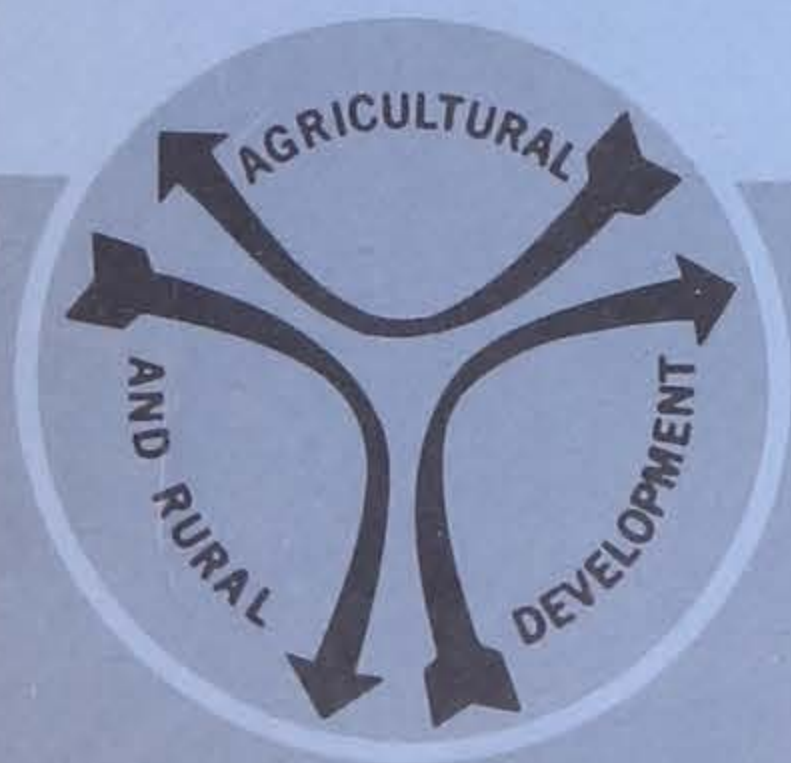


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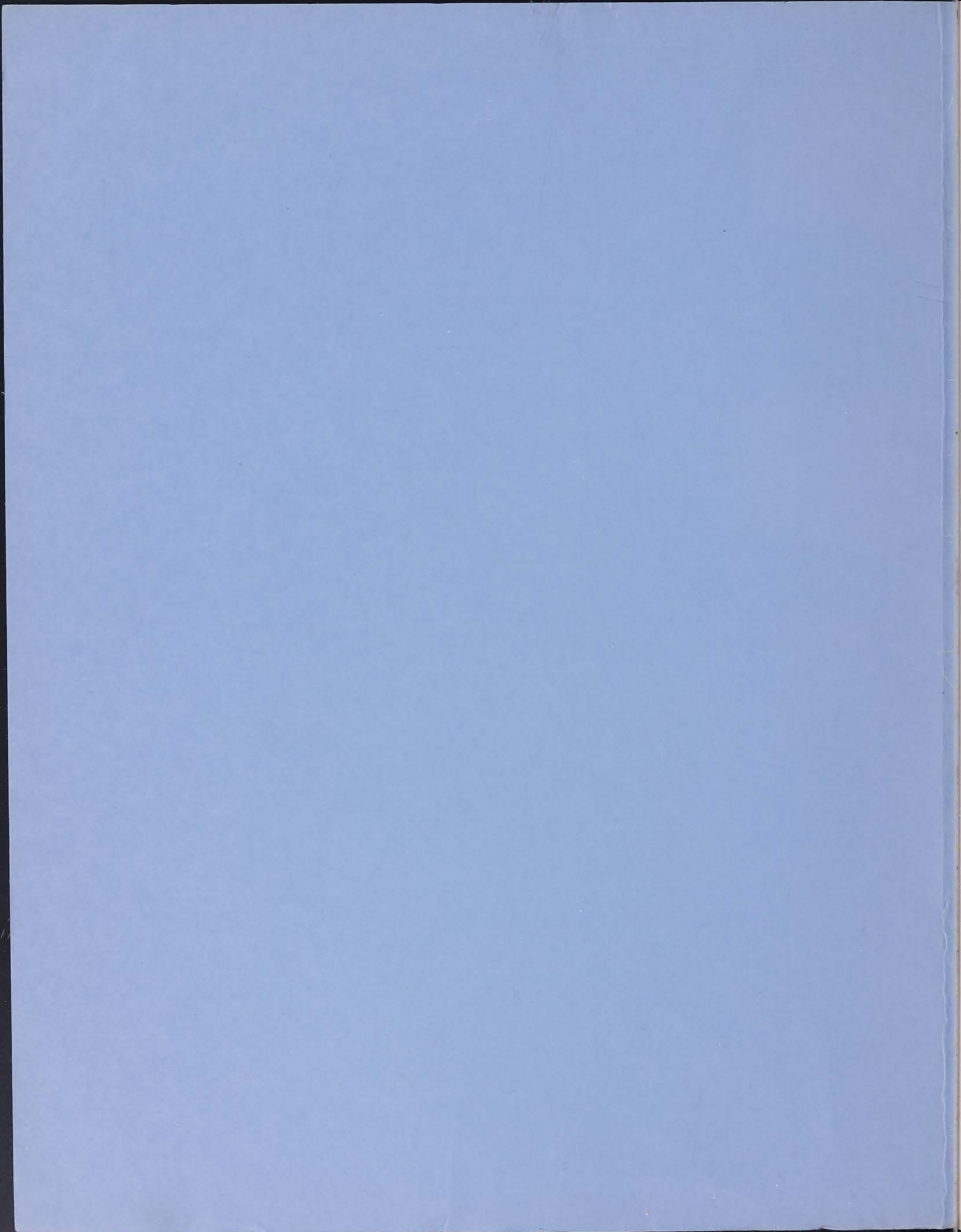
DATA SUPPLEMENT

LAND USE, ONGOING DEVELOPMENTS IN THE NORTH CENTRAL REGION

Miscellaneous Report



THE CENTER FOR
AGRICULTURAL AND RURAL DEVELOPMENT
IOWA STATE UNIVERSITY, AMES, IOWA 50011



DATA SUPPLEMENT: LAND USE: ONGOING DEVELOPMENTS
IN THE NORTH CENTRAL REGION

Miscellaneous Report

Center for Agricultural and Rural Development

578 East Hall

Iowa State University, Ames, Iowa 50011

November 1976

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INTRODUCTION

This publication is a supplement to Land Use: Ongoing Developments in the North Central Region (by William A. Huemoeller, Kenneth J. Nicol, Earl O. Heady, and Brent W. Spaulding. Ames: Iowa State University Center for Agricultural and Rural Development, 1976). Within the publication are all the detailed data from the North Central Region land use study conducted by the Center for Agricultural and Rural Development. The data are presented in a way so that individual states of the North Central Region or areas outside the region can do further analytical analysis. Indeed, some of the states requested such a data presentation. Description as to exactly how the data are organized and presented will be given elsewhere in this introduction.

There is no analysis of the study results in this publication; that analysis and an overall description of the study is contained in the book. In order for the land use researcher or policy maker to get the "full picture" of the North Central Region land use study, the Center suggests that he or she have access to both publications.

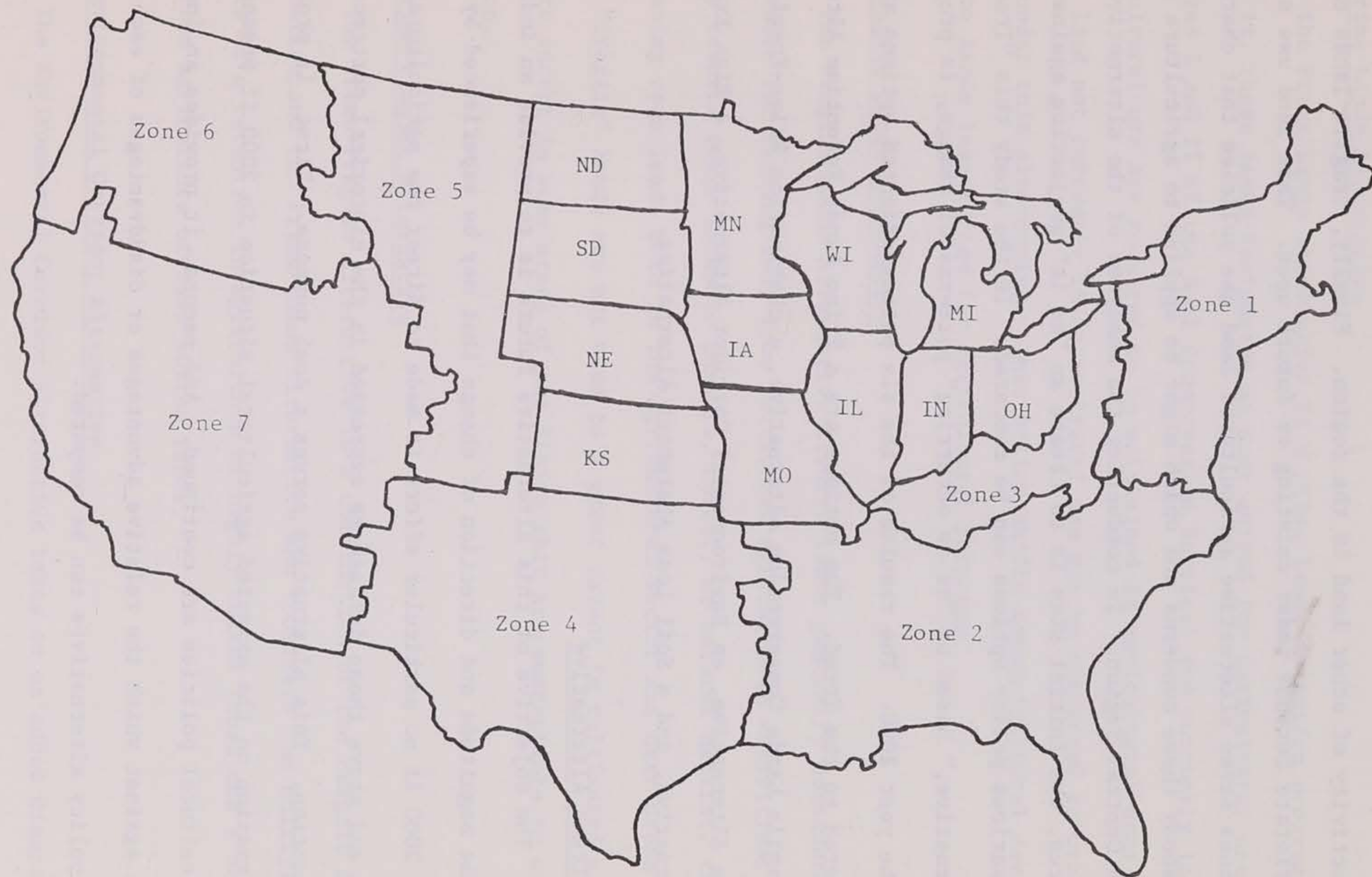
The North Central Region land use study examines the effects within the region and across the nation if each of several land use policy alternatives is applied only to the 12 states of the region (Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin). The study was originally suggested as a Bicentennial project of the Midwest Governors Conference which, in addition to the North Central states, includes West Virginia, Oklahoma, and Kentucky.

But, the emphasis has been limited to the North Central Region because funding for the study came from the North Central Regional Center for Rural Development, the North Central Region Experiment Station Directors, and the Center for Agricultural and Rural Development.

The study examines the economic effects that occur with the loss of the region's agricultural land or its productivity. Because complex relationships exist between the North Central Region and other areas of the country, the research vehicle believed to be most appropriate for this study is a national model that is interregional in nature and which encompasses the entire nation. In other words, the overall adequacy or need for the region's land resources is not unrelated to land and other resources in the remainder of the country. Thus, the effect of a shift in cropping patterns in one area of the nation, for example, can be measured and evaluated for the remaining regions or zones of the nation. Consequently, even though data are presented on a state basis for the 12 North Central states, information on agricultural land use in West Virginia, Kentucky, Oklahoma or in any other state can be gained by studying appropriate zones outside the region. (See map, page 3.)

The Alternative Futures

Major concern has been expressed for the conservation of the region's land resources and the potential role of the region in producing food for the world's hungry. Land in the North Central Region is being lost from agricultural production by several means. Some of the region's prime land is being shifted to other uses such as urban, industrial, and transportation



The political and geographical boundaries of the reporting areas

activities. Wind and water erosion either have caused or pose reduced productivity of other land in the region. Finally, fragile lands can deteriorate further under existing or future uses. This land use study examines seven alternative agricultural land use policies that characterize or embody these concerns and which might be applied to agriculture in the North Central Region. In conducting the analyses of the alternative futures, the initial step is to create an "as is" projection against which the various policy options can be compared. In the study this "Trend Alternative," based on "as is occurring" patterns of change, is projected to the year 2000. The results of the six policy-oriented options are compared to the Trend. The options are a Prime Lands Retention Alternative, a Fragile Lands Conservation Alternative, a combination Prime-Fragile Lands Alternative, an Environmental Corridor Alternative, a High Export Alternative, and a Soil Loss Abatement Alternative.

The Trend Alternative

The objective of this alternative future is to provide an indication of the magnitude and direction of change that may be experienced by the year 2000 if no particular effort is made to direct the agricultural sector over and above those influences expressed in the historical patterns of production. This alternative serves a dual purpose. First, it provides information on the expected agricultural situation in 2000 if present agricultural policies are continued. And second, it provides an index base against which the relative advantages or disadvantages of each of the policy alternatives can be compared.

The Prime Lands Alternative

The Prime Lands Alternative is a prime lands retention program. Under it, those lands designated as most suited for agricultural use (classes I and II of the Soil Conservation Service) and currently in agricultural use are required to be maintained in agricultural uses. Prime land not currently in agricultural use may be converted to urban uses under this alternative. This policy shifts nonagricultural development to lands less suited for agricultural purposes.

The Fragile Lands Alternative

The Fragile Lands Alternative diverts lands generally considered unsuitable for farming away from cultivated agricultural activities. This policy returns these lands to pasture, forest, or natural habitat, thereby increasing open lands both in the agricultural sector and near urban areas. These "fragile" lands are not used to a great extent in cultivated agriculture except in some areas of the Plains that are susceptible to wind erosion.

The Prime-Fragile Alternative

The Prime-Fragile Alternative is a combination of the Fragile Lands Alternative and the Prime Lands Alternative and considers the multiple impacts of a retention in agriculture of highly suited lands and a movement from agriculture of less suited lands.

The Environmental Corridor Alternative

The Environmental Corridor Alternative takes on an added dimension. It increases the amount of land to be diverted into nonagricultural uses.

The specific objective is to increase recreational and open space areas within the urban community. Under it, an increased allocation of land is reflected for parks, nature preserves, and generally larger open spaces within the urban and suburban community.

The High Export Alternative

Production to meet higher levels of exports creates an increased demand for the productive lands of the North Central Region. Marginal lands may need to be brought into use and marginal methods of production may be used to maximize production on the land base. The High Export Alternative investigates the implications of higher demand levels for agricultural commodities in terms of the pressure placed on the resources of the region. The higher demand levels are developed to reflect a continued effort at productive trade negotiations favorable to the U.S. agricultural sector.

The Soil Loss Abatement Alternative

The North Central Region contains some of the most productive soils in the world. In some areas these soils are combined with almost ideal weather for growing feed and food grains for the nation and the world. In parts of the region, plentiful rainfall and the agricultural production practices combine to produce an excessive amount of soil erosion. This is especially true in the Ohio, Mississippi, and the lower sections of the Missouri River basins. The Soil Loss Abatement Alternative examines the implications of soil conservation on gross soil loss at the field level.

The improved soil conservation practices are applied only to the North Central Region and entail shifts in production methods and regional production patterns to maintain productivity of the lands in the North Central Region.

Organization of this Manuscript

For the convenience of the reader, this publication is organized into chapters by political and geographical boundaries and into tables by subject matter. Data are reported by the political and geographical reporting areas: the United States, the North Central Region, each of the 12 states of the region, the area outside the region, and the seven zones within that area. Chapter 1 has the United States data. Chapter 2 has the data for the North Central Region. Chapters 3 through 14 present the data for the 12 states of the North Central Region in alphabetical order. Chapter 15 contains the data for the area outside the North Central Region, and Chapters 16 through 22 have the data for Zones 1 through 7 outside the region. Basically, each chapter has the same information for its respective political or geographical area. The only exceptions are: The United States chapter (Chapter 1) has information on conservation and tillage practices (Table 1.9 and 1.10). Irrigation activity is generally available in the model only for the Western states and zones. These exceptions are discussed in more detail later in this section.

Parameters and variables of the model

Only the crops of major significance in the United States are treated endogenously in the model. They are barley, corn, corn silage, cotton, legume hay, nonlegume hay, oats, sorghum, sorghum silage, soybeans, sugar beets, and wheat. Summer fallow acreage is also assigned endogenously. The remaining crops (dry beans, dry peas, flaxseed, fruits and nuts, peanuts, potatoes, rice, rye, sugar cane, sweet potatoes, tobacco, and other crops) and all livestock are treated exogenously. Unless otherwise specified, land and other resource-use data in the tables are for the endogenous crops only. All data in the tables are for the year 2000.

The production and resource use of the livestock sector is exogenous (prespecified) in the model. The numbers of livestock units to be produced and the quantities of resources to be used in that production are listed in the table on the following page. The livestock categories are beef cows, beef feeder cattle, dairy cattle, hogs, broilers, turkeys, sheep (including lambs), eggs, and a general category for other animals (horses, mules, ducks, geese, and zoo animals).

The number of units of each category of livestock produced is reported in the first column of the table. The remaining columns are for the quantities of water and feed commodities used in the production of the specified numbers of livestock units. The oilmeal used (in cwt.) can be converted to soybeans (in bushels) by dividing the oilmeal data by 0.4714. The SILAGE category includes both corn and sorghum silage. The NITROGEN column indicates the number of tons of nitrogen equivalent returned to agriculture in manure.

QUANTITIES OF RESOURCES USED (THOUSANDS OF UNITS) IN LIVESTOCK PRODUCTION

| | # UNITS | WATER (A-FT) | CORN (BU) | SUGR (BU) | BARLEY (BU) | GRASS (BU) | WHEAT (BU) | OIL M (CWT) | L HAY (TONS) | NL HAY (TONS) | SILAGE (TONS) | NITROGEN (TONS) | |
|-----------|---------|-----------------|--------------|--------------|----------------|---------------|---------------|----------------|-----------------|------------------|------------------|--------------------|-------|
| BEEF COWS | HD | 69,009 | 1,138 | 0 | 0 | 0 | 586,778 | 0 | 78,494 | 113,786 | 198,673 | 73,145 | 2,001 |
| BEEF FEED | HD | 51,483 | 541 | 413,673 | 377,731 | 305,367 | 0 | 0 | 92,747 | 10,039 | 5,151 | 238,307 | 720 |
| DAIRY | HD | 9,334 | 35 | 1,040,881 | 49,268 | 37,968 | 24,189 | 10,414 | 64,514 | 12,697 | 16,868 | 14,042 | 634 |
| HOGS | LCW | 301,218 | 21 | 1,740,728 | 100,321 | 843 | 7,826 | 23,435 | 151,839 | 2,004 | 0 | 0 | 421 |
| POULTRY | LBS | 15,045 | 17 | 407,211 | 28,494 | 10,101 | 2,261 | 2,110 | 185,288 | 0 | 0 | 0 | 210 |
| TURKEYS | LBS | 3,407 | 12 | 152,828 | 27,299 | 0 | 4,572 | 9,283 | 49,613 | 0 | 34 | 0 | 47 |
| SHEEP | CWT | 1,681 | 18 | 1,788 | 430 | 550 | 292 | 17 | 1,737 | 0 | 1,737 | 0 | 1 |
| EGGS | DOZ | 6,318 | 11 | 234,648 | 62,195 | 71,043 | 16,551 | 23,490 | 78,683 | 0 | 0 | 0 | 64 |
| OTHERS | NDS | 5 | 0 | 299,699 | 85,199 | 4,499 | 19,499 | 12,899 | 28,799 | 0 | 4,799 | 0 | 0 |
| TOTAL | | 1,846 | 4,291,460 | 730,990 | 430,375 | 661,971 | 81,650 | 731,718 | 138,528 | 227,265 | 325,494 | 4,103 | |

The computer code for land classes

The Conservation Needs Inventory (CNI) reports the acres of privately owned land by use and by agricultural capability class as determined from a 2 percent sample of all private lands in the nation. There are eight major capability classes with classes II through VIII further subdivided to reflect the most severe hazard which prevents the land from being available for unrestricted use. The four hazards or subclasses reflect susceptibility to erosion (e), subsoil exposure (s), drainage problems (w), and climatic conditions preventing normal crop production (c). The computer codes used in the tables for land class designation are:

| <u>Computer Code</u> | <u>CNI land class and subclass</u> |
|----------------------|--|
| 1 | I |
| 2 | IIe |
| 3 | IIs, IIc, IIw |
| 4 | IIIe |
| 5 | IIIs, IIIc, IIIw |
| 6 | IVe |
| 7 | IVs, IVc, IVw |
| 8 | V |
| 9 | VI, VII, VIII |

For example, in Table 1.1 the designation LC 3 in the land class column contains all acreage in the CNI land classes IIs, IIc, and IIw.

The Data Tables

Throughout all of the 22 chapters of this data supplement, the table numbers are composed of two separate numbers such as Table 1.2. The first number (1 in this case) signifies the chapter number and represents the United States. The second number (2 in this case) signifies the subject

matter which is dryland crop acreages. Table 2 of every other chapter then reports the dryland crop acreages for a different political or geographical area. Similarly, the first number in the table designation is for the political or geographical area and the second number of each table designation represents the subject matter.

Total land use

The first table in each chapter summarizes total land use under the seven policy alternatives. The acreage in each land class is further classified as dry (D row) or irrigated (I row). Land in the irrigated rows may be used for dryland farming because the model selects the least-cost resource mix. Entries in the DRY USED column in the I rows represent dryland rotations grown on land that historically has been irrigated. AVAILABLE land is the total of the original adjusted CNI land base plus endogenous wet soil (WET DEV) and irrigated (IRG DEV) land development. Grazed forest land that is cleared and drained and pasture that is drained for crop production is included in the WET DEV column. Only forest land that is also in the wet soils category is cleared. The acreage of wet soil pasture and forest land developed is subtracted from the available pasture and grazed forest acreage. Total land use is the sum of dry (DRY USED), irrigated (IRG USED), and exogenous (EXOG USED) land use.

Crop acreages

The acreage used for each of the endogenous crops, summer fallow, and pasture under the seven policy alternatives is reported by land class

in the second table of each chapter. The endogenous crops are barley, corn grain, corn silage, cotton, legume hay, nonlegume hay, oats, sorghum grain, sorghum silage, soybeans, sugar beets, and wheat. The acreage of pasture is reported as being on land class 9 but actually exists on the PAST land class as in table 1. (This was done to conserve space in the computer printouts.) The acreage in the I rows in table 2 is land that has historically been irrigated but was used for dryland farming.

The acreage used for each of the endogenous crops under irrigation under the seven policy alternatives is shown in the third table of each chapter. In the CARD research models irrigation activity is defined by producing areas. (See Chapter 1 and Appendix A in Land Use: Ongoing Developments in the North Central Region for an explanation of producing areas.) Irrigation activity in the model is generally allowed only for the Western states and zones (North Dakota, South Dakota, Nebraska, Kansas, and zones 4, 5, 6, and 7). However, producing area boundaries are not quite consistent with political boundaries. Therefore, when the irrigation activity is recombined to be consistent with political boundaries, most of the activity lies within the above states and zones, but a small (less than 1 percent) amount of the activity is in Minnesota, Iowa, Missouri, and zone 2. This quantity is ignored for reporting purposes, but it does cause the regional data to be slightly inconsistent with the sums of the state and zone data. Only tables with irrigation activity have this limitation.

Crop yields

The dryland yields for the endogenous crops and pasture are shown in table 4 and the irrigated yields in table 5 of Chapter 1. Tables 4 and 5 of chapters 2 through 22 report dry and irrigated production, respectively. The same restrictions on irrigated acreages (above) apply to irrigated yields in Chapter 1 and to irrigated production in chapters 2 through 22.

Commodity accounts

The production, consumption, and net export of the crop commodities that are most significant in the United States are indicated in table 6 of each chapter. Consumption of the crop commodities is divided into consumption for intermediate uses (INTER), which is primarily livestock consumption, and domestic consumption (CONSUMED), which is primarily human consumption. The crop commodities reported are corn, sorghum, barley, oats, wheat, soybeans, and cotton. The livestock sector is pre-specified in this study. Therefore, constant quantities of these commodities are required to be consumed under each alternative. Also, the population of the United States in the year 2000 and per capita consumption are constant under each alternative. This requires domestic consumption to be constant. Therefore, only production and net export vary in Table 6.

Resource use in crop production

The values of the inputs used in the production of the 12 endogenous crops and summer fallow in each area under the policy alternatives are

reported in table 7. The categories of resources used are:

LAND, the value of all land used;

WATER, the value of water consumed;

LABOR, the cost of total labor (hired and family) used;

PEST, the cost of pesticides (herbicides and insecticides) used;

TOT FERT, the total cost of fertilizer (nitrogen, phosphorous, and potassium) used;

MACH, the cost of machinery inputs (including fuel, oil, repairs, and depreciation) used; and

OTHER, the cost of other inputs used.

The value of land and water used is obtained by multiplying resource use by the appropriate shadow price as reported for each resource. To compare the relative returns to land and the other resources, the reader should total the value of a resource used for all of the endogenous crops for each of the policy alternatives and divide each by the trend value. Resource values other than land and water represent the fixed cost components in the total crops budgets multiplied by the total number of acres for each crop.

Water use

The quantity of water used in irrigation in the United States, the Western states of the North Central Region, the regional total, the four Western zones outside the region, and their total is reported in table 8. As in tables 3 and 5, only those political or geographical areas where irrigation is defined in the model have water use reported.

Conservation and tillage practices

Conservation and tillage practice data are reported only for the United States. The number of acres of land in each of the several conservation and tillage practices is reported for the nine land classes (Table 1.9). The conservation options are: straight-row farming (no conservation), contour farming, strip cropping, and terracing. The tillage practices available in the model are: conventional tillage with residue removed (CON-RR), conventional tillage with residue left (CON-RL), and minimum tillage (MIN TIL).

The estimated soil loss incurred under each conservation and tillage practice is also reported by land class (Table 1.10). The conservation and tillage practice options are applied only to the North Central Region. Therefore, any change in soil loss occurs in the 12 North Central Region states.

CHAPTER 1. THE UNITED STATES

TABLE 1.1. LAND USE (THOUSANDS OF ACRES) IN THE UNITED STATES UNDER ALTERNATIVE FUTURES

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXOG USE | TOT USED |
|-----------------------|-----------|---------|---------|----------|----------|----------|----------|
| TREND: | | | | | | | |
| LC 1-D | 142,674 | 8,339 | -1,795 | 122,174 | 0 | 10,026 | 132,203 |
| LC 1-I | 35,793 | 0 | 2,314 | 5,442 | 23,477 | 6,153 | 35,073 |
| LC 2-D | 56,130 | 0 | -131 | 54,156 | 0 | 2,034 | 56,150 |
| LC 2-I | 1,073 | 0 | 90 | 547 | 1,370 | 56 | 1,973 |
| LC 3-D | 60,942 | 0 | -92 | 58,557 | 0 | 2,384 | 60,942 |
| LC 3-I | 1,576 | 0 | 95 | 921 | 413 | 41 | 1,576 |
| LC 4-D | 39,814 | 0 | -113 | 33,905 | 0 | 1,007 | 34,912 |
| LC 4-I | 964 | 0 | 28 | 241 | 498 | 20 | 760 |
| LC 5-D | 26,128 | 0 | -26 | 22,785 | 0 | 1,367 | 24,157 |
| LC 5-I | 446 | 0 | 51 | 71 | 337 | 26 | 435 |
| LC 6-D | 10,630 | 0 | -54 | 11,156 | 0 | 364 | 11,523 |
| LC 6-I | 399 | 0 | 13 | 78 | 79 | 14 | 172 |
| LC 7-D | 4,149 | 0 | -4 | 1,040 | 0 | 283 | 1,333 |
| LC 7-I | 182 | 0 | 14 | 20 | 107 | 9 | 136 |
| LC 8-D | 379 | 0 | 0 | 21 | 0 | 7 | 28 |
| LC 8-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-D | 8,258 | 0 | 0 | 1,234 | 0 | 207 | 1,441 |
| LC 9-I | 81 | 0 | 0 | 6 | 65 | 1 | 73 |
| PAST-D | 926,692 | -8,339 | 0 | 926,692 | 0 | 0 | 926,692 |
| PAST-I | 9,166 | 0 | 0 | 4,757 | 4,408 | 0 | 9,166 |
| LC 1 TO 5 | 300,511 | 8,339 | 420 | 296,807 | 26,297 | 23,121 | 348,226 |
| LC 6 TO 9 | 30,082 | 0 | -30 | 13,560 | 252 | 688 | 14,711 |
| TOT CRPLND | 396,594 | 8,339 | 389 | 312,377 | 26,550 | 24,010 | 362,937 |
| PRIME LANDS: | | | | | | | |
| LC 1-D | 142,732 | 7,793 | -1,795 | 121,819 | 0 | 10,026 | 131,847 |
| LC 1-I | 35,823 | 0 | 2,314 | 5,401 | 23,475 | 6,153 | 35,031 |
| LC 2-D | 57,695 | 0 | -132 | 55,661 | 0 | 2,034 | 57,695 |
| LC 2-I | 1,994 | 0 | 90 | 810 | 1,127 | 56 | 1,994 |
| LC 3-D | 62,911 | 0 | -93 | 60,526 | 0 | 2,384 | 62,911 |
| LC 3-I | 1,596 | 0 | 96 | 631 | 923 | 41 | 1,596 |
| LC 4-D | 38,787 | 0 | -112 | 33,094 | 0 | 1,007 | 34,101 |
| LC 4-I | 956 | 0 | 27 | 256 | 471 | 20 | 746 |
| LC 5-D | 25,106 | 0 | -25 | 21,492 | 0 | 1,367 | 22,859 |
| LC 5-I | 447 | 0 | 50 | 76 | 334 | 26 | 438 |
| LC 6-D | 16,255 | 0 | -53 | 10,547 | 0 | 364 | 10,912 |
| LC 6-I | 398 | 0 | 13 | 75 | 54 | 14 | 144 |
| LC 7-D | 3,960 | 0 | -4 | 943 | 0 | 253 | 1,227 |
| LC 7-I | 180 | 0 | 13 | 17 | 100 | 9 | 134 |
| LC 8-D | 359 | 0 | -1 | 20 | 0 | 7 | 27 |
| LC 8-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-D | 8,067 | 0 | 0 | 1,229 | 0 | 207 | 1,437 |
| LC 9-I | 80 | 0 | 0 | 9 | 64 | 1 | 75 |
| PAST-D | 926,980 | -7,793 | 0 | 926,980 | 0 | 0 | 926,980 |
| PAST-I | 9,166 | 0 | 0 | 4,716 | 4,449 | 0 | 9,166 |
| LC 1 TO 5 | 358,053 | 7,793 | 420 | 299,770 | 26,332 | 23,121 | 349,225 |
| LC 6 TO 9 | 29,318 | 0 | -30 | 12,844 | 225 | 688 | 13,955 |
| TOT CRPLND | 387,372 | 7,793 | 389 | 312,614 | 26,556 | 24,010 | 363,183 |
| FRAGILE: | | | | | | | |
| LC 1-D | 142,908 | 8,502 | -1,796 | 124,960 | 0 | 10,028 | 134,988 |
| LC 1-I | 35,866 | 0 | 2,334 | 5,619 | 23,513 | 6,153 | 35,280 |
| LC 2-D | 56,059 | 0 | -153 | 54,025 | 0 | 2,034 | 56,059 |
| LC 2-I | 2,010 | 0 | 105 | 853 | 1,100 | 56 | 2,010 |
| LC 3-D | 60,828 | 0 | -111 | 58,443 | 0 | 2,384 | 60,828 |
| LC 3-I | 1,604 | 0 | 108 | 606 | 955 | 41 | 1,604 |
| LC 4-D | 39,645 | 0 | -147 | 33,442 | 0 | 1,007 | 34,449 |
| LC 4-I | 978 | 0 | 38 | 455 | 501 | 20 | 978 |
| LC 5-D | 26,083 | 0 | -39 | 22,885 | 0 | 1,367 | 24,252 |
| LC 5-I | 460 | 0 | 59 | 87 | 345 | 26 | 460 |
| LC 6-D | 13,084 | 0 | -20 | 8,277 | 0 | 364 | 8,642 |
| LC 6-I | 152 | 0 | 2 | 22 | 75 | 14 | 112 |
| LC 7-D | 4,141 | 0 | -5 | 1,120 | 0 | 283 | 1,404 |
| LC 7-I | 185 | 0 | 16 | 17 | 64 | 9 | 91 |
| LC 8-D | 7 | 0 | 0 | 0 | 0 | 7 | 7 |
| LC 8-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-D | 207 | 0 | 0 | 0 | 0 | 207 | 207 |
| LC 9-I | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| PAST-D | 938,876 | -8,502 | 0 | 938,876 | 0 | 0 | 938,876 |
| PAST-I | 9,401 | 0 | 0 | 4,862 | 4,538 | 0 | 9,401 |
| LC 1 TO 5 | 356,444 | 8,502 | 397 | 301,373 | 26,417 | 23,121 | 350,912 |
| LC 6 TO 9 | 17,779 | 0 | -6 | 9,438 | 139 | 688 | 10,455 |
| TOT CRPLND | 384,224 | 8,502 | 390 | 310,812 | 26,556 | 24,010 | 361,378 |
| PRIME-FRAGILE: | | | | | | | |
| LC 1-D | 146,110 | 8,043 | -1,797 | 125,506 | 0 | 10,028 | 135,534 |
| LC 1-I | 35,889 | 0 | 2,327 | 5,424 | 23,465 | 6,153 | 35,043 |
| LC 2-D | 56,028 | 0 | -152 | 55,994 | 0 | 2,034 | 58,028 |
| LC 2-I | 2,022 | 0 | 95 | 710 | 1,254 | 56 | 2,022 |
| LC 3-D | 63,179 | 0 | -107 | 60,794 | 0 | 2,384 | 63,179 |
| LC 3-I | 1,616 | 0 | 102 | 767 | 806 | 41 | 1,616 |
| LC 4-D | 38,783 | 0 | -136 | 31,072 | 0 | 1,007 | 32,080 |
| LC 4-I | 970 | 0 | 33 | 422 | 471 | 20 | 915 |
| LC 5-D | 25,095 | 0 | -29 | 21,491 | 0 | 1,367 | 22,858 |
| LC 5-I | 453 | 0 | 54 | 79 | 339 | 26 | 444 |
| LC 6-D | 12,715 | 0 | -13 | 7,610 | 0 | 364 | 7,975 |
| LC 6-I | 150 | 0 | 1 | 10 | 71 | 14 | 95 |
| LC 7-D | 3,998 | 0 | -5 | 1,009 | 0 | 243 | 1,293 |
| LC 7-I | 182 | 0 | 14 | 17 | 57 | 9 | 85 |
| LC 8-D | 7 | 0 | 0 | 0 | 0 | 7 | 7 |
| LC 8-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-D | 207 | 0 | 0 | 0 | 0 | 207 | 207 |
| LC 9-I | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| PAST-D | 939,038 | -8,043 | 0 | 939,038 | 0 | 0 | 939,038 |
| PAST-I | 9,360 | 0 | 0 | 4,951 | 4,409 | 0 | 9,360 |
| LC 1 TO 5 | 372,148 | 8,043 | 393 | 302,263 | 26,338 | 23,121 | 351,723 |
| LC 6 TO 9 | 17,265 | 0 | -3 | 8,548 | 120 | 688 | 9,665 |
| TOT CRPLND | 389,413 | 8,043 | 389 | 310,912 | 26,466 | 24,010 | 361,389 |

TABLE 1.1. (CONTINUED)

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXO G USE | TOT USED |
|-------------------------|-----------|---------|---------|----------|----------|-----------|----------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| LC 1-0 | 142,431 | 8,135 | -1,795 | 121,953 | 0 | 10,028 | 131,981 |
| LC 1-1 | 35,793 | 0 | 2,314 | 5,505 | 23,517 | 6,153 | 35,175 |
| LC 2-0 | 56,080 | 0 | -131 | 54,045 | 0 | 2,034 | 56,080 |
| LC 2-1 | 1,979 | 0 | 90 | 551 | 1,371 | 56 | 1,979 |
| LC 3-0 | 60,788 | 0 | -92 | 58,403 | 0 | 2,384 | 60,788 |
| LC 3-1 | 1,582 | 0 | 95 | 919 | 621 | 41 | 1,582 |
| LC 4-0 | 39,746 | 0 | -113 | 34,181 | 0 | 1,007 | 35,189 |
| LC 4-1 | 461 | 0 | 28 | 233 | 497 | 20 | 754 |
| LC 5-0 | 26,057 | 0 | -26 | 23,156 | 0 | 1,367 | 24,523 |
| LC 5-1 | 451 | 0 | 51 | 77 | 332 | 26 | 442 |
| LC 6-0 | 16,602 | 0 | -53 | 11,146 | 0 | 364 | 11,511 |
| LC 6-1 | 400 | 0 | 13 | 75 | 84 | 14 | 174 |
| LC 7-0 | 4,136 | 0 | -4 | 1,047 | 0 | 283 | 1,330 |
| LC 7-1 | 181 | 0 | 14 | 17 | 107 | 9 | 135 |
| LC 8-0 | 379 | 0 | -1 | 20 | 0 | 7 | 27 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 8,242 | 0 | 0 | 1,232 | 0 | 207 | 1,439 |
| LC 9-1 | 86 | 0 | 0 | 9 | 54 | 1 | 75 |
| PAST-0 | 926,858 | -8,135 | 0 | 925,855 | 0 | 0 | 925,855 |
| PAST-1 | 9,124 | 0 | 0 | 4,693 | 4,431 | 0 | 9,124 |
| LC 1 TO 5 | 365,874 | 8,135 | 420 | 299,027 | 26,347 | 23,121 | 348,499 |
| LC 6 TO 9 | 40,029 | 0 | -30 | 13,550 | 250 | 888 | 14,695 |
| TOT CRPLND | 395,903 | 8,135 | 389 | 312,577 | 26,605 | 24,010 | 353,194 |
| HIGH EXPORT: | | | | | | | |
| LC 1-0 | 149,607 | 15,272 | -1,795 | 139,171 | 0 | 10,028 | 149,199 |
| LC 1-1 | 35,799 | 0 | 2,314 | 4,837 | 24,747 | 6,153 | 35,737 |
| LC 2-0 | 56,190 | 0 | -131 | 54,156 | 0 | 2,034 | 56,190 |
| LC 2-1 | 1,973 | 0 | 90 | 572 | 1,344 | 56 | 1,973 |
| LC 3-0 | 60,942 | 0 | -92 | 58,557 | 0 | 2,384 | 60,942 |
| LC 3-1 | 1,576 | 0 | 95 | 634 | 900 | 41 | 1,576 |
| LC 4-0 | 39,814 | 0 | -113 | 38,806 | 0 | 1,007 | 39,814 |
| LC 4-1 | 964 | 0 | 28 | 516 | 427 | 20 | 964 |
| LC 5-0 | 26,128 | 0 | -26 | 24,760 | 0 | 1,367 | 26,128 |
| LC 5-1 | 446 | 0 | 51 | 81 | 337 | 26 | 446 |
| LC 6-0 | 16,630 | 0 | -54 | 16,266 | 0 | 364 | 16,630 |
| LC 6-1 | 399 | 0 | 13 | 230 | 155 | 14 | 399 |
| LC 7-0 | 4,149 | 0 | -4 | 3,581 | 0 | 283 | 3,964 |
| LC 7-1 | 182 | 0 | 14 | 64 | 107 | 9 | 182 |
| LC 8-0 | 379 | 0 | 0 | 192 | 0 | 7 | 200 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 8,258 | 0 | 0 | 5,809 | 0 | 207 | 6,015 |
| LC 9-1 | 81 | 0 | 0 | 75 | 0 | 1 | 76 |
| PAST-0 | 919,759 | -15,272 | 0 | 919,759 | 0 | 0 | 919,759 |
| PAST-1 | 9,166 | 0 | 0 | 5,160 | 4,005 | 0 | 9,166 |
| LC 1 TO 5 | 373,443 | 15,272 | 420 | 322,095 | 27,757 | 23,121 | 372,974 |
| LC 6 TO 9 | 30,082 | 0 | -30 | 26,320 | 262 | 888 | 27,471 |
| TOT CRPLND | 403,526 | 15,272 | 389 | 348,415 | 28,020 | 24,010 | 400,446 |
| SOIL LOSS: | | | | | | | |
| LC 1-0 | 143,111 | 8,776 | -1,795 | 119,819 | 0 | 10,028 | 129,848 |
| LC 1-1 | 35,799 | 0 | 2,314 | 5,162 | 23,865 | 6,153 | 35,180 |
| LC 2-0 | 56,190 | 0 | -131 | 54,156 | 0 | 2,034 | 56,190 |
| LC 2-1 | 1,973 | 0 | 90 | 914 | 1,005 | 56 | 1,973 |
| LC 3-0 | 60,942 | 0 | -92 | 58,557 | 0 | 2,384 | 60,942 |
| LC 3-1 | 1,576 | 0 | 95 | 637 | 897 | 41 | 1,576 |
| LC 4-0 | 39,814 | 0 | -113 | 38,779 | 0 | 1,007 | 34,787 |
| LC 4-1 | 964 | 0 | 28 | 346 | 498 | 20 | 865 |
| LC 5-0 | 26,128 | 0 | -26 | 22,532 | 0 | 1,367 | 23,900 |
| LC 5-1 | 446 | 0 | 51 | 24 | 395 | 26 | 446 |
| LC 6-0 | 16,630 | 0 | -54 | 10,573 | 0 | 364 | 10,938 |
| LC 6-1 | 399 | 0 | 13 | 133 | 152 | 14 | 300 |
| LC 7-0 | 4,149 | 0 | -4 | 959 | 0 | 283 | 1,245 |
| LC 7-1 | 182 | 0 | 14 | 20 | 67 | 9 | 97 |
| LC 8-0 | 379 | 0 | 0 | 701 | 0 | 7 | 108 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 8,258 | 0 | 0 | 1,234 | 0 | 207 | 1,441 |
| LC 9-1 | 81 | 0 | 0 | 6 | 65 | 1 | 72 |
| PAST-0 | 926,256 | -8,776 | 0 | 926,256 | 0 | 0 | 926,256 |
| PAST-1 | 9,165 | 0 | 0 | 4,832 | 4,333 | 0 | 9,165 |
| LC 1 TO 5 | 366,547 | 8,776 | 420 | 295,930 | 26,659 | 23,121 | 345,711 |
| LC 6 TO 9 | 30,082 | 0 | -30 | 13,030 | 285 | 888 | 14,203 |
| TOT CRPLND | 397,630 | 8,776 | 389 | 308,960 | 26,944 | 24,010 | 359,915 |

TABLE 1.2. DRYLAND CROP ACREAGES (THOUSANDS OF ACRES) IN THE UNITED STATES UNDER ALTERNATIVE FUTURES

| TREND: | LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEAN | SGRBEET | WHEAT |
|--------------|------------|--------|--------|--------|--------|--------|--------|--------|-------|---------|--------|--------|---------|---------|--------|
| TREND: | LC 1-0 | 7,022 | 13,155 | 5,600 | 5,797 | 3,359 | 5,209 | 9,560 | 2,323 | 0 | 12,247 | 684 | 38,077 | 213 | 18,923 |
| | LC 1-1 | 61 | 37 | 0 | 469 | 491 | 307 | 569 | 13 | 0 | 2,468 | 0 | 0 | 0 | 1,023 |
| | LC 2-0 | 2,557 | 14,436 | 370 | 165 | 9,796 | 838 | 72 | 3,333 | 0 | 967 | 426 | 15,386 | 16 | 5,788 |
| | LC 2-1 | 0 | 0 | 0 | 0 | 415 | 0 | 0 | 75 | 0 | 0 | 0 | 0 | 0 | 55 |
| | LC 3-0 | 1,157 | 15,505 | 189 | 0 | 8,101 | 5,134 | 2,105 | 2,693 | 0 | 190 | 758 | 15,272 | 554 | 6,892 |
| | LC 3-1 | 0 | 0 | 0 | 0 | 205 | 293 | 0 | 18 | 0 | 111 | 0 | 115 | 0 | 176 |
| | LC 4-0 | 100 | 4,712 | 155 | 3 | 3,528 | 5,970 | 855 | 1,882 | 0 | 3,395 | 461 | 8,843 | 0 | 3,946 |
| | LC 4-1 | 0 | 3 | 0 | 0 | 155 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 79 |
| | LC 5-0 | 915 | 4,007 | 149 | 0 | 642 | 2,357 | 1,033 | 370 | 0 | 316 | 0 | 6,422 | 252 | 6,321 |
| | LC 5-1 | 0 | 0 | 0 | 0 | 0 | 61 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 6 |
| | LC 6-0 | 0 | 1,323 | 213 | 0 | 166 | 3,794 | 709 | 721 | 0 | 289 | 0 | 1,988 | 0 | 1,951 |
| | LC 6-1 | 0 | 10 | 0 | 0 | 0 | 36 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| LC 7-0 | 0 | 152 | 0 | 0 | 0 | 422 | 3 | 104 | 0 | 76 | 0 | 193 | 0 | 90 | |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 1 | |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| LC 9-0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,116 | 0 | 118 | 918,352 | 0 | 0 | 0 | 0 | |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 1 | 4,757 | 0 | 0 | 0 | 0 | |
| PRIME LANDS: | LC 1-0 | 6,276 | 12,903 | 5,671 | 5,768 | 3,427 | 6,177 | 9,064 | 2,382 | 0 | 12,771 | 695 | 37,657 | 213 | 18,808 |
| | LC 1-1 | 61 | 0 | 0 | 469 | 460 | 304 | 568 | 13 | 0 | 2,501 | 0 | 0 | 0 | 1,022 |
| | LC 2-0 | 3,289 | 14,685 | 329 | 150 | 9,998 | 905 | 93 | 3,359 | 0 | 1,016 | 472 | 15,711 | 16 | 5,631 |
| | LC 2-1 | 0 | 0 | 0 | 0 | 420 | 203 | 0 | 76 | 0 | 17 | 0 | 18 | 0 | 74 |
| | LC 3-0 | 1,100 | 16,586 | 91 | 0 | 8,091 | 4,281 | 2,204 | 2,619 | 0 | 197 | 841 | 16,708 | 695 | 7,106 |
| | LC 3-1 | 0 | 0 | 0 | 0 | 209 | 0 | 0 | 18 | 0 | 111 | 0 | 114 | 0 | 177 |
| | LC 4-0 | 106 | 4,554 | 59 | 3 | 3,222 | 6,173 | 916 | 1,840 | 0 | 3,231 | 461 | 8,531 | 0 | 3,992 |
| | LC 4-1 | 0 | 3 | 0 | 0 | 151 | 0 | 8 | 0 | 0 | 9 | 0 | 0 | 0 | 93 |
| | LC 5-0 | 685 | 3,492 | 139 | 0 | 715 | 2,256 | 1,486 | 392 | 0 | 278 | 0 | 5,542 | 110 | 6,361 |
| | LC 5-1 | 0 | 0 | 0 | 0 | 0 | 63 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 9 |
| | LC 6-0 | 0 | 994 | 232 | 0 | 264 | 3,722 | 705 | 801 | 0 | 289 | 0 | 1,614 | 0 | 1,922 |
| | LC 6-1 | 0 | 10 | 0 | 0 | 0 | 33 | 10 | 8 | 0 | 0 | 0 | 0 | 0 | 11 |
| LC 7-0 | 0 | 123 | 0 | 0 | 0 | 26 | 291 | 36 | 0 | 111 | 0 | 172 | 0 | 121 | |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 3 | 0 | 0 | 0 | 9 | |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| LC 9-0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,119 | 0 | 109 | 91,157 | 0 | 0 | 0 | 0 | |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 1 | 4,716 | 0 | 0 | 0 | 0 | |
| FRAGILE: | LC 1-0 | 7,379 | 12,890 | 5,401 | 5,798 | 4,480 | 6,965 | 9,228 | 2,468 | 0 | 12,510 | 849 | 38,197 | 213 | 18,576 |
| | LC 1-1 | 61 | 0 | 0 | 469 | 560 | 308 | 568 | 13 | 0 | 2,560 | 0 | 0 | 0 | 1,071 |
| | LC 2-0 | 1,997 | 14,449 | 310 | 165 | 10,070 | 458 | 72 | 3,358 | 0 | 830 | 284 | 15,226 | 16 | 6,780 |
| | LC 2-1 | 0 | 0 | 0 | 0 | 422 | 0 | 0 | 76 | 0 | 98 | 0 | 101 | 0 | 155 |
| | LC 3-0 | 935 | 15,852 | 188 | 0 | 7,322 | 4,829 | 2,254 | 2,693 | 0 | 249 | 1,038 | 15,755 | 350 | 5,992 |
| | LC 3-1 | 0 | 0 | 0 | 0 | 248 | 0 | 0 | 42 | 0 | 192 | 0 | 55 | 0 | 67 |
| | LC 4-0 | 80 | 4,924 | 168 | 0 | 2,843 | 6,507 | 1,173 | 1,897 | 0 | 3,343 | 481 | 8,138 | 0 | 3,868 |
| | LC 4-1 | 0 | 4 | 0 | 0 | 153 | 211 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 80 |
| | LC 5-0 | 1,531 | 3,967 | 150 | 0 | 464 | 2,559 | 637 | 463 | 0 | 386 | 0 | 6,638 | 449 | 5,637 |
| | LC 5-1 | 0 | 0 | 0 | 0 | 0 | 73 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 4 |
| | LC 6-0 | 0 | 1,283 | 207 | 0 | 67 | 2,759 | 213 | 440 | 0 | 100 | 0 | 2,119 | 0 | 1,085 |
| | LC 6-1 | 0 | 0 | 0 | 0 | 0 | 12 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 9 |
| LC 7-0 | 0 | 0 | 0 | 0 | 0 | 719 | 3 | 100 | 0 | 0 | 0 | 103 | 0 | 111 | |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 1 | |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| LC 9-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 430,274 | 0 | 0 | 0 | 0 | |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,862 | 0 | 0 | 0 | 0 | |

TABLE 1.2. (CONTINUED)

| | LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEAN | SGRBEET | WHEAT |
|----------------|------------|--------|--------|--------|--------|--------|--------|--------|-------|---------|--------|--------|---------|---------|--------|
| PRIME-FRAGILE: | LC 1-0 | 5,321 | 12,927 | 5,728 | 5,808 | 4,925 | 7,073 | 9,175 | 2,330 | 0 | 12,220 | 700 | 35,279 | 165 | 19,847 |
| | LC 1-1 | 61 | 0 | 0 | 469 | 175 | 307 | 553 | 13 | 0 | 2,799 | 0 | 0 | 0 | 1,029 |
| | LC 2-0 | 2,665 | 14,826 | 331 | 160 | 10,363 | 895 | 114 | 3,578 | 0 | 1,010 | 474 | 15,686 | 16 | 5,868 |
| | LC 2-1 | 0 | 0 | 0 | 0 | 424 | 0 | 0 | 76 | 0 | 50 | 0 | 51 | 0 | 107 |
| | LC 3-0 | 1,367 | 16,413 | 95 | 0 | 7,264 | 4,951 | 2,162 | 2,064 | 0 | 426 | 761 | 16,706 | 710 | 7,270 |
| | LC 3-1 | 0 | 0 | 0 | 0 | 301 | 133 | 0 | 47 | 0 | 101 | 0 | 73 | 0 | 110 |
| | LC 4-0 | 181 | 4,719 | 59 | 0 | 2,355 | 6,314 | 1,143 | 1,985 | 0 | 3,106 | 451 | 7,462 | 0 | 3,264 |
| | LC 4-1 | 0 | 0 | 0 | 0 | 153 | 0 | 0 | 0 | 0 | 66 | 0 | 53 | 0 | 137 |
| | LC 5-0 | 905 | 3,441 | 160 | 0 | 495 | 2,113 | 1,458 | 355 | 0 | 333 | 0 | 5,051 | 91 | 6,284 |
| | LC 5-1 | 0 | 0 | 0 | 0 | 0 | 64 | 0 | 1 | 0 | 0 | 0 | 1,816 | 0 | 1,173 |
| LC 6-0 | 0 | 1,020 | 192 | 0 | 48 | 2,655 | 211 | 392 | 0 | 99 | 0 | 0 | 0 | 5 | |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 83 | 0 | 0 | 62 | 0 | 80 | |
| LC 7-0 | 0 | 76 | 0 | 0 | 0 | 0 | 703 | 0 | 3 | 0 | 0 | 0 | 0 | 1 | |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| LC 9-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 930,995 | 0 | 0 | 0 | 0 | |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,951 | 0 | 0 | 0 | 0 | |
| ENV. COR.: | LC 1-0 | 6,828 | 13,037 | 5,282 | 5,801 | 3,381 | 6,217 | 9,092 | 2,335 | 0 | 12,339 | 683 | 37,597 | 213 | 18,824 |
| | LC 1-1 | 61 | 97 | 0 | 469 | 470 | 315 | 568 | 13 | 0 | 2,486 | 0 | 0 | 0 | 1,021 |
| | LC 2-0 | 3,103 | 14,338 | 304 | 164 | 9,706 | 713 | 67 | 3,255 | 0 | 918 | 430 | 15,387 | 16 | 5,038 |
| | LC 2-1 | 0 | 0 | 0 | 0 | 416 | 0 | 0 | 75 | 0 | 0 | 0 | 0 | 0 | 58 |
| | LC 3-0 | 835 | 15,702 | 191 | 0 | 6,130 | 4,684 | 2,104 | 2,747 | 0 | 191 | 1,162 | 15,405 | 357 | 6,870 |
| | LC 3-1 | 0 | 0 | 0 | 0 | 208 | 284 | 0 | 18 | 0 | 112 | 0 | 115 | 0 | 175 |
| | LC 4-0 | 75 | 4,803 | 151 | 0 | 3,504 | 6,113 | 947 | 1,869 | 0 | 3,380 | 30 | 6,775 | 0 | 4,055 |
| | LC 4-1 | 0 | 0 | 0 | 0 | 152 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 77 |
| | LC 5-0 | 881 | 3,893 | 152 | 0 | 640 | 2,368 | 381 | 370 | 0 | 316 | 0 | 6,543 | 448 | 5,660 |
| | LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 9 |
| LC 6-0 | 0 | 1,313 | 213 | 0 | 156 | 3,082 | 678 | 735 | 0 | 258 | 0 | 2,000 | 0 | 1,907 | |
| LC 6-1 | 0 | 11 | 0 | 0 | 0 | 34 | 11 | 8 | 0 | 166 | 0 | 219 | 0 | 161 | |
| LC 7-0 | 0 | 145 | 0 | 0 | 0 | 0 | 307 | 34 | 0 | 0 | 0 | 0 | 0 | 1 | |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| LC 9-0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,117 | 0 | 115 | 918,722 | 0 | 0 | 0 | 0 | |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 1 | 4,693 | 0 | 0 | 0 | 0 | |
| HIGH EXPORT: | LC 1-0 | 5,554 | 18,150 | 5,629 | 5,666 | 5,134 | 7,575 | 7,051 | 4,143 | 0 | 12,493 | 575 | 41,633 | 247 | 24,317 |
| | LC 1-1 | 61 | 0 | 103 | 469 | 200 | 638 | 197 | 0 | 0 | 2,765 | 0 | 0 | 0 | 400 |
| | LC 2-0 | 3,513 | 13,927 | 0 | 147 | 8,414 | 676 | 65 | 2,204 | 0 | 513 | 221 | 16,046 | 0 | 8,425 |
| | LC 2-1 | 0 | 0 | 0 | 0 | 309 | 0 | 0 | 49 | 0 | 52 | 0 | 54 | 0 | 107 |
| | LC 3-0 | 1,550 | 18,180 | 131 | 0 | 5,142 | 4,691 | 3,421 | 1,473 | 0 | 323 | 54 | 15,203 | 303 | 6,081 |
| | LC 3-1 | 0 | 0 | 0 | 0 | 130 | 0 | 0 | 0 | 0 | 206 | 0 | 117 | 0 | 178 |
| | LC 4-0 | 100 | 5,878 | 353 | 436 | 5,180 | 3,984 | 1,171 | 1,901 | 0 | 2,666 | 1,095 | 9,584 | 24 | 6,424 |
| | LC 4-1 | 0 | 0 | 0 | 0 | 155 | 0 | 0 | 0 | 0 | 67 | 80 | 69 | 0 | 143 |
| | LC 5-0 | 150 | 4,049 | 114 | 0 | 1,193 | 1,849 | 690 | 378 | 0 | 620 | 0 | 7,324 | 478 | 7,912 |
| | LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 5 | 0 | 3 | 0 | 7 |
| LC 6-0 | 165 | 1,367 | 625 | 0 | 313 | 4,759 | 1,118 | 1,212 | 0 | 911 | 337 | 2,320 | 0 | 3,134 | |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 62 | 66 | 15 | 0 | 19 | 0 | 0 | 0 | 66 | |
| LC 7-0 | 0 | 326 | 303 | 0 | 764 | 592 | 184 | 527 | 0 | 49 | 0 | 386 | 0 | 547 | |
| LC 7-1 | 0 | 9 | 0 | 0 | 0 | 15 | 13 | 3 | 0 | 7 | 0 | 0 | 0 | 15 | |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 192 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| LC 9-0 | 0 | 370 | 9 | 0 | 445 | 2,762 | 197 | 750 | 750 | 904,487 | 0 | 13 | 0 | 752 | |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 57 | 0 | 14 | 14 | 5,160 | 0 | 0 | 0 | 2 | |

TABLE 1.2. (CONTINUED)

| SOIL LOSS: | LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEAN | SGRBEET | WHEAT |
|------------|------------|--------|--------|--------|--------|-------|--------|--------|-------|---------|--------|--------|---------|---------|--------|
| | LC 1-D | 4.938 | 13.646 | 5.316 | 5.367 | 2.203 | 5.588 | 6.326 | 2.370 | 0 | 12.744 | 562 | 39.452 | 213 | 20.285 |
| | LC 1-I | 85 | 90 | 0 | 469 | 1.481 | 557 | 333 | 13 | 0 | 1.477 | 0 | 0 | 0 | 643 |
| | LC 2-D | 4.901 | 14.011 | 310 | 309 | 9.013 | 434 | 69 | 2.849 | 0 | 650 | 533 | 15.453 | 240 | 5.177 |
| | LC 2-I | 0 | 0 | 0 | 0 | 415 | 0 | 0 | 75 | 0 | 121 | 0 | 124 | 0 | 176 |
| | LC 3-D | 724 | 15.571 | 144 | 0 | 6.538 | 5.060 | 2.469 | 1.751 | 0 | 242 | 1.546 | 16.774 | 359 | 7.372 |
| | LC 3-I | 0 | 0 | 0 | 0 | 205 | 0 | 0 | 18 | 0 | 115 | 0 | 118 | 0 | 179 |
| | LC 4-D | 0 | 4.201 | 216 | 186 | 4.195 | 6.305 | 658 | 2.509 | 0 | 3.281 | 481 | 7.373 | 0 | 4.169 |
| | LC 4-I | 0 | 0 | 0 | 0 | 155 | 7 | 0 | 1 | 0 | 34 | 0 | 35 | 0 | 111 |
| | LC 5-D | 930 | 4.190 | 175 | 0 | 1.206 | 2.722 | 742 | 758 | 0 | 319 | 0 | 5.443 | 136 | 5.905 |
| | LC 5-I | 0 | 0 | 0 | 0 | 0 | 5 | 4 | 0 | 0 | 7 | 0 | 0 | 0 | 6 |
| | LC 6-D | 0 | 1.518 | 186 | 0 | 724 | 3.662 | 875 | 981 | 0 | 146 | 0 | 725 | 0 | 1.700 |
| | LC 6-I | 0 | 0 | 0 | 0 | 0 | 91 | 11 | 9 | 0 | 5 | 0 | 0 | 0 | 16 |
| | LC 7-D | 0 | 109 | 42 | 0 | 0 | 248 | 67 | 24 | 0 | 143 | 0 | 166 | 0 | 155 |
| | LC 7-I | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 4 | 0 | 0 | 0 | 10 |
| | LC 8-D | 0 | 0 | 0 | 0 | 0 | 101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | LC 8-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | LC 9-D | 0 | 0 | 0 | 0 | 0 | 1.234 | 0 | 0 | 917.480 | 0 | 0 | 0 | 0 | 0 |
| | LC 9-I | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 4.832 | 0 | 0 | 0 | 0 | 0 |

TABLE 1.3. IRRIGATED CROP ACREAGES (THOUSANDS OF ACRES) IN THE UNITED STATES UNDER ALTERNATIVE FUTURES

| LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEAN | SGRBEET | WHEAT |
|-----------------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|---------|---------|-------|
| TREND: | | | | | | | | | | | | | | |
| LC 1 | 1,070 | 2,708 | 2,290 | 1,059 | 5,251 | 578 | 0 | 9 | 0 | 1,323 | 5,555 | 847 | 676 | 1,477 |
| LC 2 | 0 | 242 | 0 | 0 | 673 | 50 | 0 | 47 | 0 | 0 | 223 | 0 | 56 | 0 |
| LC 3 | 0 | 118 | 0 | 2 | 75 | 78 | 0 | 0 | 0 | 0 | 330 | 0 | 0 | 0 |
| LC 4 | 0 | 114 | 216 | 0 | 35 | 9 | 0 | 0 | 0 | 0 | 122 | 0 | 0 | 0 |
| LC 5 | 3 | 17 | 0 | 5 | 24 | 78 | 0 | 0 | 0 | 0 | 120 | 11 | 3 | 0 |
| LC 6 | 4 | 0 | 0 | 0 | 0 | 35 | 0 | 0 | 0 | 0 | 44 | 0 | 4 | 0 |
| LC 7 | 0 | 0 | 0 | 0 | 44 | 3 | 0 | 22 | 0 | 0 | 0 | 0 | 21 | 0 |
| LC 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9 | 0 | 0 | 0 | 0 | 0 | 65 | 0 | 0 | 4,401 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | | | | | | | | | | | | | | |
| LC 1 | 1,217 | 2,679 | 2,292 | 1,092 | 5,256 | 1,084 | 0 | 9 | 0 | 1,108 | 5,902 | 845 | 650 | 1,326 |
| LC 2 | 0 | 156 | 0 | 0 | 238 | 235 | 0 | 4 | 0 | 0 | 305 | 0 | 5 | 0 |
| LC 3 | 0 | 74 | 3 | 2 | 428 | 76 | 0 | 0 | 0 | 0 | 334 | 0 | 0 | 0 |
| LC 4 | 0 | 113 | 213 | 0 | 35 | 9 | 0 | 0 | 0 | 0 | 99 | 0 | 0 | 0 |
| LC 5 | 2 | 23 | 0 | 8 | 33 | 57 | 0 | 3 | 0 | 0 | 169 | 11 | 2 | 0 |
| LC 6 | 4 | 0 | 0 | 0 | 4 | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7 | 0 | 0 | 0 | 0 | 44 | 3 | 0 | 2 | 0 | 0 | 0 | 4 | 21 | 0 |
| LC 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9 | 0 | 0 | 0 | 0 | 0 | 64 | 0 | 0 | 4,441 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | | | | | | | | | | | | | | |
| LC 1 | 1,015 | 2,669 | 2,290 | 1,059 | 5,292 | 1,012 | 0 | 9 | 0 | 1,155 | 5,899 | 846 | 704 | 1,557 |
| LC 2 | 0 | 248 | 0 | 0 | 305 | 50 | 0 | 0 | 0 | 0 | 434 | 0 | 10 | 0 |
| LC 3 | 64 | 57 | 3 | 2 | 518 | 140 | 0 | 0 | 0 | 4 | 93 | 0 | 68 | 0 |
| LC 4 | 0 | 115 | 219 | 0 | 39 | 9 | 0 | 0 | 0 | 6 | 116 | 0 | 0 | 0 |
| LC 5 | 0 | 23 | 0 | 8 | 37 | 59 | 0 | 3 | 0 | 0 | 201 | 11 | 0 | 0 |
| LC 6 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 72 | 0 | 0 | 0 |
| LC 7 | 0 | 0 | 0 | 0 | 7 | 5 | 0 | 3 | 0 | 0 | 16 | 0 | 10 | 0 |
| LC 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,538 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | | | | | | | | | | | | | | |
| LC 1 | 1,194 | 2,704 | 2,290 | 1,059 | 5,305 | 882 | 0 | 9 | 0 | 1,217 | 5,916 | 846 | 580 | 1,356 |
| LC 2 | 0 | 156 | 0 | 0 | 451 | 51 | 0 | 0 | 0 | 0 | 584 | 0 | 10 | 0 |
| LC 3 | 62 | 59 | 3 | 2 | 350 | 173 | 0 | 0 | 0 | 0 | 90 | 0 | 62 | 0 |
| LC 4 | 0 | 113 | 216 | 0 | 39 | 9 | 0 | 0 | 0 | 0 | 92 | 0 | 0 | 0 |
| LC 5 | 0 | 23 | 0 | 8 | 36 | 57 | 0 | 3 | 0 | 0 | 198 | 11 | 0 | 0 |
| LC 6 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 71 | 0 | 0 | 0 |
| LC 7 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 |
| LC 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,405 | 0 | 0 | 0 | 0 | 0 |

TABLE 1.3. (CONTINUED)

| LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEAN | SGRBEET | WHEAT |
|--------------------------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|---------|---------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | | |
| LC 1 | 1.075 | 2.715 | 2.290 | 1.059 | 5.251 | 915 | 0 | 9 | 0 | 1.288 | 5.535 | 846 | 712 | 1.468 |
| LC 2 | 000 | 240 | 000 | 000 | 681 | 50 | 000 | 47 | 000 | 000 | 295 | 000 | 56 | 000 |
| LC 3 | 000 | 125 | 000 | 000 | 81 | 64 | 000 | 000 | 000 | 000 | 329 | 000 | 000 | 000 |
| LC 4 | 000 | 115 | 215 | 000 | 35 | 9 | 000 | 000 | 000 | 000 | 124 | 000 | 000 | 000 |
| LC 5 | 000 | 17 | 000 | 000 | 24 | 75 | 000 | 000 | 000 | 000 | 187 | 11 | 3 | 000 |
| LC 6 | 000 | 000 | 000 | 000 | 4 | 36 | 000 | 000 | 000 | 000 | 35 | 000 | 4 | 000 |
| LC 7 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 4 | 000 | 21 | 000 |
| LC 8 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 |
| LC 9 | 000 | 000 | 000 | 000 | 000 | 64 | 000 | 000 | 4.431 | 000 | 000 | 000 | 000 | 000 |
| HIGH EXPORT: | | | | | | | | | | | | | | |
| LC 1 | 1.184 | 2.723 | 2.099 | 1.074 | 4.702 | 167 | 0 | 9 | 0 | 1.749 | 5.984 | 647 | 676 | 3.528 |
| LC 2 | 33 | 246 | 000 | 000 | 495 | 33 | 000 | 000 | 000 | 33 | 437 | 000 | 52 | 42 |
| LC 3 | 000 | 468 | 000 | 000 | 117 | 000 | 000 | 000 | 000 | 000 | 306 | 000 | 000 | 000 |
| LC 4 | 000 | 114 | 215 | 000 | 35 | 000 | 000 | 000 | 000 | 000 | 52 | 000 | 000 | 000 |
| LC 5 | 40 | 17 | 000 | 000 | 24 | 18 | 000 | 000 | 000 | 000 | 115 | 30 | 40 | 40 |
| LC 6 | 44 | 74 | 000 | 000 | 000 | 22 | 000 | 000 | 000 | 000 | 35 | 000 | 4 | 13 |
| LC 7 | 21 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 31 | 000 | 21 | 21 |
| LC 8 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 |
| LC 9 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 4.005 | 000 | 000 | 000 | 000 | 000 |
| SOIL LOSS: | | | | | | | | | | | | | | |
| LC 1 | 1.031 | 2.443 | 2.197 | 1.103 | 5.444 | 1.093 | 0 | 9 | 0 | 1.468 | 5.834 | 847 | 764 | 1.627 |
| LC 2 | 000 | 246 | 1 | 000 | 346 | 43 | 000 | 45 | 000 | 000 | 236 | 000 | 69 | 14 |
| LC 3 | 000 | 39 | 7 | 000 | 515 | 000 | 000 | 000 | 000 | 000 | 328 | 000 | 000 | 000 |
| LC 4 | 000 | 114 | 216 | 000 | 44 | 000 | 000 | 000 | 000 | 000 | 115 | 000 | 000 | 000 |
| LC 5 | 000 | 17 | 000 | 000 | 84 | 75 | 000 | 000 | 000 | 000 | 186 | 11 | 000 | 000 |
| LC 6 | 4 | 000 | 000 | 000 | 26 | 9 | 000 | 000 | 000 | 000 | 107 | 000 | 4 | 000 |
| LC 7 | 000 | 000 | 000 | 000 | 23 | 5 | 000 | 11 | 000 | 000 | 9 | 000 | 11 | 000 |
| LC 8 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 | 000 |
| LC 9 | 000 | 000 | 000 | 000 | 000 | 65 | 000 | 000 | 4.333 | 000 | 000 | 000 | 000 | 000 |

TABLE 1.4. DRYLAND CROP YIELDS IN THE UNITED STATES UNDER ALTERNATIVE FUTURES

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEAN BU | SGRBEET TONS | WHEAT BU |
|-----------------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|---------------|-----------------|-------------|
| TREND: | | | | | | | | | | | | | |
| LC 1 | 51.53 | 119.30 | 13.92 | 1.40 | 3.73 | 2.52 | 56.17 | . | 48.25 | 13.59 | 37.55 | 17.94 | 33.65 |
| LC 2 | 50.75 | 126.42 | 12.79 | 1.98 | 3.74 | 2.76 | 77.66 | . | 54.63 | 10.59 | 44.97 | 20.46 | 39.55 |
| LC 3 | 45.33 | 130.23 | 15.70 | . | 4.12 | 3.65 | 72.23 | . | 52.54 | 9.53 | 43.37 | 23.00 | 38.55 |
| LC 4 | 61.62 | 122.54 | 13.01 | 1.85 | 4.10 | 2.25 | 57.60 | . | 53.12 | 16.21 | 40.07 | . | 34.45 |
| LC 5 | 31.48 | 104.54 | 11.35 | . | 3.79 | 2.57 | 57.65 | . | 48.66 | . | 35.47 | 18.09 | 38.25 |
| LC 6 | . | 94.19 | 12.07 | . | 3.49 | 2.25 | 44.51 | . | 43.94 | . | 35.24 | . | 33.13 |
| LC 7 | . | 83.21 | . | . | . | 1.78 | 43.52 | . | 67.56 | . | 29.10 | . | 33.84 |
| LC 8 | . | . | . | . | . | 2.35 | . | . | . | . | . | . | . |
| LC 9 | . | . | . | . | . | 3.13 | 16.48 | 0.15 | . | . | . | . | . |
| PRIME LANDS: | | | | | | | | | | | | | |
| LC 1 | 52.51 | 119.31 | 13.86 | 1.41 | 3.71 | 2.43 | 55.74 | . | 48.22 | 13.59 | 37.60 | 17.94 | 33.93 |
| LC 2 | 57.59 | 127.33 | 13.77 | 1.98 | 3.76 | 2.72 | 75.16 | . | 57.00 | 10.50 | 44.94 | 20.46 | 39.53 |
| LC 3 | 46.97 | 129.73 | 14.72 | . | 4.13 | 3.83 | 71.75 | . | 58.80 | 8.64 | 43.04 | 22.51 | 38.72 |
| LC 4 | 64.62 | 121.60 | 13.43 | 1.85 | 4.10 | 2.30 | 66.48 | . | 52.38 | 15.41 | 40.03 | . | 33.97 |
| LC 5 | 31.47 | 102.91 | 11.24 | . | 3.74 | 2.52 | 55.15 | . | 48.27 | . | 35.67 | 18.57 | 36.97 |
| LC 6 | . | 91.88 | 12.50 | . | 3.65 | 2.24 | 47.29 | . | 43.34 | . | 34.56 | . | 32.95 |
| LC 7 | . | 88.17 | 10.24 | . | 2.15 | 1.58 | 46.83 | . | 56.26 | . | 29.41 | . | 23.48 |
| LC 8 | . | . | . | . | . | 2.37 | . | . | . | . | . | . | . |
| LC 9 | . | . | . | . | . | 3.13 | 15.33 | 0.15 | . | . | . | . | . |
| FRAGILE: | | | | | | | | | | | | | |
| LC 1 | 54.27 | 119.27 | 14.16 | 1.40 | 3.68 | 2.36 | 58.44 | . | 48.20 | 13.53 | 37.54 | 17.94 | 33.65 |
| LC 2 | 52.58 | 125.52 | 13.69 | 1.98 | 3.78 | 3.45 | 77.14 | . | 58.46 | 9.38 | 45.04 | 20.46 | 40.35 |
| LC 3 | 41.34 | 130.22 | 15.70 | . | 4.17 | 3.75 | 72.17 | . | 60.76 | 8.81 | 42.94 | 23.57 | 39.45 |
| LC 4 | 54.62 | 121.45 | 12.87 | 1.85 | 4.14 | 2.11 | 66.85 | . | 53.26 | 16.21 | 40.59 | 19.10 | 34.61 |
| LC 5 | 35.04 | 103.09 | 11.36 | . | 3.77 | 2.43 | 55.16 | . | 53.86 | . | 35.62 | 17.87 | 35.58 |
| LC 6 | . | 97.64 | 12.09 | . | 3.48 | 2.29 | 46.91 | . | 45.56 | . | 35.42 | . | 35.11 |
| LC 7 | . | 89.04 | . | . | . | 1.89 | 43.42 | . | . | . | 27.12 | . | 33.54 |
| LC 8 | . | . | . | . | . | . | . | . | . | . | . | . | . |
| LC 9 | . | . | . | . | . | . | . | 0.16 | . | . | . | . | . |
| PRIME-FRAGILE: | | | | | | | | | | | | | |
| LC 1 | 52.44 | 119.12 | 13.84 | 1.41 | 3.79 | 2.39 | 57.77 | . | 48.24 | 13.59 | 37.61 | 18.06 | 33.68 |
| LC 2 | 50.85 | 126.26 | 13.60 | 1.98 | 3.77 | 2.72 | 77.29 | . | 57.34 | 10.74 | 44.95 | 20.46 | 39.43 |
| LC 3 | 43.77 | 130.27 | 14.57 | . | 4.20 | 3.57 | 73.32 | . | 59.21 | 8.77 | 42.93 | 22.83 | 38.95 |
| LC 4 | 54.62 | 120.37 | 13.47 | 1.85 | 4.14 | 2.27 | 64.70 | . | 52.59 | 16.42 | 40.69 | 19.10 | 33.23 |
| LC 5 | 31.99 | 102.06 | 11.46 | . | 3.77 | 2.46 | 57.53 | . | 52.01 | . | 35.55 | 18.57 | 37.22 |
| LC 6 | . | 99.22 | 12.20 | . | 3.67 | 2.32 | 42.63 | . | 45.58 | . | 35.02 | . | 37.18 |
| LC 7 | . | 89.02 | . | . | . | 1.89 | 40.98 | . | . | . | 28.59 | . | 33.86 |
| LC 8 | . | . | . | . | . | . | . | . | . | . | . | . | . |
| LC 9 | . | . | . | . | . | . | . | 0.16 | . | . | . | . | . |

TABLE 1.3. (CONTINUED)

| LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEAN | SGRBEET | WHEAT |
|--------------------------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|---------|---------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | | |
| LC 1 | 1.075 | 2.715 | 2.290 | 1.059 | 5.254 | 915 | 0 | 9 | 0 | 1.288 | 5.833 | 846 | 712 | 1.468 |
| LC 2 | 0 | 240 | 0 | 0 | 681 | 50 | 0 | 47 | 0 | 0 | 295 | 0 | 56 | 0 |
| LC 3 | 0 | 125 | 0 | 0 | 91 | 6 | 0 | 2 | 0 | 0 | 329 | 0 | 0 | 0 |
| LC 4 | 0 | 115 | 214 | 0 | 33 | 9 | 0 | 0 | 0 | 0 | 124 | 0 | 0 | 0 |
| LC 5 | 0 | 17 | 0 | 0 | 21 | 73 | 0 | 0 | 0 | 0 | 187 | 11 | 3 | 0 |
| LC 6 | 0 | 0 | 0 | 0 | 4 | 36 | 0 | 2 | 0 | 0 | 33 | 0 | 4 | 0 |
| LC 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 0 |
| LC 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9 | 0 | 0 | 0 | 0 | 0 | 54 | 0 | 0 | 4.431 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | | |
| LC 1 | 1.184 | 2.723 | 2.099 | 1.074 | 4.702 | 167 | 0 | 9 | 0 | 1.749 | 5.984 | 647 | 676 | 3.528 |
| LC 2 | 33 | 246 | 0 | 0 | 495 | 3 | 0 | 0 | 0 | 33 | 437 | 0 | 52 | 42 |
| LC 3 | 0 | 468 | 0 | 0 | 117 | 0 | 0 | 0 | 0 | 0 | 306 | 0 | 0 | 0 |
| LC 4 | 0 | 114 | 215 | 0 | 35 | 9 | 0 | 2 | 0 | 0 | 52 | 0 | 0 | 0 |
| LC 5 | 40 | 17 | 0 | 0 | 24 | 18 | 0 | 0 | 0 | 0 | 115 | 30 | 40 | 40 |
| LC 6 | 44 | 74 | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 0 | 35 | 0 | 4 | 13 |
| LC 7 | 21 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 31 | 4 | 21 | 21 |
| LC 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.005 | 0 | 0 | 0 | 0 | 0 |
| SOIL LOSS: | | | | | | | | | | | | | | |
| LC 1 | 1.031 | 2.443 | 2.197 | 1.103 | 5.444 | 1.093 | 0 | 9 | 0 | 1.468 | 5.834 | 847 | 764 | 1.627 |
| LC 2 | 0 | 246 | 1 | 0 | 346 | 43 | 0 | 4 | 0 | 0 | 236 | 0 | 69 | 14 |
| LC 3 | 0 | 39 | 7 | 0 | 515 | 0 | 0 | 5 | 0 | 0 | 328 | 0 | 0 | 0 |
| LC 4 | 0 | 114 | 216 | 0 | 44 | 0 | 0 | 2 | 0 | 0 | 115 | 6 | 0 | 0 |
| LC 5 | 0 | 17 | 0 | 0 | 84 | 75 | 0 | 0 | 0 | 0 | 196 | 11 | 0 | 0 |
| LC 6 | 44 | 0 | 0 | 0 | 26 | 9 | 0 | 0 | 0 | 0 | 107 | 0 | 4 | 0 |
| LC 7 | 0 | 0 | 0 | 0 | 23 | 5 | 0 | 1 | 0 | 0 | 9 | 4 | 11 | 0 |
| LC 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9 | 0 | 0 | 0 | 0 | 0 | 65 | 0 | 0 | 4.333 | 0 | 0 | 0 | 0 | 0 |

TABLE 1.4. DRYLAND CROP YIELDS IN THE UNITED STATES UNDER ALTERNATIVE FUTURES

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEAN BU | SGRBEET TONS | WHEAT BU |
|----------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|---------------|-----------------|-------------|
| TREND: | | | | | | | | | | | | | |
| LC 1 | 51.53 | 119.30 | 13.92 | 1.40 | 3.73 | 2.52 | 56.17 | . | 48.25 | 13.59 | 37.55 | 17.94 | 33.65 |
| LC 2 | 50.75 | 126.42 | 12.79 | 1.98 | 3.74 | 2.76 | 77.80 | . | 54.63 | 10.39 | 44.37 | 20.46 | 39.55 |
| LC 3 | 43.34 | 130.23 | 15.70 | . | 4.12 | 3.65 | 72.23 | . | 52.54 | 9.53 | 43.37 | 23.00 | 38.55 |
| LC 4 | 61.62 | 122.54 | 13.01 | 1.85 | 4.10 | 2.25 | 67.60 | . | 53.12 | 16.21 | 40.07 | . | 34.46 |
| LC 5 | 34.48 | 104.54 | 11.35 | . | 3.79 | 2.57 | 57.89 | . | 48.66 | . | 35.47 | 18.09 | 48.25 |
| LC 6 | . | 94.19 | 12.07 | . | 3.49 | 2.25 | 44.51 | . | 43.94 | . | 35.24 | . | 33.13 |
| LC 7 | . | 89.21 | . | . | . | 1.78 | 43.02 | . | 67.56 | . | 29.10 | . | 33.84 |
| LC 8 | . | . | . | . | . | 2.35 | . | . | . | . | . | . | . |
| LC 9 | . | . | . | . | . | 3.13 | 15.48 | 0.15 | . | . | . | . | . |
| PRIME LANDS: | | | | | | | | | | | | | |
| LC 1 | 52.51 | 119.31 | 13.86 | 1.41 | 3.71 | 2.43 | 55.74 | . | 48.22 | 13.59 | 37.60 | 17.94 | 33.93 |
| LC 2 | 57.59 | 127.33 | 13.77 | 1.98 | 3.76 | 2.72 | 75.16 | . | 57.00 | 10.50 | 44.94 | 20.46 | 39.53 |
| LC 3 | 46.97 | 129.73 | 14.72 | . | 4.13 | 3.83 | 71.75 | . | 58.80 | 8.64 | 43.04 | 22.51 | 38.72 |
| LC 4 | 64.52 | 121.00 | 13.43 | 1.85 | 4.10 | 2.30 | 66.48 | . | 52.38 | 15.41 | 40.03 | . | 33.97 |
| LC 5 | 31.47 | 102.91 | 11.24 | . | 3.74 | 2.52 | 53.15 | . | 48.27 | . | 35.67 | 18.67 | 36.97 |
| LC 6 | . | 91.88 | 12.50 | . | 3.65 | 2.24 | 47.29 | . | 43.94 | . | 34.50 | . | 42.95 |
| LC 7 | . | 88.17 | 10.24 | . | 2.15 | 1.58 | 46.83 | . | 58.26 | . | 29.41 | . | 23.48 |
| LC 8 | . | . | . | . | . | 2.37 | . | . | . | . | . | . | . |
| LC 9 | . | . | . | . | . | 3.13 | 15.33 | 0.15 | . | . | . | . | . |
| FRAGILE: | | | | | | | | | | | | | |
| LC 1 | 54.27 | 119.27 | 14.16 | 1.40 | 3.68 | 2.36 | 58.44 | . | 48.20 | 13.33 | 37.54 | 17.94 | 33.68 |
| LC 2 | 52.58 | 125.52 | 13.69 | 1.98 | 3.78 | 3.45 | 77.14 | . | 58.46 | 9.38 | 45.04 | 20.46 | 40.35 |
| LC 3 | 41.34 | 130.22 | 15.70 | . | 4.17 | 3.75 | 72.17 | . | 60.76 | 8.81 | 42.94 | 23.57 | 39.45 |
| LC 4 | 64.62 | 121.45 | 12.87 | 1.85 | 4.14 | 2.11 | 66.85 | . | 53.26 | 16.21 | 40.59 | 19.10 | 34.61 |
| LC 5 | 35.04 | 103.09 | 11.36 | . | 3.77 | 2.43 | 55.15 | . | 53.86 | . | 35.62 | 17.87 | 35.58 |
| LC 6 | . | 97.64 | 12.09 | . | 3.48 | 2.29 | 46.91 | . | 45.50 | . | 35.42 | . | 35.11 |
| LC 7 | . | 89.04 | . | . | . | 1.89 | 43.42 | . | . | . | 27.12 | . | 33.54 |
| LC 8 | . | . | . | . | . | . | . | . | . | . | . | . | . |
| LC 9 | . | . | . | . | . | . | . | 0.16 | . | . | . | . | . |
| PRIME-FRAGILE: | | | | | | | | | | | | | |
| LC 1 | 52.44 | 119.12 | 13.84 | 1.41 | 3.79 | 2.39 | 57.77 | . | 48.24 | 13.59 | 37.61 | 18.06 | 33.63 |
| LC 2 | 50.85 | 124.26 | 13.60 | 1.98 | 3.77 | 2.72 | 77.29 | . | 57.34 | 10.74 | 44.95 | 20.46 | 39.43 |
| LC 3 | 43.77 | 130.27 | 14.57 | . | 4.20 | 3.57 | 73.32 | . | 59.21 | 8.77 | 42.93 | 22.83 | 38.95 |
| LC 4 | 64.62 | 120.37 | 13.47 | 1.85 | 4.14 | 2.27 | 64.70 | . | 52.59 | 16.42 | 40.69 | 19.10 | 33.23 |
| LC 5 | 31.99 | 102.06 | 11.46 | . | 3.77 | 2.46 | 57.53 | . | 52.01 | . | 35.55 | 18.57 | 37.22 |
| LC 6 | . | 99.22 | 12.20 | . | 3.67 | 2.32 | 42.60 | . | 45.58 | . | 35.02 | . | 37.18 |
| LC 7 | . | 89.02 | . | . | . | 1.89 | 40.98 | . | . | . | 28.59 | . | 33.86 |
| LC 8 | . | . | . | . | . | . | . | . | . | . | . | . | . |
| LC 9 | . | . | . | . | . | . | . | 0.16 | . | . | . | . | . |

TABLE 1.4. (CONTINUED)

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEAN BU | SGRBEET TONS | WHEAT BU |
|-------------------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|---------------|-----------------|-------------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | |
| LC 1 | 51.68 | 119.01 | 14.29 | 1.40 | 3.75 | 2.41 | 56.31 | . | 48.25 | 13.54 | 37.55 | 17.94 | 33.68 |
| LC 2 | 58.70 | 126.47 | 13.67 | 1.98 | 3.75 | 2.97 | 77.73 | . | 56.25 | 10.64 | 44.95 | 20.46 | 39.62 |
| LC 3 | 46.79 | 130.13 | 15.74 | . | 4.13 | 3.60 | 72.73 | . | 58.54 | 8.58 | 43.32 | 23.57 | 38.52 |
| LC 4 | 54.62 | 122.17 | 13.01 | 1.85 | 4.11 | 2.25 | 67.61 | . | 53.11 | 16.22 | 40.07 | . | 34.20 |
| LC 5 | 51.47 | 105.45 | 11.33 | . | 3.75 | 2.56 | 57.85 | . | 48.86 | . | 35.37 | 17.86 | 35.42 |
| LC 6 | . | 94.04 | 12.12 | . | 3.50 | 2.24 | 44.79 | . | 44.95 | . | 35.25 | . | 33.26 |
| LC 7 | . | 89.26 | . | . | . | 1.87 | 44.31 | . | 60.28 | . | 29.65 | . | 29.81 |
| LC 8 | . | . | . | . | . | 2.37 | . | . | . | . | . | . | . |
| LC 9 | . | . | . | . | . | 3.13 | 18.43 | 0.15 | . | . | . | . | . |
| HIGH EXPORT: | | | | | | | | | | | | | |
| LC 1 | 55.75 | 120.35 | 13.91 | 1.37 | 3.22 | 2.31 | 55.57 | . | 48.26 | 13.53 | 37.06 | 17.95 | 32.63 |
| LC 2 | 51.15 | 131.43 | . | 1.98 | 3.86 | 3.20 | 80.93 | . | 59.37 | 9.97 | 44.91 | . | 39.38 |
| LC 3 | 57.51 | 127.28 | 15.04 | . | 4.69 | 4.16 | 75.64 | . | 55.95 | 13.26 | 43.59 | 23.57 | 37.99 |
| LC 4 | 35.65 | 117.02 | 11.55 | 1.86 | 3.68 | 2.41 | 69.54 | . | 53.99 | 11.91 | 39.79 | 19.10 | 30.23 |
| LC 5 | 39.88 | 108.45 | 12.71 | . | 4.01 | 2.52 | 65.43 | . | 47.13 | . | 35.54 | 18.80 | 34.00 |
| LC 6 | 29.20 | 99.63 | 7.71 | . | 3.53 | 2.07 | 48.85 | . | 40.31 | 10.38 | 34.77 | . | 30.27 |
| LC 7 | . | 80.27 | 7.73 | . | 2.31 | 1.55 | 43.77 | . | 45.01 | . | 27.86 | . | 25.60 |
| LC 8 | . | . | . | . | . | 1.93 | . | . | . | . | . | . | . |
| LC 9 | . | 45.88 | 6.47 | . | 2.21 | 2.07 | 39.13 | 0.15 | 29.94 | . | 16.95 | . | 15.25 |
| SOIL LOSS: | | | | | | | | | | | | | |
| LC 1 | 53.67 | 117.31 | 14.15 | 1.39 | 3.75 | 2.40 | 55.63 | . | 48.26 | 11.58 | 37.61 | 17.94 | 33.41 |
| LC 2 | 54.92 | 125.79 | 14.98 | 1.98 | 3.75 | 3.45 | 79.20 | . | 56.93 | 10.20 | 44.81 | 18.34 | 37.50 |
| LC 3 | 55.55 | 130.08 | 15.35 | . | 4.09 | 3.88 | 64.97 | . | 53.15 | 9.78 | 43.57 | 23.57 | 38.35 |
| LC 4 | . | 124.89 | 12.26 | 1.95 | 4.24 | 2.26 | 73.28 | . | 54.88 | 16.21 | 39.63 | . | 36.40 |
| LC 5 | 31.92 | 106.40 | 10.65 | . | 3.55 | 2.47 | 81.84 | . | 49.97 | . | 37.58 | 18.96 | 33.21 |
| LC 6 | . | 101.35 | 12.06 | . | 3.83 | 2.08 | 54.87 | . | 47.89 | . | 34.94 | . | 33.90 |
| LC 7 | . | 94.22 | 9.61 | . | . | 2.01 | 52.20 | . | 56.21 | . | 30.89 | . | 26.95 |
| LC 8 | . | . | . | . | . | 2.11 | . | . | . | . | . | . | . |
| LC 9 | . | . | . | . | . | 2.96 | . | 0.15 | . | . | . | . | . |

TABLE 1.5. IRRIGATED CROP YIELDS IN THE UNITED STATES UNDER ALTERNATIVE FUTURES

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEAN BU | SGRBEET TONS | WHEAT BU |
|----------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|---------------|-----------------|-------------|
| TREND: | | | | | | | | | | | | | |
| LC 1 | 67.84 | 132.07 | 21.38 | 1.49 | 5.39 | 2.81 | 75.20 | . | 99.59 | 22.42 | 43.50 | 23.96 | 62.42 |
| LC 2 | . | 158.91 | . | 1.64 | 6.13 | 4.80 | 112.57 | . | . | 21.46 | . | 27.45 | . |
| LC 3 | . | 138.24 | 24.05 | 1.45 | 6.40 | 4.05 | 66.51 | . | . | 22.20 | . | . | . |
| LC 4 | . | 143.68 | 18.33 | 1.64 | 6.74 | 3.66 | . | . | . | 15.02 | . | . | . |
| LC 5 | 76.10 | 115.96 | . | 1.13 | 5.52 | 2.91 | . | . | . | 16.37 | 48.26 | 22.32 | 49.51 |
| LC 6 | 77.82 | . | . | . | 2.96 | 3.20 | 50.33 | . | . | 14.00 | . | 19.30 | . |
| LC 7 | . | 94.46 | . | . | 2.72 | 2.72 | 47.20 | . | . | 10.54 | 34.95 | 22.55 | . |
| LC 8 | . | . | . | . | . | . | . | 0.71 | . | . | . | . | . |
| LC 9 | . | . | . | . | . | 5.66 | . | . | . | . | . | . | . |
| PRIME LANDS: | | | | | | | | | | | | | |
| LC 1 | 66.37 | 133.00 | 21.36 | 1.46 | 5.39 | 2.87 | 75.21 | . | 99.12 | 22.42 | 43.50 | 23.96 | 61.11 |
| LC 2 | . | 157.36 | . | 1.64 | 6.01 | 3.64 | 102.65 | . | . | 21.43 | . | 27.44 | . |
| LC 3 | . | 144.41 | 24.05 | 1.45 | 6.08 | 4.05 | 53.91 | . | . | 22.21 | . | . | . |
| LC 4 | . | 143.69 | 18.33 | 1.64 | 6.74 | 3.66 | . | . | . | 19.25 | . | . | . |
| LC 5 | 76.10 | 111.66 | . | 1.13 | 5.19 | 2.79 | 45.01 | . | . | 16.57 | 48.26 | 22.32 | 49.51 |
| LC 6 | 77.82 | . | . | . | 2.96 | 3.20 | 50.33 | . | . | . | . | 19.30 | . |
| LC 7 | . | 94.46 | . | . | 2.72 | 2.72 | 47.20 | . | . | 10.54 | 34.95 | 22.55 | . |
| LC 8 | . | . | . | . | . | . | . | 0.71 | . | . | . | . | . |
| LC 9 | . | . | . | . | . | 5.66 | . | . | . | . | . | . | . |
| FRAGILE: | | | | | | | | | | | | | |
| LC 1 | 59.18 | 131.95 | 21.38 | 1.49 | 5.41 | 2.86 | 77.46 | . | 99.04 | 22.42 | 43.50 | 23.93 | 62.04 |
| LC 2 | . | 159.02 | . | 1.64 | 6.37 | 4.80 | 73.90 | . | . | 21.36 | . | 25.39 | . |
| LC 3 | 110.17 | 145.76 | 24.05 | 1.45 | 6.14 | 4.37 | 66.91 | . | 129.28 | 21.72 | . | 28.75 | . |
| LC 4 | . | 143.69 | 18.33 | 1.64 | 6.74 | 3.66 | . | . | . | 19.31 | . | . | . |
| LC 5 | . | 111.57 | . | 1.13 | 5.21 | 2.79 | 45.01 | . | . | 16.88 | 48.26 | . | . |
| LC 6 | . | . | . | . | 1.51 | . | . | . | . | 14.00 | . | . | . |
| LC 7 | 49.38 | . | . | . | 2.59 | 2.54 | 47.25 | . | . | 11.42 | 34.95 | 21.33 | 32.13 |
| LC 8 | . | . | . | . | . | . | . | 0.71 | . | . | . | . | . |
| LC 9 | . | . | . | . | . | . | . | . | . | . | . | . | . |
| PRIME-FRAGILE: | | | | | | | | | | | | | |
| LC 1 | 56.42 | 132.67 | 21.38 | 1.47 | 5.40 | 2.81 | 75.21 | . | 99.15 | 22.42 | 43.50 | 23.98 | 61.04 |
| LC 2 | . | 157.36 | . | 1.64 | 6.31 | 4.80 | 68.42 | . | . | 21.36 | . | 25.39 | . |
| LC 3 | 111.04 | 148.22 | 24.05 | 1.45 | 6.10 | 4.31 | 65.91 | . | . | 21.70 | . | 28.52 | . |
| LC 4 | . | 143.69 | 18.33 | 1.64 | 6.74 | 3.66 | . | . | . | 19.25 | . | . | . |
| LC 5 | . | 111.66 | . | 1.13 | 5.22 | 2.79 | 45.01 | . | . | 16.88 | 48.26 | . | . |
| LC 6 | . | . | . | . | . | . | . | . | . | 14.00 | . | . | . |
| LC 7 | 49.38 | 94.46 | . | . | 4.04 | 2.72 | 43.38 | . | . | 11.60 | 34.95 | 20.62 | 32.13 |
| LC 8 | . | . | . | . | . | . | . | 0.71 | . | . | . | . | . |
| LC 9 | . | . | . | . | . | . | . | . | . | . | . | . | . |

TABLE 1.5. (CONTINUED)

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEAN BU | SGRBEET TONS | WHEAT BU |
|-------------------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|---------------|-----------------|-------------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | |
| LC 1 | 67.44 | 132.26 | 21.38 | 1.49 | 5.39 | 2.82 | 75.91 | . | 99.52 | 22.42 | 43.50 | 23.90 | 62.39 |
| LC 2 | . | 158.89 | . | 1.64 | 6.13 | 4.80 | 102.67 | . | . | 21.46 | . | 27.45 | . |
| LC 3 | . | 137.35 | 24.05 | 1.45 | 6.31 | 4.05 | 66.91 | . | . | 22.20 | . | . | . |
| LC 4 | . | 143.69 | 18.33 | 1.64 | 6.74 | 3.66 | . | . | . | 19.02 | . | . | . |
| LC 5 | 76.10 | 115.96 | . | 1.13 | 5.52 | 3.27 | . | . | . | 16.87 | 48.26 | 22.32 | 49.51 |
| LC 6 | 77.82 | . | . | . | . | 3.20 | . | . | . | 14.00 | . | 19.02 | . |
| LC 7 | . | 94.46 | . | . | 2.72 | 2.72 | 47.20 | . | . | 10.54 | 34.95 | 22.55 | . |
| LC 8 | . | . | . | . | . | . | . | . | . | . | . | . | . |
| LC 9 | . | . | . | . | . | 5.66 | . | 0.72 | . | . | . | . | . |
| HIGH EXPORT: | | | | | | | | | | | | | |
| LC 1 | 71.76 | 133.90 | 21.32 | 1.50 | 5.52 | 3.44 | 75.90 | . | 100.34 | 22.42 | 43.50 | 23.58 | 59.29 |
| LC 2 | 93.50 | 159.07 | . | 1.64 | 6.31 | 4.08 | . | . | 108.11 | 21.37 | . | 26.10 | 72.22 |
| LC 3 | . | 133.50 | 24.05 | 1.45 | 6.17 | 3.66 | 66.91 | . | . | 22.19 | . | . | . |
| LC 4 | . | 143.68 | 18.33 | 1.64 | 6.74 | 3.66 | . | . | . | 18.70 | . | . | . |
| LC 5 | 76.10 | 115.96 | . | 1.13 | 5.52 | 3.27 | . | . | . | 14.97 | 45.78 | 22.32 | 49.51 |
| LC 6 | 77.82 | 132.58 | . | . | . | 3.41 | . | . | . | 13.79 | 31.37 | 19.02 | 54.05 |
| LC 7 | 49.38 | 94.46 | . | . | 4.04 | 2.72 | 43.08 | . | . | 12.02 | 34.95 | 20.62 | 32.13 |
| LC 8 | . | . | . | . | . | . | . | . | . | . | . | . | . |
| LC 9 | . | . | . | . | . | . | . | 0.71 | . | . | . | . | . |
| SOIL LOSS: | | | | | | | | | | | | | |
| LC 1 | 72.66 | 132.89 | 21.29 | 1.46 | 5.48 | 2.74 | 75.90 | . | 100.33 | 22.42 | 43.50 | 25.96 | 60.12 |
| LC 2 | . | 159.07 | 19.98 | 1.64 | 6.07 | 3.31 | 102.65 | . | . | 21.52 | . | 27.48 | 77.51 |
| LC 3 | 111.04 | 148.20 | 22.58 | 1.45 | 6.04 | 4.41 | 61.96 | . | . | 22.20 | . | 28.82 | . |
| LC 4 | . | 143.68 | 18.33 | 1.64 | 6.40 | 3.26 | . | . | . | 19.09 | 45.05 | . | . |
| LC 5 | . | 115.96 | . | 1.13 | 4.59 | 3.26 | . | . | . | 16.86 | 48.26 | . | . |
| LC 6 | 77.82 | . | . | . | 4.06 | 3.41 | . | . | . | 14.00 | . | 19.02 | . |
| LC 7 | . | . | . | . | 2.67 | 2.64 | 47.25 | . | . | 10.54 | 34.95 | 22.55 | . |
| LC 8 | . | . | . | . | . | . | . | . | . | . | . | . | . |
| LC 9 | . | . | . | . | . | 5.66 | . | 0.72 | . | . | . | . | . |

TABLE 1.6. QUANTITIES OF CROP COMMODITIES PRODUCED (THOUSANDS OF UNITS) IN THE UNITED STATES UNDER ALTERNATIVE FUTURES

| | | UNIT | PRODUCED | INTER | CONSUMED | NET EXPORT |
|----------------|----------|-------|-----------|-----------|----------|------------|
| TREND: | CORN | BU | 6,989,184 | 4,291,460 | 630,930 | 2,066,792 |
| | SORGHUM | BU | 1,126,189 | 730,990 | 15,197 | 380,001 |
| | BARLEY | BU | 684,193 | 430,375 | 218,817 | 34,999 |
| | ODS | BU | 787,223 | 661,971 | 104,252 | 20,998 |
| | WHEAT | BU | 1,703,746 | 81,650 | 703,098 | 918,997 |
| | SOYBEANS | BU | 3,553,462 | 1,552,223 | 514,970 | 1,486,266 |
| | COTTON | BALES | 10,767 | 0 | 6,558 | 4,208 |
| PRIME LANDS: | CORN | BU | 6,989,184 | 4,213,794 | 630,930 | 2,144,459 |
| | SORGHUM | BU | 1,126,189 | 730,989 | 15,197 | 380,002 |
| | BARLEY | BU | 684,193 | 423,176 | 218,817 | 42,199 |
| | ODS | BU | 787,223 | 660,577 | 104,252 | 22,393 |
| | WHEAT | BU | 1,703,746 | 78,651 | 703,098 | 921,997 |
| | SOYBEANS | BU | 3,553,462 | 1,538,615 | 514,970 | 1,499,873 |
| | COTTON | BALES | 10,767 | 0 | 6,558 | 4,208 |
| FRAGILE: | CORN | BU | 6,989,184 | 4,291,460 | 630,930 | 2,066,792 |
| | SORGHUM | BU | 1,126,189 | 730,990 | 15,197 | 380,001 |
| | BARLEY | BU | 684,193 | 430,375 | 218,817 | 34,999 |
| | ODS | BU | 787,223 | 661,971 | 104,252 | 20,998 |
| | WHEAT | BU | 1,703,746 | 81,650 | 703,098 | 918,997 |
| | SOYBEANS | BU | 3,553,462 | 1,552,223 | 514,970 | 1,486,266 |
| | COTTON | BALES | 10,767 | 0 | 6,558 | 4,208 |
| PRIME-FRAGILE: | CORN | BU | 6,989,184 | 4,291,460 | 630,930 | 2,066,792 |
| | SORGHUM | BU | 1,126,189 | 730,990 | 15,197 | 380,001 |
| | BARLEY | BU | 684,193 | 430,375 | 218,817 | 34,999 |
| | ODS | BU | 787,223 | 661,971 | 104,252 | 20,998 |
| | WHEAT | BU | 1,703,746 | 81,650 | 703,098 | 918,997 |
| | SOYBEANS | BU | 3,553,462 | 1,552,223 | 514,970 | 1,486,266 |
| | COTTON | BALES | 10,767 | 0 | 6,558 | 4,208 |
| ENV. COR. | CORN | BU | 6,989,184 | 4,291,460 | 630,930 | 2,066,792 |
| | SORGHUM | BU | 1,126,189 | 730,990 | 15,197 | 380,001 |
| | BARLEY | BU | 684,193 | 430,375 | 218,817 | 34,999 |
| | ODS | BU | 787,223 | 661,971 | 104,252 | 20,998 |
| | WHEAT | BU | 1,703,746 | 81,650 | 703,098 | 918,997 |
| | SOYBEANS | BU | 3,553,462 | 1,552,223 | 514,970 | 1,486,266 |
| | COTTON | BALES | 10,767 | 0 | 6,558 | 4,208 |
| HIGH EXPORT: | CORN | BU | 8,129,183 | 4,291,460 | 630,930 | 3,206,792 |
| | SORGHUM | BU | 1,196,189 | 730,990 | 15,197 | 450,001 |
| | BARLEY | BU | 689,193 | 430,375 | 218,817 | 39,999 |
| | ODS | BU | 795,223 | 661,971 | 104,252 | 28,998 |
| | WHEAT | BU | 2,263,746 | 81,650 | 703,098 | 1,478,997 |
| | SOYBEANS | BU | 3,780,178 | 1,552,223 | 514,970 | 1,712,983 |
| | COTTON | BALES | 11,163 | 0 | 6,558 | 4,604 |
| SOIL LOSS: | CORN | BU | 6,989,184 | 4,291,460 | 630,930 | 2,066,792 |
| | SORGHUM | BU | 1,126,189 | 730,990 | 15,197 | 380,001 |
| | BARLEY | BU | 684,193 | 430,375 | 218,817 | 34,999 |
| | ODS | BU | 787,223 | 661,971 | 104,252 | 20,998 |
| | WHEAT | BU | 1,703,746 | 81,650 | 703,098 | 918,997 |
| | SOYBEANS | BU | 3,553,462 | 1,552,223 | 514,970 | 1,486,266 |
| | COTTON | BALES | 10,767 | 0 | 6,558 | 4,206 |

TABLE 1.7. RESOURCE USE IN CROP PRODUCTION (THOUSANDS OF DOLLARS) IN THE UNITED STATES UNDER ALTERNATIVE FUTURES

| TREND: | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|----------------|-----------|---------|---------|---------|----------|-----------|---------|
| BARLEY | 114,726 | 14,456 | 61,112 | 57,316 | 49,130 | 399,503 | 6,423 |
| CORN G | 1585,536 | 93,455 | 408,265 | 607,495 | 465,009 | 2743,144 | 205,624 |
| CORN S | 166,239 | 49,659 | 145,114 | 51,549 | 60,034 | 598,764 | 37,362 |
| COTTON | 196,897 | 29,567 | 177,964 | 110,007 | 56,517 | 507,114 | 64,100 |
| HAY L | 596,020 | 176,821 | 356,923 | 51,810 | 257,250 | 1,001,221 | 141,424 |
| HAY N | 561,039 | 12,367 | 182,132 | 122,341 | 133,558 | 1,011,000 | 104,010 |
| S FALLOW | 104,597 | 0 | 7,504 | 529 | 105,068 | 35,367 | 0 |
| OATS | 165,967 | 7,448 | 47,942 | 23,972 | 64,237 | 333,775 | 6,213 |
| SOFG G | 150,430 | 28,585 | 20,865 | 132,344 | 61,758 | 714,177 | 5,273 |
| SOFG S | 321,712 | 296,544 | 121,193 | 8,543 | 26,232 | 440,576 | 16,333 |
| SOYBEANS | 2,483,423 | 47,974 | 414,670 | 812,160 | 663,055 | 3,531,330 | 147,357 |
| SUGAR BEET | 43,384 | 20,840 | 130,873 | 27,366 | 31,291 | 119,665 | 16,317 |
| WHEAT | 527,673 | 18,425 | 170,340 | 157,031 | 163,624 | 1,217,223 | 31,034 |
| PRIME LANDS: | | | | | | | |
| BARLEY | 107,608 | 15,944 | 60,705 | 44,522 | 48,631 | 392,437 | 6,348 |
| CORN G | 1596,536 | 83,654 | 406,775 | 586,482 | 468,411 | 2733,846 | 205,647 |
| CORN S | 154,009 | 48,043 | 141,085 | 46,257 | 59,670 | 583,840 | 36,930 |
| COTTON | 180,744 | 28,814 | 191,042 | 96,699 | 53,296 | 509,251 | 63,646 |
| HAY L | 335,563 | 170,487 | 356,943 | 54,744 | 298,007 | 1,513,000 | 145,804 |
| HAY N | 313,861 | 21,236 | 185,912 | 97,376 | 152,932 | 1,020,238 | 105,309 |
| S FALLOW | 98,869 | 0 | 7,589 | 231 | 93,431 | 35,824 | 0 |
| OATS | 166,267 | 2,479 | 48,270 | 24,557 | 64,578 | 335,112 | 6,314 |
| SOFG G | 112,364 | 21,587 | 81,366 | 125,359 | 63,173 | 619,037 | 9,444 |
| SOFG S | 307,594 | 289,393 | 122,674 | 8,564 | 26,119 | 445,894 | 17,135 |
| SOYBEANS | 2,147,896 | 46,592 | 414,028 | 746,519 | 667,436 | 3,915,052 | 146,654 |
| SUGAR BEET | 42,137 | 15,343 | 129,676 | 27,431 | 30,906 | 113,857 | 16,128 |
| WHEAT | 453,457 | 15,967 | 169,032 | 166,096 | 163,940 | 1,214,536 | 30,960 |
| FRAGILE: | | | | | | | |
| BARLEY | 129,498 | 14,555 | 65,026 | 55,536 | 48,329 | 404,269 | 6,227 |
| CORN G | 1,986,939 | 93,743 | 409,532 | 590,191 | 469,293 | 2,751,087 | 205,521 |
| CORN S | 184,171 | 50,368 | 143,032 | 53,513 | 59,418 | 559,070 | 36,677 |
| COTTON | 203,959 | 29,314 | 177,970 | 110,003 | 56,518 | 507,613 | 64,101 |
| HAY L | 814,147 | 184,217 | 355,413 | 61,017 | 300,315 | 1,612,822 | 145,705 |
| HAY N | 411,876 | 15,574 | 184,693 | 79,206 | 152,695 | 1,012,391 | 102,874 |
| S FALLOW | 132,102 | 0 | 7,218 | 520 | 93,913 | 35,811 | 0 |
| OATS | 223,454 | 483 | 46,142 | 25,999 | 62,774 | 332,537 | 6,351 |
| SOFG G | 167,533 | 24,709 | 80,821 | 131,101 | 62,982 | 615,448 | 9,319 |
| SOFG S | 361,962 | 299,166 | 123,681 | 10,020 | 26,945 | 452,555 | 17,422 |
| SOYBEANS | 2,554,244 | 50,217 | 415,689 | 741,507 | 662,897 | 3,937,050 | 147,371 |
| SUGAR BEET | 42,148 | 20,378 | 132,189 | 27,724 | 30,864 | 117,732 | 16,470 |
| WHEAT | 536,045 | 19,035 | 170,047 | 165,353 | 167,729 | 1,209,819 | 31,673 |
| PRIME-FRAGILE: | | | | | | | |
| BARLEY | 111,496 | 17,355 | 61,289 | 53,877 | 46,539 | 385,623 | 6,330 |
| CORN G | 1,678,587 | 83,477 | 407,913 | 595,220 | 470,621 | 2,742,755 | 205,177 |
| CORN S | 156,834 | 47,747 | 141,676 | 50,275 | 59,932 | 556,389 | 37,030 |
| COTTON | 182,130 | 27,805 | 190,161 | 100,466 | 53,572 | 509,103 | 63,777 |
| HAY L | 650,875 | 174,998 | 355,562 | 58,883 | 300,096 | 1,602,045 | 144,426 |
| HAY N | 336,521 | 15,570 | 181,592 | 61,929 | 151,955 | 994,945 | 101,914 |
| S FALLOW | 98,260 | 0 | 7,450 | 56 | 92,806 | 35,226 | 0 |
| OATS | 177,800 | 362 | 47,924 | 29,288 | 62,856 | 331,706 | 6,320 |
| SOFG G | 109,863 | 24,710 | 79,877 | 121,961 | 62,665 | 613,965 | 9,076 |
| SOFG S | 297,436 | 283,267 | 122,640 | 8,748 | 26,561 | 445,769 | 17,060 |
| SOYBEANS | 2,191,509 | 48,547 | 416,101 | 675,424 | 667,458 | 3,926,739 | 146,896 |
| SUGAR BEET | 45,842 | 19,695 | 128,860 | 27,089 | 29,938 | 114,924 | 15,637 |
| WHEAT | 473,544 | 16,562 | 157,750 | 167,376 | 162,009 | 1,204,431 | 30,654 |

TABLE 1.7. (CONTINUED)

| | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|-------------------------|----------|---------|---------|----------|----------|----------|---------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| BARLEY | 136,286 | 14,711 | 62,228 | 71,559 | 48,220 | 387,415 | 6,547 |
| CORN G | 1906,730 | 94,434 | 408,486 | 612,755 | 468,537 | 2740,706 | 205,421 |
| CORN S | 158,005 | 44,721 | 141,840 | 52,717 | 56,781 | 553,668 | 36,295 |
| COTTON | 196,296 | 24,508 | 178,028 | 110,014 | 56,820 | 527,638 | 64,120 |
| HAY L | 736,370 | 174,527 | 356,709 | 51,723 | 295,930 | 1606,440 | 145,139 |
| HAY N | 371,429 | 12,383 | 186,924 | 127,480 | 154,802 | 1032,669 | 106,528 |
| S FALLOW | 120,602 | 0 | 7,260 | 528 | 93,337 | 34,173 | 0 |
| DATS | 201,036 | 2,454 | 48,225 | 25,011 | 64,423 | 334,539 | 6,301 |
| SURG G | 149,767 | 27,821 | 80,845 | 132,303 | 61,403 | 614,386 | 9,508 |
| SURG S | 527,390 | 297,556 | 124,429 | 11,976 | 27,181 | 456,668 | 17,600 |
| SOYBEANS | 2388,089 | 47,996 | 414,978 | 850,974 | 862,726 | 3935,075 | 147,283 |
| SUGAR BEET | 39,336 | 21,328 | 132,573 | 26,822 | 31,832 | 118,183 | 16,496 |
| WHEAT | 541,476 | 18,253 | 170,313 | 202,903 | 165,007 | 1222,730 | 30,797 |
| HIGH EXPORT: | | | | | | | |
| BARLEY | 475,336 | 18,460 | 65,553 | 124,035 | 44,659 | 410,659 | 8,191 |
| CORN G | 5449,350 | 164,505 | 473,617 | 921,150 | 540,047 | 3196,738 | 238,930 |
| CORN S | 474,274 | 50,017 | 150,234 | 171,070 | 61,792 | 590,910 | 38,511 |
| COTTON | 453,580 | 34,181 | 196,985 | 107,887 | 62,000 | 549,949 | 66,576 |
| HAY L | 1673,993 | 218,730 | 368,645 | 54,608 | 315,425 | 1691,686 | 155,534 |
| HAY N | 1090,187 | 1,159 | 198,336 | 232,990 | 165,300 | 1085,833 | 113,036 |
| S FALLOW | 371,375 | 0 | 7,333 | 2,680 | 54,764 | 34,938 | 0 |
| DATS | 506,415 | 352 | 53,321 | 33,831 | 70,417 | 357,508 | 7,601 |
| SURG G | 690,301 | 56,214 | 92,549 | 429,980 | 64,129 | 674,952 | 9,406 |
| SURG S | 671,903 | 429,910 | 124,724 | 24,455 | 26,844 | 455,753 | 17,005 |
| SOYBEANS | 5579,326 | 75,955 | 448,222 | 1230,327 | 922,121 | 4289,255 | 164,340 |
| SUGAR BEET | 105,524 | 28,366 | 136,470 | 37,815 | 30,906 | 121,111 | 16,722 |
| WHEAT | 2492,051 | 61,063 | 250,303 | 483,063 | 215,351 | 1733,889 | 39,967 |
| SOIL LOSS: | | | | | | | |
| BARLEY | 163,578 | 12,965 | 63,172 | 28,611 | 46,284 | 394,971 | 6,903 |
| CORN G | 2014,332 | 66,787 | 404,903 | 615,744 | 464,864 | 2725,094 | 206,868 |
| CORN S | 160,826 | 52,290 | 141,850 | 66,876 | 56,167 | 557,285 | 36,576 |
| COTTON | 197,435 | 30,656 | 157,434 | 130,257 | 54,254 | 501,583 | 62,843 |
| HAY L | 766,967 | 212,864 | 358,711 | 56,378 | 286,418 | 1595,374 | 144,870 |
| HAY N | 383,489 | 19,606 | 192,903 | 119,848 | 156,395 | 1039,454 | 106,213 |
| S FALLOW | 105,451 | 0 | 6,233 | 2,602 | 46,668 | 29,848 | 0 |
| DATS | 192,470 | 2,107 | 47,580 | 25,986 | 64,749 | 326,621 | 6,727 |
| SURG G | 166,661 | 29,921 | 82,638 | 175,621 | 59,878 | 611,936 | 8,757 |
| SURG S | 344,066 | 300,610 | 128,889 | 11,126 | 27,773 | 478,530 | 18,322 |
| SOYBEANS | 2595,751 | 58,043 | 410,893 | 835,787 | 653,069 | 3899,265 | 146,938 |
| SUGAR BEET | 44,958 | 23,446 | 135,552 | 27,206 | 23,207 | 116,425 | 18,100 |
| WHEAT | 594,343 | 19,661 | 171,769 | 243,255 | 159,273 | 1223,429 | 29,603 |

TABLE 1.8. QUANTITY OF WATER (THOUSANDS OF ACRE FEET) USED FOR IRRIGATION UNDER SEVEN ALTERNATIVE FUTURES IN THE UNITED STATES

| ALTERNATIVE FUTURE | QUANTITY OF WATER |
|------------------------|-------------------|
| TREND | 53,837 |
| PRIME | 53,119 |
| FRAGILE | 53,760 |
| PRIME-FRAGILE | 53,540 |
| ENVIRONMENTAL CORRIDOR | 53,901 |
| HIGH EXPORT | 56,427 |
| SOIL LOSS | 55,079 |

TABLE 1.9. ACREAGE BY LAND CLASS AND CONSERVATION AND TILLAGE PRACTICES (THOUSANDS OF ACRES) IN THE UNITED STATES UNDER ALTERNATIVE FUTURES

| LAND CLASS | STRAIGHT ROW | | | CONTOUR FARMING | | | STRIPCROPPING | | | TERRACES | | |
|-----------------------|--------------|--------|---------|-----------------|--------|---------|---------------|--------|---------|----------|--------|---------|
| | CON-RR | CON-RL | MIN TIL | CON-RR | CON-RL | MIN TIL | CON-RR | CON-RL | MIN TIL | CON-RR | CON-RL | MIN TIL |
| TREND: | | | | | | | | | | | | |
| LC 1 | 107,559 | 31,349 | 12,155 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2 | 816 | 625 | 325 | 337 | 3,541 | 2,526 | 0 | 5,263 | 12,245 | 903 | 19,649 | 9,430 |
| LC 3 | 771 | 0 | 0 | 5,401 | 21,352 | 32,537 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4 | 21 | 3,452 | 4,526 | 0 | 0 | 0 | 472 | 1,231 | 12,644 | 674 | 9,508 | 2,114 |
| LC 5 | 552 | 1,555 | 3,502 | 542 | 11,139 | 4,805 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6 | 795 | 2,378 | 450 | 0 | 0 | 0 | 627 | 2,001 | 1,473 | 83 | 3,414 | 91 |
| LC 7 | 0 | 200 | 533 | 18 | 373 | 47 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9 | 739 | 556 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 111,281 | 40,151 | 21,454 | 6,700 | 37,141 | 40,319 | 1,100 | 8,496 | 26,362 | 1,661 | 32,571 | 11,655 |
| PRIME LANDS: | | | | | | | | | | | | |
| LC 1 | 107,185 | 31,514 | 11,597 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2 | 1,017 | 752 | 1,009 | 365 | 3,562 | 2,740 | 0 | 5,340 | 12,794 | 1,039 | 19,715 | 9,258 |
| LC 3 | 451 | 549 | 0 | 4,673 | 23,069 | 32,896 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4 | 142 | 4,020 | 4,291 | 0 | 0 | 0 | 495 | 1,087 | 12,383 | 648 | 9,346 | 1,405 |
| LC 5 | 944 | 1,513 | 4,073 | 526 | 11,300 | 3,456 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6 | 722 | 2,363 | 1,355 | 0 | 0 | 0 | 540 | 1,530 | 588 | 90 | 3,301 | 34 |
| LC 7 | 0 | 171 | 502 | 18 | 373 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9 | 744 | 556 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 111,258 | 41,850 | 23,268 | 5,583 | 38,396 | 39,094 | 1,042 | 7,957 | 25,755 | 1,778 | 32,457 | 10,699 |
| FRAGILE: | | | | | | | | | | | | |
| LC 1 | 110,481 | 31,745 | 11,859 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2 | 604 | 333 | 830 | 532 | 3,332 | 2,925 | 0 | 4,018 | 13,481 | 467 | 20,310 | 9,139 |
| LC 3 | 771 | 595 | 0 | 4,637 | 22,369 | 31,530 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4 | 978 | 3,970 | 4,525 | 0 | 0 | 0 | 474 | 1,229 | 11,240 | 672 | 9,183 | 2,125 |
| LC 5 | 285 | 1,573 | 2,848 | 1,014 | 11,870 | 5,725 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6 | 640 | 354 | 550 | 0 | 0 | 0 | 230 | 2,162 | 1,468 | 96 | 2,076 | 84 |
| LC 7 | 271 | 200 | 263 | 45 | 302 | 113 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 114,234 | 39,384 | 20,879 | 6,231 | 37,874 | 40,300 | 704 | 7,410 | 26,190 | 1,237 | 31,571 | 11,350 |
| PRIME-FRAGILE: | | | | | | | | | | | | |
| LC 1 | 109,709 | 32,413 | 12,272 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2 | 924 | 752 | 1,275 | 537 | 3,521 | 2,957 | 0 | 5,460 | 12,677 | 645 | 20,042 | 9,355 |
| LC 3 | 472 | 354 | 0 | 4,679 | 23,293 | 32,959 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4 | 126 | 4,288 | 4,341 | 0 | 0 | 0 | 507 | 1,075 | 10,456 | 644 | 9,140 | 1,386 |
| LC 5 | 600 | 1,503 | 4,326 | 527 | 11,597 | 3,348 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6 | 763 | 363 | 484 | 0 | 0 | 0 | 305 | 1,717 | 1,389 | 105 | 2,014 | 46 |
| LC 7 | 255 | 195 | 241 | 55 | 291 | 43 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 112,853 | 40,977 | 22,942 | 5,800 | 38,703 | 39,319 | 812 | 8,251 | 24,523 | 1,598 | 31,207 | 10,389 |

TABLE 1.9. (CONTINUED)
LAND CLASS

| LAND CLASS | STRAIGHT ROW | | | CONTOUR FARMING | | | STRIPCROPPING | | | TERRACES | | |
|--------------------------------|--------------|--------|---------|-----------------|--------|---------|---------------|--------|---------|----------|--------|---------|
| | CON-RR | CON-RL | MIN TIL | CON-RR | CON-RL | MIN TIL | CON-RR | CON-RL | MIN TIL | CON-RR | CON-RL | MIN TIL |
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | |
| LC 1 | 107,157 | 31,592 | 12,125 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2 | 719 | 333 | 413 | 337 | 3,535 | 2,901 | 0 | 2,242 | 12,214 | 737 | 20,216 | 9,312 |
| LC 3 | 782 | 171 | 0 | 5,441 | 21,442 | 32,057 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4 | 140 | 3,592 | 4,516 | 0 | 0 | 0 | 473 | 1,224 | 12,619 | 674 | 9,469 | 2,104 |
| LC 5 | 552 | 1,550 | 3,480 | 942 | 12,253 | 4,752 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6 | 755 | 2,220 | 4,811 | 0 | 0 | 0 | 525 | 2,009 | 1,469 | 91 | 3,531 | 37 |
| LC 7 | 0 | 197 | 532 | 18 | 374 | 40 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9 | 719 | 587 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 110,877 | 40,449 | 21,555 | 6,739 | 37,657 | 39,785 | 1,101 | 3,476 | 26,303 | 1,504 | 33,216 | 11,504 |
| HIGH EXPORT: | | | | | | | | | | | | |
| LC 1 | 119,819 | 33,811 | 15,124 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2 | 0 | 0 | 0 | 485 | 3,342 | 3,254 | 0 | 3,971 | 13,537 | 325 | 20,378 | 10,778 |
| LC 3 | 33 | 0 | 0 | 4,965 | 21,603 | 33,489 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4 | 0 | 2,944 | 2,786 | 0 | 0 | 0 | 135 | 1,075 | 13,273 | 1,960 | 13,891 | 3,583 |
| LC 5 | 69 | 0 | 0 | 1,030 | 15,121 | 8,958 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6 | 135 | 527 | 856 | 0 | 0 | 0 | 2,067 | 1,852 | 3,149 | 439 | 6,871 | 749 |
| LC 7 | 628 | 120 | 523 | 105 | 1,352 | 1,023 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8 | 187 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9 | 1,484 | 2,432 | 1,967 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 122,359 | 39,840 | 21,359 | 6,588 | 41,419 | 46,726 | 2,203 | 6,899 | 29,960 | 2,725 | 41,141 | 15,211 |
| SOIL LOSS: | | | | | | | | | | | | |
| LC 1 | 103,530 | 29,598 | 15,716 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2 | 0 | 0 | 0 | 310 | 7,386 | 3,252 | 513 | 3,090 | 14,420 | 1,042 | 19,628 | 6,427 |
| LC 3 | 0 | 0 | 0 | 6,736 | 21,032 | 32,323 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4 | 347 | 1,487 | 4,122 | 0 | 0 | 0 | 380 | 1,630 | 15,116 | 674 | 9,178 | 1,485 |
| LC 5 | 517 | 0 | 255 | 1,413 | 10,927 | 9,837 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6 | 595 | 438 | 0 | 0 | 0 | 0 | 25 | 2,453 | 3,693 | 347 | 3,191 | 112 |
| LC 7 | 718 | 17 | 3 | 18 | 512 | 376 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8 | 101 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9 | 1,306 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 106,518 | 31,542 | 20,103 | 6,478 | 39,658 | 45,792 | 919 | 7,374 | 33,231 | 2,064 | 31,998 | 6,025 |

TABLE 1.10. SOIL LOSS BY LAND CLASS AND CONSERVATION AND TILLAGE PRACTICES (THOUSANDS OF TONS) IN THE UNITED STATES UNDER ALTERNATIVE FUTURES

| LAND CLASS | STRAIGHT ROW | | | CONTOUR FARMING | | | STRIPCROPPING | | | TERRACES | | |
|-----------------------|--------------|---------|---------|-----------------|---------|---------|---------------|--------|---------|----------|--------|---------|
| | CON-RR | CON-RL | MIN TIL | CON-RR | CON-RL | MIN TIL | CON-RR | CON-RL | MIN TIL | CON-RR | CON-RL | MIN TIL |
| TREND: | | | | | | | | | | | | |
| LC 1 | 35,079 | 54,669 | 70,504 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2 | 12,224 | 6,245 | 553 | 506 | 5,015 | 3,592 | 0 | 23,151 | 20,715 | 445 | 3,151 | 3,647 |
| LC 3 | 12,424 | 0 | 0 | 5,005 | 25,520 | 70,460 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4 | 530 | 60,012 | 98,647 | 0 | 0 | 0 | 0,051 | 2,454 | 70,909 | 1,077 | 1,647 | 2,430 |
| LC 5 | 1,761 | 7,015 | 12,535 | 558 | 125,035 | 13,224 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6 | 15,005 | 41,511 | 5,685 | 0 | 0 | 0 | 13,102 | 32,555 | 34,225 | 102 | 545 | 27 |
| LC 7 | 0 | 2,564 | 2,496 | 63 | 255 | 14 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9 | 1,617 | 0,108 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 128,731 | 178,127 | 193,625 | 6,973 | 156,260 | 67,291 | 19,155 | 65,503 | 137,853 | 1,625 | 5,374 | 6,150 |
| PRIME LANDS: | | | | | | | | | | | | |
| LC 1 | 89,268 | 53,945 | 70,591 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2 | 14,728 | 6,626 | 2,097 | 645 | 5,042 | 3,386 | 0 | 23,281 | 23,048 | 394 | 3,289 | 3,555 |
| LC 3 | 8,067 | 15,456 | 0 | 5,135 | 29,755 | 70,132 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4 | 579 | 70,472 | 97,796 | 0 | 0 | 0 | 5,206 | 8,129 | 74,730 | 1,023 | 1,565 | 1,911 |
| LC 5 | 2,223 | 6,895 | 13,569 | 729 | 120,351 | 10,636 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6 | 14,175 | 39,054 | 39,057 | 0 | 0 | 0 | 11,714 | 27,326 | 11,299 | 275 | 537 | 7 |
| LC 7 | 0 | 2,511 | 2,242 | 60 | 571 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9 | 1,098 | 5,947 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 130,154 | 200,979 | 225,254 | 6,872 | 155,661 | 84,161 | 17,924 | 58,737 | 114,063 | 1,696 | 5,395 | 5,474 |
| FRAGILE: | | | | | | | | | | | | |
| LC 1 | 57,890 | 54,572 | 56,523 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2 | 11,808 | 3,346 | 2,913 | 1,545 | 4,508 | 3,585 | 0 | 15,965 | 31,181 | 235 | 3,474 | 3,408 |
| LC 3 | 12,433 | 12,387 | 0 | 5,084 | 27,074 | 57,700 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4 | 3,804 | 62,755 | 98,306 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5 | 1,373 | 7,095 | 10,303 | 1,073 | 124,821 | 15,327 | 6,092 | 8,945 | 70,774 | 1,073 | 1,720 | 2,487 |
| LC 6 | 14,871 | 15,554 | 14,095 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7 | 399 | 2,563 | 1,093 | 111 | 231 | 585 | 6,897 | 39,294 | 34,111 | 112 | 505 | 25 |
| LC 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 132,561 | 158,577 | 193,742 | 7,815 | 156,635 | 87,199 | 12,989 | 65,205 | 136,067 | 1,421 | 5,700 | 5,921 |
| PRIME-FRAGILE: | | | | | | | | | | | | |
| LC 1 | 89,045 | 55,453 | 68,524 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2 | 12,427 | 8,340 | 4,011 | 1,562 | 5,007 | 3,560 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3 | 7,947 | 15,557 | 0 | 4,549 | 30,277 | 70,038 | 0 | 24,005 | 28,039 | 505 | 3,237 | 3,433 |
| LC 4 | 1,159 | 71,390 | 97,993 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5 | 1,871 | 6,580 | 15,765 | 745 | 120,625 | 10,447 | 6,312 | 10,019 | 65,315 | 1,017 | 1,625 | 1,585 |
| LC 6 | 13,622 | 12,387 | 12,862 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7 | 378 | 2,519 | 1,010 | 126 | 224 | 23 | 7,952 | 28,040 | 32,149 | 168 | 317 | 12 |
| LC 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 126,452 | 173,035 | 200,159 | 6,984 | 156,134 | 84,070 | 14,174 | 62,065 | 125,505 | 1,691 | 5,152 | 5,330 |

TABLE 1.10. (CONTINUED)

| LAND CLASS | STRAIGHT ROW | | | CONTOUR FARMING | | | STRIPCROPPING | | | TERRACES | | |
|-------------------------|--------------|---------|---------|-----------------|---------|---------|---------------|--------|---------|----------|--------|---------|
| | CON-RR | CON-RL | MIN TIL | CON-RR | CON-RL | MIN TIL | CON-RR | CON-RL | MIN TIL | CON-RR | CON-RL | MIN TIL |
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | |
| LC 1 | 82,091 | 54,915 | 75,140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2 | 12,031 | 3,846 | 986 | 900 | 5,012 | 3,560 | 0 | 23,038 | 26,653 | 409 | 3,365 | 3,601 |
| LC 3 | 12,491 | 2,775 | 0 | 5,743 | 26,090 | 69,497 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4 | 1,259 | 61,241 | 48,503 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5 | 1,782 | 6,999 | 13,281 | 999 | 125,767 | 13,197 | 6,074 | 3,863 | 76,660 | 1,078 | 1,628 | 2,473 |
| LC 6 | 14,844 | 43,065 | 9,505 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7 | 0 | 2,557 | 2,458 | 63 | 387 | 45 | 13,111 | 32,967 | 34,159 | 113 | 562 | 25 |
| LC 8 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9 | 1,641 | 6,084 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 126,155 | 178,587 | 194,967 | 7,907 | 157,258 | 86,303 | 14,191 | 64,869 | 137,474 | 1,507 | 5,556 | 6,100 |
| HIGH EXPORT: | | | | | | | | | | | | |
| LC 1 | 80,034 | 54,379 | 72,291 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2 | 0 | 0 | 0 | 1,393 | 5,135 | 4,379 | 0 | 15,493 | 31,406 | 145 | 3,455 | 4,339 |
| LC 3 | 111 | 0 | 0 | 4,171 | 26,351 | 76,636 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4 | 0 | 26,860 | 59,763 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5 | 498 | 0 | 0 | 2,005 | 137,110 | 21,299 | 1,915 | 8,786 | 83,159 | 2,865 | 6,217 | 4,316 |
| LC 6 | 2,806 | 10,495 | 16,563 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7 | 2,098 | 65 | 1,363 | 216 | 2,469 | 1,674 | 37,200 | 48,227 | 45,546 | 90 | 2,021 | 517 |
| LC 8 | 212 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9 | 3,873 | 42,033 | 21,626 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 89,635 | 134,359 | 171,609 | 7,787 | 171,066 | 103,989 | 39,116 | 73,507 | 160,112 | 3,103 | 11,695 | 9,273 |
| SOIL LOSS: | | | | | | | | | | | | |
| LC 1 | 57,070 | 30,704 | 94,086 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2 | 0 | 0 | 0 | 924 | 34,372 | 3,934 | 2,508 | 15,362 | 32,988 | 619 | 2,905 | 2,038 |
| LC 3 | 0 | 0 | 0 | 14,463 | 23,616 | 74,466 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4 | 1,683 | 6,064 | 96,030 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5 | 701 | 0 | 642 | 7,203 | 29,187 | 22,719 | 4,070 | 10,134 | 66,507 | 1,062 | 1,626 | 2,024 |
| LC 6 | 2,200 | 2,199 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7 | 505 | 44 | 8 | 63 | 1,936 | 92 | 113 | 11,116 | 10,827 | 1,432 | 672 | 34 |
| LC 8 | 107 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9 | 4,671 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 66,941 | 41,012 | 190,775 | 16,665 | 69,113 | 102,050 | 6,692 | 36,613 | 110,322 | 3,134 | 5,207 | 4,096 |

CHAPTER 2. THE NORTH CENTRAL REGION

Note: Dryland crop acreage in table 2 of this chapter includes the acreage on land that could have been irrigated.

TABLE 2.1 LAND USE (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN THE NORTH CENTRAL REGION

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXOG USED | TOT USED |
|----------------|-----------|---------|---------|----------|----------|-----------|----------|
| TREND: | | | | | | | |
| LC 1-0 | 22389 | 4362 | -40 | 21991 | 0 | 398 | 22389 |
| LC 2-0 | 52499 | 0 | -132 | 50619 | 0 | 1880 | 52499 |
| LC 3-0 | 56122 | 0 | -92 | 54013 | 0 | 2108 | 56122 |
| LC 4-0 | 36299 | 0 | -112 | 31478 | 0 | 889 | 32367 |
| LC 5-0 | 20771 | 0 | -25 | 18027 | 0 | 991 | 19017 |
| LC 6-0 | 13714 | 0 | -54 | 9560 | 0 | 283 | 9843 |
| LC 7-0 | 3779 | 0 | -4 | 823 | 0 | 259 | 1082 |
| LC 8-0 | 352 | 0 | 0 | 12 | 0 | 7 | 19 |
| LC 9-0 | 6574 | 0 | 0 | 504 | 0 | 164 | 668 |
| LC 1-1 | 4992 | 0 | 168 | 223 | 4712 | 56 | 4992 |
| LC 2-1 | 1421 | 0 | 89 | 325 | 1067 | 30 | 1421 |
| LC 3-1 | 1159 | 0 | 95 | 801 | 338 | 20 | 1159 |
| LC 4-1 | 756 | 0 | 27 | 239 | 301 | 11 | 552 |
| LC 5-1 | 248 | 0 | 51 | 71 | 160 | 6 | 238 |
| LC 6-1 | 316 | 0 | 14 | 75 | 55 | 8 | 139 |
| LC 7-1 | 87 | 0 | 14 | 21 | 22 | 1 | 43 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 30 | 0 | 1 | 7 | 16 | 0 | 23 |
| PAST D | 155387 | -4234 | 0 | 155387 | 0 | 0 | 155387 |
| PAST I | 246 | 0 | 0 | 241 | 5 | 0 | 246 |
| LC 1 TO 5 | 196656 | 4362 | 29 | 177787 | 6576 | 6390 | 190756 |
| LC 6 TO 9 | 24853 | 0 | -30 | 11003 | 93 | 721 | 11817 |
| TOT CRPLND | 221510 | 4362 | -1 | 188790 | 6671 | 7111 | 202573 |
| PRIME LANDS: | | | | | | | |
| LC 1-0 | 22552 | 3977 | -41 | 22154 | 0 | 398 | 22552 |
| LC 2-0 | 53878 | 0 | -133 | 51998 | 0 | 1880 | 53878 |
| LC 3-0 | 57968 | 0 | -93 | 55860 | 0 | 2108 | 57968 |
| LC 4-0 | 35327 | 0 | -111 | 30712 | 0 | 889 | 31601 |
| LC 5-0 | 19833 | 0 | -24 | 16834 | 0 | 991 | 17825 |
| LC 6-0 | 13369 | 0 | -52 | 8966 | 0 | 283 | 9249 |
| LC 7-0 | 3608 | 0 | -4 | 774 | 0 | 259 | 1032 |
| LC 8-0 | 332 | 0 | -1 | 11 | 0 | 7 | 18 |
| LC 9-0 | 6404 | 0 | 0 | 503 | 0 | 164 | 666 |
| LC 1-1 | 5010 | 0 | 169 | 188 | 4766 | 56 | 5010 |
| LC 2-1 | 1436 | 0 | 90 | 586 | 820 | 30 | 1436 |
| LC 3-1 | 1172 | 0 | 96 | 509 | 642 | 20 | 1172 |
| LC 4-1 | 750 | 0 | 27 | 254 | 278 | 11 | 543 |
| LC 5-1 | 249 | 0 | 50 | 77 | 157 | 6 | 240 |
| LC 6-1 | 315 | 0 | 13 | 72 | 48 | 8 | 128 |
| LC 7-1 | 85 | 0 | 13 | 17 | 21 | 1 | 39 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 35 | 0 | 1 | 10 | 16 | 0 | 26 |
| PAST D | 155472 | -3886 | 0 | 155472 | 0 | 0 | 155472 |
| PAST I | 246 | 0 | 0 | 185 | 61 | 0 | 246 |
| LC 1 TO 5 | 198176 | 3977 | 29 | 179171 | 6663 | 6390 | 192224 |
| LC 6 TO 9 | 24148 | 0 | -30 | 10353 | 85 | 721 | 11158 |
| TOT CRPLND | 222324 | 3977 | -1 | 189524 | 6748 | 7111 | 203383 |
| FRAGILE: | | | | | | | |
| LC 1-0 | 22582 | 4577 | -42 | 22184 | 0 | 398 | 22582 |
| LC 2-0 | 52374 | 0 | -154 | 50494 | 0 | 1880 | 52374 |
| LC 3-0 | 56022 | 0 | -108 | 53914 | 0 | 2108 | 56022 |
| LC 4-0 | 36147 | 0 | -140 | 31016 | 0 | 889 | 31905 |
| LC 5-0 | 20743 | 0 | -30 | 18106 | 0 | 991 | 19097 |
| LC 6-0 | 11005 | 0 | -13 | 7310 | 0 | 283 | 7593 |
| LC 7-0 | 3774 | 0 | -5 | 895 | 0 | 259 | 1153 |
| LC 8-0 | 7 | 0 | 0 | 0 | 0 | 7 | 7 |
| LC 9-0 | 164 | 0 | 0 | 0 | 0 | 164 | 164 |
| LC 1-1 | 5051 | 0 | 183 | 333 | 4662 | 56 | 5051 |
| LC 2-1 | 1449 | 0 | 98 | 628 | 790 | 30 | 1449 |
| LC 3-1 | 1177 | 0 | 102 | 503 | 654 | 20 | 1177 |
| LC 4-1 | 767 | 0 | 33 | 453 | 303 | 11 | 767 |
| LC 5-1 | 258 | 0 | 56 | 88 | 164 | 6 | 258 |
| LC 6-1 | 95 | 0 | 2 | 22 | 25 | 8 | 55 |
| LC 7-1 | 87 | 0 | 15 | 18 | 20 | 1 | 39 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST D | 164855 | -4459 | 0 | 164855 | 0 | 0 | 164855 |
| PAST I | 388 | 0 | 0 | 293 | 95 | 0 | 388 |
| LC 1 TO 5 | 196569 | 4577 | -2 | 177717 | 6573 | 6390 | 190680 |
| LC 6 TO 9 | 15132 | 0 | -2 | 8245 | 45 | 721 | 9011 |
| TOT CRPLND | 211701 | 4577 | -4 | 185961 | 6619 | 7111 | 199691 |
| PRIME-FRAGILE: | | | | | | | |
| LC 1-0 | 23766 | 4066 | -43 | 23368 | 0 | 398 | 23766 |
| LC 2-0 | 54199 | 0 | -152 | 52319 | 0 | 1880 | 54199 |
| LC 3-0 | 58197 | 0 | -107 | 56089 | 0 | 2108 | 58197 |
| LC 4-0 | 35301 | 0 | -135 | 28684 | 0 | 889 | 29573 |
| LC 5-0 | 19816 | 0 | -28 | 16829 | 0 | 991 | 17820 |
| LC 6-0 | 10656 | 0 | -13 | 6669 | 0 | 283 | 6952 |
| LC 7-0 | 3623 | 0 | -5 | 789 | 0 | 259 | 1047 |
| LC 8-0 | 7 | 0 | 0 | 0 | 0 | 7 | 7 |
| LC 9-0 | 164 | 0 | 0 | 0 | 0 | 164 | 164 |
| LC 1-1 | 5072 | 0 | 182 | 208 | 4808 | 56 | 5072 |
| LC 2-1 | 1456 | 0 | 95 | 484 | 942 | 30 | 1456 |
| LC 3-1 | 1185 | 0 | 102 | 644 | 521 | 20 | 1185 |
| LC 4-1 | 761 | 0 | 32 | 419 | 276 | 11 | 706 |
| LC 5-1 | 254 | 0 | 54 | 78 | 161 | 6 | 245 |
| LC 6-1 | 94 | 0 | 1 | 9 | 22 | 8 | 39 |
| LC 7-1 | 87 | 0 | 14 | 18 | 20 | 1 | 38 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST D | 164980 | -3938 | 0 | 164980 | 0 | 0 | 164980 |
| PAST I | 356 | 0 | 0 | 305 | 51 | 0 | 356 |
| LC 1 TO 5 | 200007 | 4066 | 1 | 179121 | 6708 | 6390 | 192219 |
| LC 6 TO 9 | 14631 | 0 | -3 | 7484 | 41 | 721 | 8247 |
| TOT CRPLND | 214638 | 4066 | -2 | 186605 | 6749 | 7111 | 200466 |

TABLE 2.1 (CONTINUED)

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXO G USED | TOT USED |
|--------------------------------|-----------|---------|---------|----------|----------|------------|----------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| LC 1-D | 22152 | 4159 | -40 | 21754 | 0 | 398 | 22152 |
| LC 2-D | 52402 | 0 | -132 | 50521 | 0 | 1880 | 52402 |
| LC 3-D | 55979 | 0 | -92 | 53871 | 0 | 2108 | 55979 |
| LC 4-D | 36241 | 0 | -112 | 31761 | 0 | 889 | 32650 |
| LC 5-D | 20716 | 0 | -25 | 18405 | 0 | 991 | 19396 |
| LC 6-D | 13692 | 0 | -52 | 9550 | 0 | 283 | 9833 |
| LC 7-D | 3769 | 0 | -4 | 822 | 0 | 259 | 1080 |
| LC 8-D | 351 | 0 | -1 | 11 | 0 | 7 | 18 |
| LC 9-D | 6563 | 0 | 0 | 504 | 0 | 164 | 668 |
| LC 1-1 | 4989 | 0 | 168 | 279 | 4653 | 56 | 4989 |
| LC 2-1 | 1427 | 0 | 89 | 327 | 1070 | 30 | 1427 |
| LC 3-1 | 1163 | 0 | 95 | 797 | 346 | 20 | 1163 |
| LC 4-1 | 755 | 0 | 27 | 232 | 304 | 11 | 547 |
| LC 5-1 | 253 | 0 | 51 | 77 | 161 | 6 | 244 |
| LC 6-1 | 316 | 0 | 14 | 73 | 57 | 8 | 138 |
| LC 7-1 | 86 | 0 | 14 | 18 | 21 | 1 | 40 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 35 | 0 | 1 | 10 | 16 | 0 | 26 |
| PAST D | 155565 | -4033 | 0 | 155565 | 0 | 0 | 155565 |
| PAST I | 213 | 0 | 0 | 185 | 28 | 0 | 213 |
| LC 1 TO 5 | 196077 | 4159 | 29 | 178025 | 6533 | 6390 | 190949 |
| LC 6 TO 9 | 24812 | 0 | -30 | 10987 | 94 | 721 | 11803 |
| TOT CRPLND | 220888 | 4159 | -1 | 189012 | 6628 | 7111 | 202751 |
| HIGH EXPORT: | | | | | | | |
| LC 1-D | 24504 | 6477 | -40 | 24106 | 0 | 398 | 24504 |
| LC 2-D | 52499 | 0 | -132 | 50619 | 0 | 1880 | 52499 |
| LC 3-D | 56122 | 0 | -92 | 54013 | 0 | 2108 | 56122 |
| LC 4-D | 36299 | 0 | -112 | 35410 | 0 | 889 | 36299 |
| LC 5-D | 20771 | 0 | -25 | 19780 | 0 | 991 | 20771 |
| LC 6-D | 13714 | 0 | -54 | 13431 | 0 | 283 | 13714 |
| LC 7-D | 3779 | 0 | -4 | 3336 | 0 | 259 | 3595 |
| LC 8-D | 352 | 0 | 0 | 182 | 0 | 7 | 188 |
| LC 9-D | 6574 | 0 | 0 | 4327 | 0 | 164 | 4490 |
| LC 1-1 | 4992 | 0 | 168 | 186 | 4750 | 56 | 4992 |
| LC 2-1 | 1421 | 0 | 89 | 410 | 981 | 30 | 1421 |
| LC 3-1 | 1159 | 0 | 95 | 514 | 625 | 20 | 1159 |
| LC 4-1 | 756 | 0 | 27 | 497 | 247 | 11 | 756 |
| LC 5-1 | 248 | 0 | 51 | 82 | 160 | 6 | 249 |
| LC 6-1 | 316 | 0 | 14 | 228 | 80 | 8 | 316 |
| LC 7-1 | 87 | 0 | 14 | 65 | 22 | 1 | 87 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 30 | 0 | 1 | 24 | 0 | 0 | 25 |
| PAST D | 153317 | -5304 | 0 | 153317 | 0 | 0 | 153317 |
| PAST I | 246 | 0 | 0 | 174 | 72 | 0 | 246 |
| LC 1 TO 5 | 198771 | 6477 | 29 | 185618 | 6763 | 6390 | 198771 |
| LC 6 TO 9 | 24853 | 0 | -30 | 21593 | 102 | 721 | 22416 |
| TOT CRPLND | 223624 | 6477 | -1 | 207210 | 6865 | 7111 | 221187 |
| SOIL LOSS: | | | | | | | |
| LC 1-D | 22778 | 4751 | -40 | 22380 | 0 | 398 | 22778 |
| LC 2-D | 52499 | 0 | -132 | 50619 | 0 | 1880 | 52499 |
| LC 3-D | 56122 | 0 | -92 | 54013 | 0 | 2108 | 56122 |
| LC 4-D | 36299 | 0 | -112 | 31353 | 0 | 889 | 32242 |
| LC 5-D | 20771 | 0 | -25 | 18735 | 0 | 991 | 19723 |
| LC 6-D | 13714 | 0 | -54 | 12975 | 0 | 283 | 12975 |
| LC 7-D | 3779 | 0 | -4 | 753 | 0 | 259 | 1012 |
| LC 8-D | 352 | 0 | 0 | 92 | 0 | 7 | 99 |
| LC 9-D | 6574 | 0 | 0 | 504 | 0 | 164 | 668 |
| LC 1-1 | 4992 | 0 | 168 | 285 | 4651 | 56 | 4992 |
| LC 2-1 | 1421 | 0 | 89 | 691 | 700 | 30 | 1421 |
| LC 3-1 | 1159 | 0 | 95 | 517 | 622 | 20 | 1159 |
| LC 4-1 | 756 | 0 | 27 | 344 | 301 | 11 | 657 |
| LC 5-1 | 248 | 0 | 51 | 24 | 218 | 6 | 248 |
| LC 6-1 | 316 | 0 | 14 | 130 | 78 | 8 | 216 |
| LC 7-1 | 87 | 0 | 14 | 21 | 20 | 1 | 42 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 30 | 0 | 1 | 7 | 16 | 0 | 23 |
| PAST D | 154989 | -4633 | 0 | 154989 | 0 | 0 | 154989 |
| PAST I | 246 | 0 | 0 | 185 | 61 | 0 | 246 |
| LC 1 TO 5 | 197045 | 4751 | 29 | 178959 | 6491 | 6390 | 191841 |
| LC 6 TO 9 | 24853 | 0 | -30 | 10482 | 114 | 721 | 11318 |
| TOT CRPLND | 221899 | 4751 | -1 | 189442 | 6605 | 7111 | 203158 |

TABLE 2.2 DRYLAND CROP ACREAGES (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN THE NORTH CENTRAL REGION

| TREND: | LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEAN | SGRBEET | WHEAT |
|----------------|------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|---------|---------|-------|
| | 1 | 370 | 7071 | 2337 | 218 | 1006 | 469 | 61 | 479 | 0 | 552 | 609 | 8144 | 213 | 812 |
| | 2 | 1915 | 14259 | 371 | 2 | 9651 | 773 | 69 | 3321 | 0 | 916 | 397 | 14315 | 17 | 5323 |
| | 3 | 1113 | 15201 | 179 | 0 | 7131 | 5255 | 1974 | 2592 | 0 | 302 | 759 | 13314 | 554 | 6249 |
| | 4 | 101 | 4556 | 155 | 1 | 3114 | 5323 | 879 | 1812 | 0 | 3370 | 175 | 8666 | 0 | 3554 |
| | 5 | 916 | 3867 | 149 | 0 | 438 | 1752 | 790 | 272 | 0 | 306 | 0 | 5014 | 252 | 4596 |
| | 6 | 0 | 1320 | 208 | 0 | 159 | 3111 | 615 | 501 | 0 | 267 | 0 | 1906 | 0 | 1795 |
| | 7 | 0 | 142 | 0 | 0 | 0 | 245 | 4 | 86 | 0 | 76 | 0 | 193 | 0 | 74 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 490 | 0 | 66 | 151494 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | | | | | | | | |
| PRIME LANDS: | 1 | 376 | 6817 | 2348 | 221 | 1067 | 584 | 62 | 552 | 0 | 533 | 619 | 8296 | 214 | 831 |
| | 2 | 2677 | 14423 | 330 | 2 | 9831 | 959 | 90 | 3318 | 0 | 983 | 443 | 14683 | 17 | 5233 |
| | 3 | 1041 | 16299 | 89 | 0 | 7118 | 4243 | 2073 | 2518 | 0 | 309 | 841 | 14461 | 695 | 6510 |
| | 4 | 107 | 4403 | 60 | 1 | 2834 | 5508 | 914 | 1762 | 0 | 3216 | 156 | 8362 | 0 | 3624 |
| | 5 | 686 | 3389 | 140 | 0 | 496 | 1642 | 1244 | 294 | 0 | 271 | 0 | 4164 | 111 | 4683 |
| | 6 | 0 | 991 | 227 | 0 | 257 | 3080 | 611 | 507 | 0 | 267 | 0 | 1490 | 0 | 1751 |
| | 7 | 0 | 123 | 0 | 0 | 27 | 132 | 41 | 59 | 0 | 113 | 0 | 173 | 0 | 120 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 492 | 0 | 65 | 151839 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | | | | | | | | |
| FRAGILE: | 1 | 375 | 6759 | 2139 | 218 | 1437 | 521 | 59 | 716 | 0 | 499 | 773 | 8155 | 213 | 708 |
| | 2 | 1859 | 14138 | 310 | 2 | 9934 | 444 | 69 | 3356 | 0 | 877 | 254 | 14260 | 17 | 6016 |
| | 3 | 936 | 15618 | 177 | 0 | 6411 | 4366 | 2188 | 2583 | 0 | 427 | 1038 | 13538 | 351 | 6369 |
| | 4 | 80 | 4842 | 165 | 1 | 2417 | 6107 | 1155 | 1775 | 0 | 3314 | 175 | 7940 | 6 | 3453 |
| | 5 | 1531 | 3770 | 151 | 0 | 422 | 1779 | 381 | 357 | 0 | 376 | 0 | 5224 | 449 | 3916 |
| | 6 | 0 | 1284 | 202 | 0 | 60 | 2236 | 184 | 306 | 0 | 93 | 0 | 2014 | 0 | 1032 |
| | 7 | 0 | 72 | 0 | 0 | 0 | 533 | 4 | 82 | 0 | 0 | 0 | 104 | 0 | 95 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160744 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | | | | | | | | |
| PRIME-FRAGILE: | 1 | 387 | 6815 | 2376 | 221 | 1592 | 864 | 65 | 623 | 0 | 560 | 625 | 8387 | 165 | 390 |
| | 2 | 2005 | 14564 | 331 | 2 | 10213 | 827 | 110 | 3537 | 0 | 1010 | 446 | 14641 | 17 | 5520 |
| | 3 | 1336 | 16188 | 95 | 0 | 6365 | 4609 | 2096 | 2549 | 0 | 512 | 762 | 14420 | 711 | 6667 |
| | 4 | 182 | 4550 | 60 | 1 | 2063 | 5533 | 1122 | 1825 | 0 | 3147 | 155 | 7350 | 4 | 3081 |
| | 5 | 905 | 3263 | 160 | 0 | 412 | 1377 | 1195 | 256 | 0 | 323 | 0 | 4470 | 91 | 4650 |
| | 6 | 0 | 1018 | 190 | 0 | 46 | 2230 | 182 | 283 | 0 | 92 | 0 | 1700 | 0 | 1073 |
| | 7 | 0 | 67 | 0 | 0 | 0 | 514 | 4 | 80 | 0 | 0 | 0 | 61 | 0 | 66 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 161423 | 0 | 0 | 0 | 0 | 0 |

TABLE 2.2 (CONTINUED)

| LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEANS | SGRBEET | WHEAT |
|-------------------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|----------|---------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | | |
| 1 | 681 | 7006 | 2020 | 217 | 1039 | 469 | 61 | 510 | 0 | 551 | 608 | 7973 | 213 | 806 |
| 2 | 2465 | 14160 | 305 | 2 | 9562 | 648 | 64 | 3243 | 0 | 868 | 401 | 14326 | 17 | 5174 |
| 3 | 791 | 15400 | 179 | 0 | 7161 | 4822 | 1974 | 2646 | 0 | 303 | 1182 | 13410 | 358 | 6250 |
| 4 | 75 | 4647 | 152 | 1 | 3090 | 5458 | 940 | 1819 | 0 | 3366 | 174 | 8600 | 0 | 3662 |
| 5 | 361 | 3755 | 152 | 0 | 437 | 1761 | 640 | 271 | 0 | 306 | 0 | 5138 | 449 | 4948 |
| 6 | 0 | 1310 | 208 | 0 | 148 | 3199 | 585 | 515 | 0 | 237 | 0 | 1917 | 0 | 1753 |
| 7 | 0 | 136 | 0 | 0 | 0 | 136 | 34 | 54 | 0 | 107 | 0 | 216 | 0 | 142 |
| 8 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 492 | 0 | 66 | 151785 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | | |
| 1 | 490 | 11166 | 2229 | 212 | 836 | 365 | 0 | 285 | 0 | 567 | 499 | 6976 | 248 | 392 |
| 2 | 3514 | 13662 | 0 | 2 | 8128 | 546 | 62 | 2246 | 0 | 565 | 221 | 14870 | 0 | 7493 |
| 3 | 1551 | 17926 | 131 | 0 | 4110 | 4661 | 3295 | 1372 | 0 | 505 | 54 | 13001 | 303 | 7407 |
| 4 | 89 | 5722 | 358 | 77 | 4818 | 3344 | 1027 | 1830 | 0 | 2709 | 785 | 9453 | 25 | 5620 |
| 5 | 151 | 3905 | 88 | 0 | 1035 | 1563 | 447 | 279 | 0 | 616 | 0 | 5904 | 478 | 5721 |
| 6 | 149 | 1323 | 622 | 0 | 296 | 3914 | 931 | 962 | 0 | 921 | 338 | 2140 | 0 | 2436 |
| 7 | 0 | 310 | 304 | 0 | 764 | 421 | 184 | 494 | 0 | 49 | 0 | 375 | 0 | 492 |
| 8 | 0 | 0 | 0 | 0 | 0 | 191 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 331 | 9 | 0 | 817 | 1956 | 127 | 568 | 147248 | 7 | 0 | 13 | 0 | 568 |
| SOIL LOSS: | | | | | | | | | | | | | | |
| 1 | 803 | 7963 | 1886 | 200 | 711 | 436 | 59 | 151 | 0 | 557 | 487 | 8597 | 213 | 657 |
| 2 | 4170 | 13756 | 270 | 3 | 9157 | 434 | 66 | 2837 | 0 | 921 | 430 | 14348 | 241 | 5137 |
| 3 | 671 | 15393 | 145 | 0 | 5572 | 4914 | 2329 | 1661 | 0 | 353 | 1546 | 14595 | 359 | 6720 |
| 4 | 0 | 4052 | 216 | 15 | 3880 | 5651 | 859 | 2438 | 0 | 3291 | 175 | 7234 | 0 | 3859 |
| 5 | 931 | 4073 | 176 | 0 | 506 | 1835 | 501 | 376 | 0 | 320 | 0 | 5344 | 137 | 4752 |
| 6 | 0 | 1432 | 185 | 0 | 717 | 2998 | 774 | 787 | 0 | 184 | 0 | 612 | 0 | 1597 |
| 7 | 0 | 99 | 43 | 0 | 0 | 73 | 72 | 25 | 0 | 146 | 0 | 168 | 0 | 139 |
| 8 | 0 | 0 | 0 | 0 | 0 | 102 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 585 | 0 | 0 | 150604 | 0 | 0 | 0 | 0 | 0 |

TABLE 2.3 IRRIGATED CROP ACREAGES (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN THE NORTH CENTRAL REGION

| TREND: | LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEAN | SGRBEET | WHEAT |
|----------------|------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|---------|---------|-------|
| | 10 | 24 | 477 | 2 | 0 | 71 | 67 | 0 | 0 | 0 | 23 | 4063 | 0 | 19 | 8 |
| | 11 | 0 | 242 | 0 | 0 | 599 | 51 | 0 | 7 | 0 | 0 | 134 | 0 | 33 | 0 |
| | 12 | 0 | 114 | 3 | 0 | 79 | 78 | 0 | 0 | 0 | 0 | 73 | 0 | 0 | 0 |
| | 13 | 0 | 114 | 40 | 0 | 35 | 9 | 0 | 0 | 0 | 0 | 113 | 0 | 0 | 0 |
| | 14 | 0 | 0 | 0 | 0 | 25 | 79 | 0 | 0 | 0 | 0 | 48 | 11 | 0 | 0 |
| | 15 | 5 | 0 | 0 | 0 | 0 | 36 | 0 | 0 | 0 | 0 | 12 | 0 | 4 | 0 |
| | 16 | 0 | 1 | 0 | 0 | 2 | 4 | 0 | 0 | 0 | 0 | 10 | 5 | 1 | 0 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 18 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | | | | | | | | | | | | | | | |
| | 10 | 24 | 510 | 2 | 0 | 78 | 68 | 0 | 0 | 0 | 23 | 4076 | 0 | 19 | 8 |
| | 11 | 0 | 156 | 0 | 0 | 160 | 235 | 0 | 7 | 0 | 0 | 229 | 0 | 32 | 0 |
| | 12 | 0 | 70 | 3 | 0 | 429 | 76 | 0 | 0 | 0 | 0 | 73 | 0 | 0 | 0 |
| | 13 | 0 | 114 | 39 | 0 | 35 | 9 | 0 | 0 | 0 | 0 | 91 | 0 | 0 | 0 |
| | 14 | 0 | 6 | 0 | 0 | 34 | 58 | 0 | 0 | 0 | 0 | 48 | 11 | 0 | 0 |
| | 15 | 5 | 0 | 0 | 0 | 1 | 36 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 |
| | 16 | 0 | 1 | 0 | 0 | 2 | 4 | 0 | 0 | 0 | 0 | 10 | 5 | 1 | 0 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 18 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 51 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | | | | | | | | | | | | | | | |
| | 10 | 16 | 389 | 2 | 0 | 124 | 67 | 0 | 0 | 0 | 15 | 4071 | 0 | 16 | 0 |
| | 11 | 0 | 248 | 0 | 0 | 306 | 51 | 0 | 0 | 0 | 0 | 204 | 0 | 10 | 0 |
| | 12 | 2 | 53 | 3 | 0 | 509 | 22 | 0 | 0 | 0 | 0 | 56 | 0 | 8 | 0 |
| | 13 | 0 | 115 | 40 | 0 | 39 | 9 | 0 | 0 | 0 | 0 | 108 | 0 | 0 | 0 |
| | 14 | 0 | 6 | 0 | 0 | 37 | 60 | 0 | 0 | 0 | 0 | 50 | 11 | 0 | 0 |
| | 15 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 24 | 0 | 0 | 0 |
| | 16 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 10 | 5 | 0 | 0 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | | | | | | | | | | | | | | | |
| | 10 | 24 | 489 | 2 | 0 | 125 | 68 | 0 | 0 | 0 | 23 | 4084 | 0 | 24 | 12 |
| | 11 | 0 | 156 | 0 | 0 | 452 | 52 | 0 | 0 | 0 | 0 | 300 | 0 | 10 | 0 |
| | 12 | 1 | 55 | 3 | 0 | 350 | 52 | 0 | 0 | 0 | 0 | 56 | 0 | 9 | 0 |
| | 13 | 0 | 114 | 40 | 0 | 39 | 9 | 0 | 0 | 0 | 0 | 84 | 0 | 0 | 0 |
| | 14 | 0 | 6 | 0 | 0 | 37 | 58 | 0 | 0 | 0 | 0 | 49 | 11 | 0 | 0 |
| | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 0 | 0 | 0 |
| | 16 | 0 | 1 | 0 | 0 | 1 | 4 | 0 | 0 | 0 | 0 | 10 | 5 | 0 | 0 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 0 | 0 | 0 | 0 | 0 |

TABLE 2.3 (CONTINUED)

| LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEANS | SGRBEET | WHEAT |
|-------------------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|----------|---------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | | |
| 10 | 24 | 418 | 2 | 0 | 71 | 67 | 0 | 0 | 0 | 23 | 4062 | 0 | 19 | 8 |
| 11 | 0 | 241 | 0 | 0 | 600 | 51 | 0 | 7 | 0 | 0 | 137 | 0 | 33 | 0 |
| 12 | 0 | 121 | 3 | 0 | 95 | 64 | 0 | 0 | 0 | 0 | 72 | 0 | 0 | 0 |
| 13 | 0 | 115 | 39 | 0 | 35 | 9 | 0 | 0 | 0 | 0 | 115 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 25 | 79 | 0 | 0 | 0 | 0 | 48 | 11 | 0 | 0 |
| 15 | 5 | 0 | 0 | 0 | 0 | 36 | 0 | 0 | 0 | 0 | 13 | 0 | 4 | 0 |
| 16 | 0 | 1 | 0 | 0 | 2 | 4 | 0 | 0 | 0 | 0 | 10 | 5 | 1 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | | |
| 10 | 8 | 543 | 7 | 0 | 13 | 63 | 0 | 0 | 0 | 8 | 4145 | 0 | 8 | 8 |
| 11 | 10 | 246 | 0 | 0 | 479 | 3 | 0 | 0 | 0 | 20 | 185 | 0 | 26 | 11 |
| 12 | 0 | 442 | 3 | 0 | 117 | 0 | 0 | 0 | 0 | 0 | 71 | 0 | 0 | 0 |
| 13 | 0 | 114 | 4 | 0 | 35 | 9 | 0 | 0 | 0 | 0 | 49 | 0 | 0 | 0 |
| 14 | 1 | 0 | 0 | 0 | 25 | 19 | 0 | 0 | 0 | 0 | 79 | 31 | 3 | 1 |
| 15 | 5 | 25 | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 0 | 13 | 1 | 4 | 13 |
| 16 | 0 | 1 | 0 | 0 | 1 | 4 | 0 | 0 | 0 | 0 | 11 | 5 | 1 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 72 | 0 | 0 | 0 | 0 | 0 |
| SOIL LOSS: | | | | | | | | | | | | | | |
| 10 | 24 | 408 | 5 | 0 | 193 | 40 | 0 | 0 | 0 | 23 | 4013 | 0 | 19 | 8 |
| 11 | 0 | 246 | 1 | 0 | 243 | 43 | 0 | 7 | 0 | 0 | 110 | 0 | 39 | 0 |
| 12 | 0 | 35 | 7 | 0 | 516 | 0 | 0 | 0 | 0 | 0 | 73 | 0 | 0 | 0 |
| 13 | 0 | 114 | 4 | 0 | 45 | 0 | 0 | 0 | 0 | 0 | 106 | 7 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 85 | 76 | 0 | 0 | 0 | 0 | 49 | 11 | 0 | 0 |
| 15 | 5 | 0 | 0 | 0 | 27 | 9 | 0 | 0 | 0 | 0 | 36 | 0 | 4 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 10 | 5 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 61 | 0 | 0 | 0 | 0 | 0 |

TABLE 2.4 DRYLAND CROP PRODUCTION (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN THE NORTH CENTRAL REGION

LAND CLASS BARLEY CORN G CORN S COTTON L HAY NL HAY OATS PASTURE SORG G SORG S SOYBEAN SGRBEET WHEAT
 BU BU TONS BALES TONS TONS BU TONS BU TONS BU TONS BU

TREND:

| | | | | | | | | | | | | | | |
|---|--------|---------|-------|-----|-------|-------|--------|-------|--------|------|--------|-------|--------|--|
| 1 | 17772 | 947560 | 27493 | 452 | 3954 | 1717 | 28953 | | | | | | | |
| 2 | 105977 | 1803396 | 4742 | 3 | 35734 | 2161 | 257766 | 0 | 28782 | 8339 | 365059 | 3827 | 28978 | |
| 3 | 48876 | 1984149 | 2791 | 0 | 28243 | 19389 | 189181 | 0 | 50894 | 4217 | 647340 | 345 | 205334 | |
| 4 | 6514 | 561326 | 2021 | 1 | 12862 | 11780 | 123943 | 0 | 17706 | 7236 | 583773 | 12752 | 238607 | |
| 5 | 31595 | 405693 | 1697 | 0 | 1651 | 4740 | 18345 | 0 | 178289 | 2136 | 346652 | 0 | 120019 | |
| 6 | 0 | 124555 | 2493 | 0 | 560 | 7117 | 24248 | 0 | 14928 | 0 | 185007 | 4561 | 159057 | |
| 7 | 0 | 12594 | 0 | 0 | 0 | 410 | 3669 | 0 | 11705 | 0 | 67954 | 0 | 59696 | |
| 8 | 0 | 0 | 0 | 0 | 0 | 51 | 0 | 0 | 5148 | 0 | 5624 | 0 | 2350 | |
| 9 | 0 | 0 | 0 | 0 | 0 | 1210 | 1209 | 42122 | 0 | 0 | 0 | 0 | 0 | |

PRIME LANDS:

| | | | | | | | | | | | | | |
|---|--------|---------|-------|-----|-------|-------|--------|-------|--------|------|--------|-------|--------|
| 1 | 18154 | 916539 | 28482 | 458 | 4003 | 2038 | 31604 | 0 | 27631 | 8486 | 373341 | 3840 | 30473 |
| 2 | 143151 | 1838002 | 4542 | 3 | 36638 | 2584 | 258280 | 0 | 56997 | 4692 | 663208 | 345 | 203353 |
| 3 | 46872 | 2118420 | 1297 | 0 | 28246 | 16288 | 182534 | 0 | 18152 | 7272 | 631300 | 15865 | 250532 |
| 4 | 6908 | 538221 | 805 | 1 | 11724 | 12315 | 118697 | 0 | 167702 | 1915 | 334144 | 0 | 120502 |
| 5 | 21593 | 348567 | 1573 | 0 | 1834 | 4387 | 20108 | 0 | 13060 | 0 | 155769 | 2058 | 167376 |
| 6 | 0 | 91251 | 2834 | 0 | 946 | 7021 | 31922 | 0 | 11705 | 0 | 52674 | 0 | 57723 |
| 7 | 0 | 10849 | 0 | 0 | 57 | 193 | 2769 | 0 | 6617 | 0 | 5085 | 0 | 3440 |
| 8 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 1214 | 1185 | 42087 | 0 | 0 | 0 | 0 | 0 |

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FRAGILE:

| | | | | | | | | | | | | | |
|---|-------|---------|-------|-----|-------|-------|--------|-------|--------|-------|--------|------|--------|
| 1 | 18108 | 909750 | 26049 | 452 | 5523 | 1712 | 46634 | 0 | 25631 | 10101 | 365071 | 3827 | 26271 |
| 2 | 98136 | 1790631 | 4251 | 3 | 37205 | 1543 | 258714 | 0 | 52336 | 2496 | 644728 | 345 | 231613 |
| 3 | 38703 | 2034692 | 2771 | 0 | 25648 | 16744 | 188425 | 0 | 26055 | 9151 | 589251 | 8271 | 249705 |
| 4 | 5192 | 589454 | 2139 | 1 | 10073 | 12558 | 121257 | 0 | 175846 | 2135 | 321665 | 121 | 115187 |
| 5 | 53667 | 392234 | 1712 | 0 | 1589 | 4444 | 22091 | 0 | 20267 | 0 | 193486 | 8028 | 134247 |
| 6 | 0 | 125335 | 2429 | 0 | 214 | 5256 | 15157 | 0 | 4239 | 0 | 71820 | 0 | 37547 |
| 7 | 0 | 6331 | 0 | 0 | 0 | 1008 | 3455 | 0 | 0 | 0 | 2820 | 0 | 3021 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45546 | 0 | 0 | 0 | 0 | 0 |

PRIME-FRAGILE:

| | | | | | | | | | | | | | |
|---|--------|---------|-------|-----|-------|-------|--------|-------|--------|------|--------|-------|--------|
| 1 | 18810 | 914506 | 28551 | 458 | 6527 | 2638 | 39116 | 0 | 29412 | 8560 | 375593 | 2985 | 36497 |
| 2 | 111341 | 1840128 | 4506 | 3 | 38196 | 2255 | 272250 | 0 | 58892 | 4796 | 661653 | 345 | 214038 |
| 3 | 57270 | 2109254 | 1390 | 0 | 25670 | 16762 | 189192 | 0 | 30398 | 6687 | 627619 | 16226 | 258554 |
| 4 | 11735 | 550430 | 807 | 1 | 8615 | 12256 | 121217 | 0 | 164736 | 1911 | 298641 | 80 | 99663 |
| 5 | 28963 | 336172 | 1837 | 0 | 1553 | 3549 | 17436 | 0 | 16800 | 0 | 166079 | 1704 | 166906 |
| 6 | 0 | 101034 | 2319 | 0 | 171 | 5282 | 13262 | 0 | 4205 | 0 | 60736 | 0 | 39935 |
| 7 | 0 | 5916 | 0 | 0 | 0 | 973 | 3341 | 0 | 0 | 0 | 1742 | 0 | 2099 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45501 | 0 | 0 | 0 | 0 | 0 |

TABLE 2.4 (CONTINUED)

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|-------------------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | |
| 1 | 31168 | 936305 | 25032 | 451 | 4040 | 1717 | 30842 | 0 | 28744 | 8326 | 358593 | 3826 | 28805 |
| 2 | 133161 | 1791689 | 4165 | 3 | 35560 | 1948 | 251901 | 0 | 49774 | 4280 | 647482 | 345 | 199792 |
| 3 | 35528 | 2008528 | 2807 | 0 | 28407 | 17529 | 194436 | 0 | 17770 | 10148 | 587772 | 8434 | 238456 |
| 4 | 4854 | 570681 | 1979 | 1 | 12786 | 11964 | 124435 | 0 | 177497 | 2127 | 344012 | 0 | 122691 |
| 5 | 27749 | 395857 | 1732 | 0 | 1647 | 4756 | 18283 | 0 | 14925 | 0 | 188704 | 8017 | 166315 |
| 6 | 0 | 123489 | 2505 | 0 | 525 | 7260 | 24864 | 0 | 10637 | 0 | 68381 | 0 | 58525 |
| 7 | 0 | 12053 | 0 | 0 | 0 | 255 | 2318 | 0 | 6424 | 0 | 6246 | 0 | 4032 |
| 8 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 1215 | 1206 | 42188 | 0 | 0 | 0 | 0 | 0 |

HIGH EXPORT:

| | | | | | | | | | | | | | |
|---|--------|---------|-------|-----|-------|-------|--------|-------|--------|------|--------|------|--------|
| 1 | 24275 | 1473417 | 26130 | 446 | 3939 | 1337 | 24856 | 0 | 29751 | 6828 | 306419 | 4445 | 14883 |
| 2 | 179744 | 1799350 | 0 | 3 | 31078 | 1816 | 181969 | 0 | 33570 | 2206 | 671073 | 0 | 280912 |
| 3 | 89204 | 2281787 | 1971 | 0 | 18777 | 19457 | 105763 | 0 | 28343 | 722 | 574981 | 7148 | 277597 |
| 4 | 3272 | 671969 | 4140 | 133 | 17641 | 7751 | 128771 | 0 | 145306 | 7557 | 375790 | 472 | 168399 |
| 5 | 6014 | 423441 | 1090 | 0 | 4188 | 4027 | 21644 | 0 | 28962 | 0 | 217275 | 8999 | 177400 |
| 6 | 4338 | 132326 | 4772 | 0 | 1048 | 8136 | 50412 | 0 | 37235 | 3506 | 74881 | 0 | 78134 |
| 7 | 0 | 24855 | 2347 | 0 | 1768 | 628 | 21415 | 0 | 2342 | 0 | 10494 | 0 | 12531 |
| 8 | 0 | 0 | 0 | 0 | 0 | 379 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 15386 | 59 | 0 | 1790 | 3129 | 24565 | 41700 | 206 | 0 | 229 | 0 | 9378 |

SOIL LOSS:

| | | | | | | | | | | | | | |
|---|--------|---------|-------|-----|-------|-------|--------|-------|--------|-------|--------|------|--------|
| 1 | 36581 | 1027129 | 22552 | 415 | 3362 | 1594 | 10558 | 0 | 29184 | 5555 | 383233 | 3827 | 23848 |
| 2 | 216210 | 1772558 | 3959 | 6 | 34386 | 1519 | 224669 | 0 | 53272 | 4367 | 646967 | 4420 | 192741 |
| 3 | 35903 | 2004442 | 2224 | 0 | 21590 | 19259 | 108854 | 0 | 20568 | 15125 | 643794 | 8476 | 255552 |
| 4 | 0 | 509167 | 2655 | 29 | 16554 | 12414 | 180578 | 0 | 179736 | 2136 | 285987 | 0 | 139972 |
| 5 | 29705 | 433371 | 1874 | 0 | 1945 | 4778 | 29935 | 0 | 15956 | 0 | 200542 | 2582 | 152517 |
| 6 | 0 | 147144 | 2225 | 0 | 2755 | 6259 | 47971 | 0 | 8755 | 0 | 21844 | 0 | 54664 |
| 7 | 0 | 9284 | 412 | 0 | 0 | 138 | 1298 | 0 | 8236 | 0 | 5191 | 0 | 3516 |
| 8 | 0 | 0 | 0 | 0 | 0 | 215 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 1328 | 0 | 41928 | 0 | 0 | 0 | 0 | 0 |

TABLE 2.5 IRRIGATED CROP PRODUCTION (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN THE NORTH CENTRAL REGION

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TOSN | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|----------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| TREND: | | | | | | | | | | | | | |
| 10 | 2396 | 87536 | 61 | 0 | 557 | 279 | 0 | 0 | 2876 | 97996 | 0 | 558 | 621 |
| 11 | 0 | 38479 | 0 | 0 | 3745 | 244 | 0 | 0 | 0 | 29222 | 0 | 893 | 0 |
| 12 | 0 | 15675 | 76 | 0 | 506 | 318 | 735 | 0 | 0 | 1565 | 0 | 0 | 0 |
| 13 | 0 | 16408 | 725 | 0 | 238 | 35 | 0 | 0 | 0 | 2147 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 137 | 229 | 0 | 0 | 0 | 792 | 540 | 6 | 4 |
| 15 | 351 | 0 | 0 | 0 | 0 | 115 | 13 | 0 | 0 | 162 | 0 | 84 | 0 |
| 16 | 0 | 52 | 0 | 0 | 5 | 11 | 0 | 0 | 0 | 104 | 170 | 12 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | | | | | | | | | | | | | |
| 10 | 2396 | 92830 | 61 | 0 | 598 | 283 | 0 | 0 | 2876 | 98276 | 0 | 558 | 621 |
| 11 | 0 | 24624 | 0 | 0 | 1027 | 858 | 0 | 0 | 0 | 4950 | 0 | 875 | 0 |
| 12 | 0 | 10032 | 76 | 0 | 2512 | 311 | 735 | 0 | 0 | 1579 | 0 | 0 | 0 |
| 13 | 0 | 16343 | 716 | 0 | 236 | 34 | 0 | 0 | 0 | 1742 | 0 | 0 | 0 |
| 14 | 4 | 594 | 0 | 0 | 176 | 162 | 0 | 0 | 0 | 790 | 534 | 4 | 3 |
| 15 | 351 | 0 | 0 | 0 | 2 | 115 | 13 | 0 | 0 | 0 | 0 | 101 | 0 |
| 16 | 0 | 52 | 0 | 0 | 5 | 10 | 0 | 0 | 0 | 101 | 164 | 12 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 32 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | | | | | | | | | | | | | |
| 10 | 1543 | 73764 | 61 | 0 | 879 | 279 | 0 | 0 | 1871 | 98166 | 0 | 655 | 257 |
| 11 | 0 | 39473 | 0 | 0 | 1949 | 245 | 0 | 0 | 0 | 4392 | 0 | 254 | 0 |
| 12 | 218 | 7690 | 76 | 0 | 3102 | 91 | 0 | 0 | 259 | 1185 | 0 | 242 | 0 |
| 13 | 0 | 15601 | 735 | 0 | 266 | 35 | 0 | 0 | 0 | 2053 | 0 | 0 | 0 |
| 14 | 0 | 614 | 0 | 0 | 195 | 169 | 0 | 0 | 0 | 812 | 538 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 360 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 109 | 170 | 5 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | | | | | | | | | | | | | |
| 10 | 2396 | 89615 | 61 | 0 | 880 | 283 | 0 | 0 | 2876 | 98456 | 0 | 676 | 878 |
| 11 | 0 | 24625 | 0 | 0 | 2853 | 248 | 0 | 0 | 0 | 6459 | 0 | 254 | 0 |
| 12 | 121 | 8020 | 76 | 0 | 2139 | 212 | 0 | 0 | 0 | 1192 | 0 | 245 | 0 |
| 13 | 0 | 16347 | 725 | 0 | 265 | 34 | 0 | 0 | 0 | 1616 | 0 | 0 | 0 |
| 14 | 0 | 593 | 0 | 0 | 193 | 162 | 0 | 0 | 0 | 603 | 534 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 335 | 0 | 0 | 0 |
| 16 | 0 | 52 | 0 | 0 | 3 | 12 | 0 | 0 | 0 | 106 | 164 | 5 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 0 |

TABLE 2.5 (CONTINUED)

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|-------------------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | |
| 10 | 2396 | 78318 | 61 | 0 | 557 | 279 | 0 | 0 | 2876 | 97971 | 0 | 555 | 621 |
| 11 | 0 | 32259 | 0 | 0 | 3756 | 245 | 756 | 0 | 0 | 2977 | 0 | 893 | 0 |
| 12 | 0 | 16529 | 76 | 0 | 598 | 260 | 0 | 0 | 0 | 1559 | 0 | 0 | 0 |
| 13 | 0 | 16601 | 719 | 0 | 237 | 35 | 0 | 0 | 0 | 2180 | 0 | 0 | 0 |
| 14 | 6 | 0 | 0 | 0 | 138 | 229 | 0 | 0 | 0 | 792 | 538 | 6 | 4 |
| 15 | 351 | 0 | 0 | 0 | 0 | 115 | 0 | 0 | 0 | 183 | 0 | 84 | 0 |
| 16 | 0 | 54 | 0 | 0 | 5 | 10 | 0 | 0 | 0 | 104 | 170 | 12 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 15 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | |
| 10 | 854 | 98221 | 189 | 0 | 75 | 259 | 0 | 0 | 1005 | 99862 | 0 | 221 | 621 |
| 11 | 899 | 39163 | 0 | 0 | 3047 | 13 | 0 | 0 | 2114 | 4002 | 0 | 685 | 795 |
| 12 | 0 | 58234 | 76 | 0 | 726 | 0 | 0 | 0 | 0 | 1527 | 0 | 0 | 0 |
| 13 | 0 | 16408 | 725 | 0 | 238 | 35 | 0 | 0 | 0 | 919 | 0 | 0 | 0 |
| 14 | 77 | 0 | 0 | 0 | 137 | 62 | 0 | 0 | 0 | 1105 | 1449 | 77 | 50 |
| 15 | 351 | 2540 | 0 | 0 | 0 | 77 | 0 | 0 | 0 | 173 | 27 | 84 | 726 |
| 16 | 0 | 52 | 0 | 0 | 3 | 11 | 0 | 0 | 0 | 118 | 170 | 11 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36 | 0 | 0 | 0 | 0 | 0 |
| SOIL LOSS: | | | | | | | | | | | | | |
| 10 | 2396 | 76197 | 128 | 0 | 1282 | 0 | 0 | 0 | 2876 | 96897 | 0 | 558 | 621 |
| 11 | 0 | 39163 | 20 | 0 | 1566 | 143 | 727 | 0 | 0 | 2398 | 0 | 1069 | 180 |
| 12 | 1 | 5104 | 169 | 0 | 3121 | 0 | 0 | 0 | 0 | 1562 | 0 | 2 | 0 |
| 13 | 0 | 16408 | 725 | 0 | 286 | 0 | 0 | 0 | 0 | 2029 | 299 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 389 | 248 | 0 | 0 | 0 | 807 | 540 | 0 | 0 |
| 15 | 351 | 0 | 0 | 0 | 110 | 31 | 0 | 0 | 0 | 504 | 0 | 84 | 0 |
| 16 | 0 | 0 | 0 | 0 | 1 | 15 | 0 | 0 | 0 | 104 | 170 | 7 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 32 | 0 | 0 | 0 | 0 | 0 |

TABLE 2.6 QUANTITIES OF CROP COMMODITIES PRODUCED (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN THE NORTH CENTRAL REGION

| TREND: | | UNIT | PRODUCED | INTER | CONSUMED | NET EXPORT |
|----------------|----------|-------|-----------|---------|----------|------------|
| | CORN | BU | 5997418 | 2559944 | 164498 | 3272976 |
| | SORGHUM | BU | 310328 | 204793 | 3891 | 101645 |
| | BARLEY | BU | 213486 | 164474 | 56942 | -7930 |
| | OATS | BU | 648070 | 460612 | 27394 | 160063 |
| | WHEAT | BU | 814666 | 28698 | 185048 | 600921 |
| | SOYBEANS | BU | 2,205,021 | 546,124 | 129,803 | 1,529,096 |
| | COTTON | BALES | 457 | 0 | 1,732 | -1,275 |
| PRIME LANDS: | CORN | BU | 6006328 | 2559944 | 164498 | 3281886 |
| | SORGHUM | BU | 304739 | 204793 | 3891 | 96056 |
| | BARLEY | BU | 239430 | 164474 | 56942 | 18014 |
| | OATS | BU | 647847 | 460612 | 27394 | 159841 |
| | WHEAT | BU | 834022 | 28698 | 185048 | 620277 |
| | SOYBEANS | BU | 2,219,162 | 546,124 | 129,803 | 1,543,237 |
| | COTTON | BALES | 463 | 0 | 1,732 | -1,269 |
| FRAGILE: | CORN | BU | 5986565 | 2559944 | 164498 | 3262123 |
| | SORGHUM | BU | 306506 | 204793 | 3891 | 97822 |
| | BARLEY | BU | 215566 | 164474 | 56942 | -5850 |
| | OATS | BU | 655732 | 460612 | 27394 | 167725 |
| | WHEAT | BU | 797851 | 28698 | 185048 | 584105 |
| | SOYBEANS | BU | 2,192,452 | 546,124 | 129,803 | 1,516,527 |
| | COTTON | BALES | 457 | 0 | 1,732 | -1,275 |
| PRIME-FRAGILE: | CORN | BU | 5996689 | 2559944 | 164498 | 3272247 |
| | SORGHUM | BU | 307318 | 204793 | 3891 | 98635 |
| | BARLEY | BU | 230636 | 164474 | 56942 | 9220 |
| | OATS | BU | 655814 | 460612 | 27394 | 167807 |
| | WHEAT | BU | 818570 | 28698 | 185048 | 604824 |
| | SOYBEANS | BU | 2,195,702 | 546,124 | 129,803 | 1,519,775 |
| | COTTON | BALES | 463 | 0 | 1,732 | -1,269 |
| ENV. CORR. | CORN | BU | 5988358 | 2559944 | 164498 | 3263916 |
| | SORGHUM | BU | 308646 | 204793 | 3891 | 99963 |
| | BARLEY | BU | 235214 | 164474 | 56942 | 13798 |
| | OATS | BU | 649041 | 460612 | 27394 | 161034 |
| | WHEAT | BU | 819241 | 28698 | 185048 | 605495 |
| | SOYBEANS | BU | 2,204,801 | 546,124 | 129,803 | 1,528,874 |
| | COTTON | BALES | 456 | 0 | 1,732 | -1,276 |
| HIGH EXPORT: | CORN | BU | 7037146 | 2559944 | 164498 | 4312704 |
| | SORGHUM | BU | 308835 | 204793 | 3891 | 100151 |
| | BARLEY | BU | 309027 | 164474 | 56942 | 87811 |
| | OATS | BU | 559394 | 460612 | 27394 | 71387 |
| | WHEAT | BU | 1021456 | 28698 | 185048 | 807710 |
| | SOYBEANS | BU | 2,236,487 | 546,124 | 129,803 | 1,560,560 |
| | COTTON | BALES | 583 | 0 | 1,732 | -1,150 |
| SOIL LOSS: | CORN | BU | 6039971 | 2559944 | 164498 | 3315529 |
| | SORGHUM | BU | 318583 | 204793 | 3891 | 109899 |
| | BARLEY | BU | 321147 | 164474 | 56942 | 99731 |
| | OATS | BU | 604589 | 460612 | 27394 | 116583 |
| | WHEAT | BU | 823610 | 28698 | 185048 | 603864 |
| | SOYBEANS | BU | 2,191,434 | 546,124 | 129,803 | 1,515,507 |
| | COTTON | BALES | 451 | 0 | 1,732 | -1,281 |

TABLE 2.7 RESOURCE USE IN CROP PRODUCTION (THOUSANDS OF DOLLARS) UNDER ALTERNATIVE FUTURES IN THE NORTH CENTRAL REGION

| TREND: | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|----------------|---------|--------|--------|--------|----------|---------|--------|
| BARLEY | 39661 | 893 | 16791 | 30623 | 15303 | 126419 | 1550 |
| CORN G | 1702854 | 46314 | 305296 | 553840 | 413683 | 2146787 | 184826 |
| CORN S | 78317 | 1032 | 37471 | 11976 | 17458 | 169683 | 11152 |
| COTTON | 15787 | 22 | 10329 | 4026 | 3921 | 28367 | 2689 |
| HAY L | 519133 | 46723 | 171737 | 47020 | 165672 | 981483 | 94511 |
| HAY N | 268759 | 1886 | 99950 | 97014 | 88862 | 634768 | 60965 |
| S FALLOW | 32893 | 0 | 2233 | 529 | 0 | 10276 | 0 |
| OATS | 158268 | 642 | 38305 | 22310 | 56625 | 268875 | 4128 |
| SORG G | 48042 | 1488 | 21534 | 129172 | 12685 | 182351 | 5300 |
| SORG S | 241050 | 225527 | 82009 | 6924 | 15546 | 303686 | 12426 |
| SOYBEANS | 1715814 | 366 | 243404 | 720557 | 557330 | 2226992 | 52349 |
| SUGAR BEET | 30538 | 3606 | 65003 | 17866 | 24137 | 49574 | 7659 |
| WHEAT | 315560 | 388 | 75448 | 164353 | 93862 | 566293 | 12964 |
| PRIME LANDS: | | | | | | | |
| BARLEY | 40439 | 862 | 18394 | 39125 | 16941 | 139232 | 1627 |
| CORN G | 1535744 | 40800 | 304511 | 536553 | 414475 | 2140712 | 184818 |
| CORN S | 72326 | 1019 | 36384 | 9636 | 16602 | 164600 | 10757 |
| COTTON | 15167 | 22 | 10353 | 4039 | 3934 | 28432 | 2698 |
| HAY L | 471306 | 41006 | 171907 | 49504 | 166669 | 987334 | 94947 |
| HAY N | 229336 | 10936 | 95508 | 87935 | 84071 | 602788 | 58901 |
| S FALLOW | 29412 | 0 | 2548 | 232 | 0 | 11753 | 0 |
| OATS | 151790 | 652 | 38647 | 22828 | 56345 | 270630 | 4166 |
| SORG G | 39144 | 1438 | 21228 | 122156 | 12744 | 179511 | 5174 |
| SORG S | 231149 | 220675 | 83616 | 7381 | 15948 | 309463 | 12682 |
| SOYBEANS | 1574454 | 361 | 244837 | 677131 | 562276 | 2233774 | 52785 |
| SUGAR BEET | 31249 | 3538 | 65827 | 17878 | 24141 | 50221 | 7665 |
| WHEAT | 279818 | 357 | 76049 | 141703 | 94264 | 571574 | 12899 |
| FRAGILE: | | | | | | | |
| BARLEY | 50807 | 992 | 17896 | 49640 | 16484 | 137189 | 1250 |
| CORN G | 1788721 | 40993 | 305677 | 537029 | 413614 | 2150603 | 184637 |
| CORN S | 82455 | 1048 | 35297 | 11650 | 16764 | 159434 | 10447 |
| COTTON | 16238 | 22 | 10328 | 4026 | 3920 | 28362 | 2689 |
| HAY L | 604312 | 52752 | 166630 | 55920 | 163838 | 960024 | 92422 |
| HAY N | 280691 | 1896 | 91780 | 64185 | 82483 | 581155 | 55459 |
| S FALLOW | 39979 | 0 | 2086 | 520 | 0 | 9590 | 0 |
| OATS | 201174 | 37 | 38813 | 23787 | 54779 | 269467 | 4247 |
| SORG G | 60519 | 1228 | 20922 | 127194 | 13038 | 177075 | 5138 |
| SORG S | 271455 | 227725 | 84222 | 8300 | 16211 | 314692 | 12942 |
| SOYBEANS | 1823309 | 364 | 243190 | 651745 | 554849 | 2220208 | 51958 |
| SUGAR BEET | 25319 | 3578 | 63881 | 18082 | 23930 | 48691 | 7659 |
| WHEAT | 371541 | 80 | 73670 | 131230 | 95320 | 552154 | 12857 |
| PRIME FRAGILE: | | | | | | | |
| BARLEY | 40296 | 1070 | 18442 | 47937 | 16929 | 138948 | 1672 |
| CORN G | 1514348 | 40447 | 304524 | 540902 | 415051 | 2143426 | 184337 |
| CORN S | 71800 | 1019 | 36163 | 9326 | 16704 | 163721 | 10725 |
| COTTON | 15285 | 22 | 10419 | 4063 | 3957 | 28613 | 2714 |
| HAY L | 489090 | 51399 | 167255 | 53362 | 163976 | 961244 | 92241 |
| HAY N | 237853 | 2017 | 91276 | 91103 | 82761 | 574442 | 55383 |
| S FALLOW | 33069 | 0 | 2419 | 66 | 0 | 11163 | 0 |
| OATS | 161803 | 0 | 38669 | 26701 | 54762 | 269053 | 4185 |
| SORG G | 43002 | 1369 | 21037 | 118706 | 12960 | 178024 | 5176 |
| SORG S | 216152 | 215619 | 83345 | 7210 | 15822 | 307802 | 12579 |
| SOYBEANS | 1575824 | 356 | 242750 | 601187 | 556642 | 2209340 | 51985 |
| SUGAR BEET | 32585 | 3424 | 62990 | 17391 | 23500 | 48833 | 7031 |
| WHEAT | 297471 | 433 | 73731 | 138581 | 93303 | 553311 | 12305 |

TABLE 2.7 (CONTINUED)

| | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|-------------------------|---------|--------|--------|--------|----------|---------|--------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| BARLEY | 52894 | 894 | 18331 | 65103 | 16952 | 139260 | 1575 |
| CORN G | 1724199 | 42444 | 305131 | 561967 | 413161 | 2146225 | 184571 |
| CORN S | 76224 | 1027 | 34222 | 11886 | 16153 | 154474 | 10090 |
| COTTON | 15743 | 22 | 10308 | 4018 | 3913 | 28309 | 2684 |
| HAY L | 546570 | 47205 | 171785 | 46762 | 165696 | 982386 | 94371 |
| HAY N | 268412 | 1820 | 96988 | 98687 | 85305 | 612857 | 59480 |
| S FALLOW | 32991 | 0 | 2184 | 528 | 0 | 10049 | 0 |
| DATS | 183438 | 645 | 38638 | 23159 | 56253 | 270063 | 4169 |
| SDRG G | 48223 | 1489 | 21364 | 129122 | 12540 | 180893 | 5274 |
| SDRG S | 246861 | 226095 | 85212 | 10351 | 16490 | 319662 | 13138 |
| SOYBEANS | 1721907 | 365 | 243654 | 754612 | 536918 | 2230879 | 52283 |
| SUGAR BEET | 25075 | 3612 | 63892 | 17921 | 24137 | 48691 | 7659 |
| WHEAT | 321025 | 388 | 76148 | 172985 | 94996 | 572982 | 12951 |

HIGH EXPORT:

| | | | | | | | |
|------------|---------|--------|--------|---------|--------|---------|--------|
| BARLEY | 247466 | 2743 | 21557 | 94331 | 19038 | 168829 | 1150 |
| CORN G | 4840941 | 97451 | 359231 | 846069 | 469060 | 2515703 | 215042 |
| CORN S | 188263 | 1477 | 40900 | 122562 | 18417 | 182354 | 11979 |
| COTTON | 37262 | 22 | 14115 | 5102 | 4857 | 37080 | 3418 |
| HAY L | 1140014 | 37654 | 169726 | 48941 | 155418 | 981421 | 94179 |
| HAY N | 706721 | 453 | 96726 | 124855 | 87491 | 617768 | 59599 |
| S FALLOW | 174033 | 0 | 3173 | 2680 | 0 | 14638 | 0 |
| DATS | 384336 | 0 | 36452 | 30158 | 55957 | 242342 | 4856 |
| SDRG G | 198419 | 3651 | 23100 | 391218 | 12503 | 195595 | 5367 |
| SDRG S | 488482 | 323688 | 83934 | 21555 | 15845 | 311547 | 12289 |
| SOYBEANS | 4321592 | 592 | 252483 | 1049666 | 567304 | 2331171 | 54350 |
| SUGAR BEET | 65191 | 5232 | 67563 | 19714 | 23556 | 51345 | 7899 |
| WHEAT | 1246971 | 3957 | 101072 | 434632 | 120485 | 775714 | 15997 |

SOIL LOSS:

| | | | | | | | |
|------------|---------|--------|--------|--------|--------|---------|--------|
| BARLEY | 92225 | 905 | 24349 | 24391 | 22428 | 188555 | 1838 |
| CORN G | 1802471 | 38294 | 306409 | 558041 | 414561 | 2150496 | 186320 |
| CORN S | 76501 | 1074 | 33547 | 10621 | 14758 | 150327 | 9867 |
| COTTON | 14937 | 22 | 10473 | 11044 | 4394 | 28759 | 3012 |
| HAY L | 575507 | 46705 | 168231 | 52142 | 156038 | 961264 | 92706 |
| HAY N | 272798 | 5613 | 98196 | 97904 | 85937 | 622387 | 59599 |
| S FALLOW | 46031 | 0 | 2380 | 2602 | 0 | 11014 | 0 |
| DATS | 171887 | 537 | 35193 | 24366 | 52785 | 242263 | 4067 |
| SDRG G | 61536 | 1535 | 21654 | 172438 | 12471 | 183342 | 5408 |
| SDRG S | 261078 | 227547 | 88756 | 8952 | 16908 | 337566 | 13708 |
| SOYBEANS | 1822717 | 578 | 240658 | 740851 | 551196 | 2198018 | 51515 |
| SUGAR BEET | 25922 | 3691 | 60826 | 16651 | 14788 | 42036 | 9004 |
| WHEAT | 354638 | 526 | 74456 | 206503 | 92795 | 564730 | 11924 |

TABLE 2.8. QUANTITY OF WATER (THOUSANDS OF ACRE FEET) USED FOR IRRIGATION UNDER SEVEN ALTERNATIVE FUTURES IN NORTH CENTRAL REGION

| ALTERNATIVE FUTURE | QUANTITY OF WATER |
|------------------------|-------------------|
| TREND | 10,392 |
| PRIME | 10,481 |
| FRAGILE | 10,520 |
| PRIME-FRAGILE | 10,617 |
| ENVIRONMENTAL CORRIDOR | 10,355 |
| HIGH EXPORT | 10,713 |
| SOIL LOSS | 10,614 |

CHAPTER 3. ILLINOIS

Note: There are no tables 3, 5, and 8 in this chapter because irrigation activity is not defined in the model for this geographical area.

TABLE 3.1 LAND USE (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN ILLINOIS

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXO G USED | TOT USED |
|-----------------------|-----------|---------|---------|----------|----------|------------|----------|
| TREND: | | | | | | | |
| LC 1-D | 5339 | 607 | 0 | 5277 | 0 | 62 | 5339 |
| LC 2-D | 6674 | 0 | 0 | 6583 | 0 | 91 | 6674 |
| LC 3-D | 6445 | 0 | 0 | 6345 | 0 | 100 | 6445 |
| LC 4-D | 1213 | 0 | 0 | 1195 | 0 | 18 | 1213 |
| LC 5-D | 2255 | 0 | 0 | 2215 | 0 | 40 | 2255 |
| LC 6-D | 876 | 0 | 0 | 834 | 0 | 10 | 844 |
| LC 7-D | 212 | 0 | 0 | 146 | 0 | 3 | 149 |
| LC 8-D | 69 | 0 | 0 | 0 | 0 | 1 | 2 |
| LC 9-D | 352 | 0 | 0 | 0 | 0 | 3 | 3 |
| LC 1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST D | 6157 | -341 | 0 | 6157 | 0 | 0 | 6157 |
| PAST I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 21926 | 607 | 0 | 21615 | 0 | 311 | 21926 |
| LC 6 TO 9 | 1509 | 0 | 0 | 981 | 0 | 18 | 998 |
| TOT CRPLND | 23435 | 607 | 0 | 22596 | 0 | 328 | 22924 |
| PRIME LANDS: | | | | | | | |
| LC 1-D | 5530 | 607 | 0 | 5469 | 0 | 62 | 5530 |
| LC 2-D | 7017 | 0 | 0 | 6925 | 0 | 91 | 7017 |
| LC 3-D | 6757 | 0 | 0 | 6657 | 0 | 100 | 6757 |
| LC 4-D | 1069 | 0 | 0 | 1051 | 0 | 18 | 1069 |
| LC 5-D | 2099 | 0 | 0 | 2060 | 0 | 40 | 2099 |
| LC 6-D | 820 | 0 | 0 | 780 | 0 | 10 | 789 |
| LC 7-D | 196 | 0 | 0 | 138 | 0 | 3 | 141 |
| LC 8-D | 56 | 0 | 0 | 0 | 0 | 1 | 1 |
| LC 9-D | 330 | 0 | 0 | 0 | 0 | 3 | 3 |
| LC 1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST D | 6092 | -341 | 0 | 6092 | 0 | 0 | 6092 |
| PAST I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 22472 | 607 | 0 | 22162 | 0 | 311 | 22472 |
| LC 6 TO 9 | 1403 | 0 | 0 | 917 | 0 | 18 | 935 |
| TOT CRPLND | 23875 | 607 | 0 | 23079 | 0 | 328 | 23407 |
| FRAGILE: | | | | | | | |
| LC 1-D | 5338 | 607 | 0 | 5276 | 0 | 62 | 5338 |
| LC 2-D | 6672 | 0 | 0 | 6581 | 0 | 91 | 6672 |
| LC 3-D | 6443 | 0 | 0 | 6343 | 0 | 100 | 6443 |
| LC 4-D | 1213 | 0 | 0 | 1195 | 0 | 18 | 1213 |
| LC 5-D | 2254 | 0 | 0 | 2215 | 0 | 40 | 2254 |
| LC 6-D | 872 | 0 | 0 | 831 | 0 | 10 | 841 |
| LC 7-D | 212 | 0 | 0 | 202 | 0 | 3 | 205 |
| LC 8-D | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| LC 9-D | 3 | 0 | 0 | 0 | 0 | 3 | 3 |
| LC 1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST D | 6539 | -341 | 0 | 6539 | 0 | 0 | 6539 |
| PAST I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 21920 | 607 | 0 | 21609 | 0 | 311 | 21920 |
| LC 6 TO 9 | 1088 | 0 | 0 | 1033 | 0 | 18 | 1051 |
| TOT CRPLND | 23009 | 607 | 0 | 22642 | 0 | 328 | 22971 |
| PRIME-FRAGILE: | | | | | | | |
| LC 1-D | 5483 | 560 | 0 | 5421 | 0 | 62 | 5483 |
| LC 2-D | 7017 | 0 | 0 | 6925 | 0 | 91 | 7017 |
| LC 3-D | 6757 | 0 | 0 | 6657 | 0 | 100 | 6757 |
| LC 4-D | 1077 | 0 | 0 | 1059 | 0 | 18 | 1077 |
| LC 5-D | 2084 | 0 | 0 | 2044 | 0 | 40 | 2084 |
| LC 6-D | 811 | 0 | 0 | 772 | 0 | 10 | 781 |
| LC 7-D | 195 | 0 | 0 | 136 | 0 | 3 | 139 |
| LC 8-D | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| LC 9-D | 3 | 0 | 0 | 0 | 0 | 3 | 3 |
| LC 1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST D | 6470 | -318 | 0 | 6470 | 0 | 0 | 6470 |
| PAST I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 22417 | 560 | 0 | 22107 | 0 | 311 | 22417 |
| LC 6 TO 9 | 1012 | 0 | 0 | 908 | 0 | 18 | 925 |
| TOT CRPLND | 23429 | 560 | 0 | 23014 | 0 | 328 | 23343 |

TABLE 3.1 (CONTINUED)

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXO G USED | TOT USED |
|--------------------------------|-----------|---------|---------|----------|----------|------------|----------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| LC 1-0 | 5328 | 607 | 0 | 5266 | 0 | 62 | 5328 |
| LC 2-0 | 6653 | 0 | 0 | 6562 | 0 | 91 | 6653 |
| LC 3-0 | 6426 | 0 | 0 | 6326 | 0 | 100 | 6426 |
| LC 4-0 | 1208 | 0 | 0 | 1190 | 0 | 18 | 1208 |
| LC 5-0 | 2248 | 0 | 0 | 2209 | 0 | 40 | 2248 |
| LC 6-0 | 874 | 0 | 0 | 832 | 0 | 10 | 842 |
| LC 7-0 | 211 | 0 | 0 | 146 | 0 | 3 | 149 |
| LC 8-0 | 69 | 0 | 0 | 0 | 0 | 1 | 70 |
| LC 9-0 | 351 | 0 | 0 | 0 | 0 | 3 | 354 |
| LC 1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 6154 | -341 | 0 | 6154 | 0 | 0 | 6154 |
| PAST 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 21864 | 607 | 0 | 21554 | 0 | 311 | 21864 |
| LC 6 TO 9 | 1505 | 0 | 0 | 978 | 0 | 13 | 996 |
| TOT CRPLND | 23369 | 607 | 0 | 22532 | 0 | 328 | 22860 |
| HIGH EXPORT: | | | | | | | |
| LC 1-0 | 5404 | 672 | 0 | 5342 | 0 | 62 | 5404 |
| LC 2-0 | 6674 | 0 | 0 | 6583 | 0 | 91 | 6674 |
| LC 3-0 | 6445 | 0 | 0 | 6345 | 0 | 100 | 6445 |
| LC 4-0 | 1213 | 0 | 0 | 1195 | 0 | 18 | 1213 |
| LC 5-0 | 2255 | 0 | 0 | 2215 | 0 | 40 | 2255 |
| LC 6-0 | 876 | 0 | 0 | 867 | 0 | 10 | 876 |
| LC 7-0 | 212 | 0 | 0 | 209 | 0 | 3 | 212 |
| LC 8-0 | 69 | 0 | 0 | 57 | 0 | 1 | 68 |
| LC 9-0 | 352 | 0 | 0 | 346 | 0 | 3 | 350 |
| LC 1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 6115 | -382 | 0 | 6115 | 0 | 0 | 6115 |
| PAST 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 21991 | 672 | 0 | 21680 | 0 | 311 | 21991 |
| LC 6 TO 9 | 1509 | 0 | 0 | 1478 | 0 | 18 | 1496 |
| TOT CRPLND | 23500 | 672 | 0 | 23158 | 0 | 328 | 23486 |
| SOIL LOSS: | | | | | | | |
| LC 1-0 | 5339 | 607 | 0 | 5277 | 0 | 62 | 5339 |
| LC 2-0 | 6674 | 0 | 0 | 6583 | 0 | 91 | 6674 |
| LC 3-0 | 6445 | 0 | 0 | 6345 | 0 | 100 | 6445 |
| LC 4-0 | 1213 | 0 | 0 | 1195 | 0 | 18 | 1213 |
| LC 5-0 | 2255 | 0 | 0 | 2215 | 0 | 40 | 2255 |
| LC 6-0 | 876 | 0 | 0 | 834 | 0 | 10 | 844 |
| LC 7-0 | 212 | 0 | 0 | 110 | 0 | 3 | 113 |
| LC 8-0 | 69 | 0 | 0 | 15 | 0 | 1 | 70 |
| LC 9-0 | 352 | 0 | 0 | 0 | 0 | 3 | 355 |
| LC 1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 6157 | -341 | 0 | 6157 | 0 | 0 | 6157 |
| PAST 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 21926 | 607 | 0 | 21615 | 0 | 311 | 21926 |
| LC 6 TO 9 | 1509 | 0 | 0 | 959 | 0 | 18 | 977 |
| TOT CRPLND | 23435 | 607 | 0 | 22574 | 0 | 328 | 22903 |

TABLE 3.2 DRYLAND CROP ACREAGES (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN ILLINOIS

| TREND: | LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEAN | SGRBEET | WHEAT |
|----------------|------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|---------|---------|-------|
| | 1 | 0 | 2649 | 118 | 0 | 33 | 0 | 0 | 17 | 0 | 0 | 0 | 2497 | 3 | 25 |
| | 2 | 53 | 3043 | 299 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 3145 | 0 | 70 |
| | 3 | 39 | 3335 | 0 | 0 | 64 | 0 | 0 | 42 | 0 | 0 | 0 | 3008 | 0 | 88 |
| | 4 | 30 | 339 | 11 | 0 | 11 | 0 | 0 | 6 | 0 | 0 | 0 | 700 | 0 | 75 |
| | 5 | 0 | 631 | 3 | 0 | 10 | 4 | 0 | 0 | 0 | 0 | 0 | 1535 | 0 | 40 |
| | 6 | 0 | 177 | 7 | 0 | 50 | 73 | 0 | 0 | 0 | 3 | 0 | 404 | 0 | 182 |
| | 7 | 0 | 46 | 0 | 0 | 0 | 65 | 0 | 28 | 0 | 0 | 0 | 39 | 0 | 24 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 33 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | | | 5816 | | | | | |
| PRIME LANDS: | 1 | 1 | 2714 | 127 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2642 | 3 | 34 |
| | 2 | 49 | 3186 | 299 | 0 | 49 | 0 | 0 | 32 | 0 | 0 | 0 | 3245 | 0 | 103 |
| | 3 | 52 | 3457 | 0 | 0 | 57 | 0 | 0 | 33 | 0 | 0 | 0 | 3199 | 0 | 116 |
| | 4 | 32 | 282 | 15 | 0 | 2 | 4 | 0 | 1 | 0 | 0 | 0 | 639 | 0 | 70 |
| | 5 | 0 | 560 | 2 | 0 | 29 | 74 | 0 | 11 | 0 | 0 | 0 | 1424 | 0 | 30 |
| | 6 | 0 | 109 | 1 | 0 | 45 | 77 | 0 | 38 | 0 | 3 | 0 | 370 | 0 | 180 |
| | 7 | 0 | 41 | 0 | 0 | 25 | 22 | 0 | 29 | 0 | 1 | 0 | 32 | 0 | 15 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | | | 5752 | | | | | |
| FRAGILE: | 1 | 1 | 2584 | 118 | 0 | 159 | 0 | 0 | 83 | 0 | 0 | 0 | 2347 | 3 | 25 |
| | 2 | 3 | 3050 | 299 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 3145 | 0 | 110 |
| | 3 | 0 | 3333 | 0 | 0 | 64 | 0 | 0 | 42 | 0 | 0 | 0 | 3007 | 0 | 127 |
| | 4 | 24 | 339 | 11 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 718 | 0 | 100 |
| | 5 | 0 | 647 | 4 | 0 | 2 | 26 | 0 | 0 | 0 | 0 | 0 | 1551 | 0 | 27 |
| | 6 | 0 | 260 | 0 | 0 | 7 | 46 | 0 | 4 | 0 | 1 | 0 | 453 | 0 | 164 |
| | 7 | 0 | 31 | 0 | 0 | 0 | 74 | 0 | 25 | 0 | 0 | 0 | 52 | 0 | 44 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | | | 6198 | | | | | |
| PRIME-FRAGILE: | 1 | 1 | 2654 | 118 | 0 | 156 | 0 | 0 | 82 | 0 | 0 | 0 | 2415 | 3 | 36 |
| | 2 | 54 | 3199 | 299 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 3311 | 0 | 102 |
| | 3 | 28 | 3464 | 0 | 0 | 64 | 0 | 0 | 42 | 0 | 0 | 0 | 3174 | 0 | 134 |
| | 4 | 55 | 271 | 11 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 656 | 0 | 63 |
| | 5 | 0 | 548 | 5 | 0 | 4 | 27 | 0 | 0 | 0 | 0 | 0 | 1455 | 0 | 40 |
| | 6 | 0 | 188 | 2 | 0 | 9 | 52 | 0 | 5 | 0 | 1 | 0 | 387 | 0 | 207 |
| | 7 | 0 | 29 | 0 | 0 | 0 | 65 | 0 | 25 | 0 | 0 | 0 | 13 | 0 | 21 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | | | 6152 | | | | | |

TABLE 3.2 (CONTINUED)

| LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEANS | SGRBET | WHEAT |
|-------------------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|----------|--------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | | |
| 1 | 0 | 2642 | 118 | 0 | 40 | 0 | 0 | 21 | 0 | 0 | 0 | 2482 | 3 | 24 |
| 2 | 52 | 3033 | 299 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 3135 | 0 | 68 |
| 3 | 39 | 3321 | 0 | 0 | 64 | 0 | 0 | 42 | 0 | 0 | 0 | 3001 | 0 | 88 |
| 4 | 23 | 351 | 11 | 0 | 11 | 4 | 0 | 9 | 0 | 0 | 0 | 683 | 0 | 74 |
| 5 | 0 | 633 | 4 | 0 | 10 | 72 | 0 | 0 | 0 | 3 | 0 | 1534 | 0 | 34 |
| 6 | 0 | 169 | 5 | 0 | 44 | 68 | 0 | 25 | 0 | 0 | 0 | 411 | 0 | 154 |
| 7 | 0 | 43 | 0 | 0 | 0 | 25 | 0 | 21 | 0 | 11 | 0 | 46 | 0 | 33 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5814 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | | |
| 1 | 0 | 3288 | 219 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2291 | 0 | 0 |
| 2 | 2 | 3349 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3155 | 0 | 113 |
| 3 | 0 | 3419 | 0 | 0 | 58 | 5 | 0 | 35 | 0 | 0 | 0 | 2978 | 0 | 119 |
| 4 | 1 | 379 | 11 | 0 | 11 | 4 | 0 | 6 | 0 | 0 | 0 | 701 | 0 | 70 |
| 5 | 0 | 687 | 9 | 0 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 1575 | 0 | 0 |
| 6 | 0 | 140 | 102 | 0 | 35 | 35 | 0 | 20 | 0 | 0 | 0 | 404 | 0 | 222 |
| 7 | 0 | 45 | 3 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 105 | 0 | 80 |
| 8 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 9 | 0 | 76 | 2 | 0 | 72 | 77 | 0 | 70 | 5733 | 5 | 0 | 0 | 0 | 0 |
| SOIL LOSS: | | | | | | | | | | | | | | |
| 1 | 1 | 2644 | 74 | 0 | 59 | 0 | 0 | 30 | 0 | 0 | 0 | 2491 | 3 | 25 |
| 2 | 50 | 3087 | 258 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 3143 | 0 | 70 |
| 3 | 50 | 3252 | 10 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 3200 | 0 | 116 |
| 4 | 0 | 269 | 34 | 0 | 30 | 28 | 0 | 33 | 0 | 0 | 0 | 685 | 0 | 144 |
| 5 | 0 | 644 | 0 | 0 | 10 | 62 | 0 | 0 | 0 | 0 | 0 | 1553 | 0 | 18 |
| 6 | 0 | 347 | 0 | 0 | 106 | 0 | 0 | 62 | 0 | 0 | 0 | 180 | 0 | 173 |
| 7 | 0 | 9 | 20 | 0 | 0 | 30 | 0 | 20 | 0 | 14 | 0 | 30 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5816 | 0 | 0 | 0 | 0 | 0 |

TABLE 3.4 DRYLAND CROP PRODUCTION (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN ILLINOIS

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEAN BU | SGRBEET TONS | WHEAT BU |
|----------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|---------------|-----------------|-------------|
| TREND: | | | | | | | | | | | | | |
| 1 | 0 | 366415 | 1995 | 0 | 140 | 0 | 1696 | 0 | 0 | 0 | 114915 | 65 | 1375 |
| 2 | 4436 | 423556 | 4080 | 0 | 0 | 0 | 632 | 0 | 0 | 0 | 149621 | 0 | 3740 |
| 3 | 3142 | 448701 | 0 | 0 | 307 | 0 | 3836 | 0 | 0 | 0 | 137846 | 0 | 4888 |
| 4 | 1959 | 42199 | 159 | 0 | 44 | 12 | 541 | 0 | 0 | 0 | 30138 | 0 | 3647 |
| 5 | 0 | 73704 | 44 | 0 | 39 | 227 | 0 | 0 | 220 | 0 | 65943 | 0 | 1648 |
| 6 | 0 | 19002 | 69 | 0 | 178 | 185 | 2149 | 0 | 0 | 0 | 16399 | 0 | 7927 |
| 7 | 0 | 3986 | 0 | 0 | 0 | 50 | 1456 | 0 | 764 | 0 | 1122 | 0 | 785 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2173 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | | | | | | | | | | | | | |
| 1 | 87 | 375161 | 2146 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 121603 | 65 | 1878 |
| 2 | 4110 | 442430 | 4080 | 0 | 188 | 1 | 2783 | 0 | 0 | 0 | 154279 | 0 | 5507 |
| 3 | 4212 | 465167 | 0 | 0 | 272 | 0 | 3000 | 0 | 0 | 0 | 146859 | 0 | 6379 |
| 4 | 2077 | 36044 | 201 | 0 | 6 | 11 | 75 | 0 | 0 | 0 | 27926 | 0 | 3519 |
| 5 | 0 | 65245 | 27 | 0 | 101 | 233 | 800 | 0 | 220 | 0 | 61322 | 0 | 1248 |
| 6 | 0 | 11650 | 9 | 0 | 176 | 208 | 2984 | 0 | 0 | 0 | 14810 | 0 | 7784 |
| 7 | 0 | 3618 | 0 | 0 | 54 | 33 | 1517 | 0 | 779 | 0 | 936 | 0 | 512 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2131 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | | | | | | | | | | | | | |
| 1 | 87 | 357198 | 1995 | 0 | 676 | 0 | 8197 | 0 | 0 | 0 | 108067 | 65 | 1372 |
| 2 | 274 | 424331 | 4080 | 0 | 0 | 0 | 632 | 0 | 0 | 0 | 149773 | 0 | 6052 |
| 3 | 0 | 448548 | 0 | 0 | 307 | 0 | 3836 | 0 | 0 | 0 | 137874 | 0 | 7044 |
| 4 | 1561 | 42380 | 159 | 0 | 5 | 6 | 0 | 0 | 0 | 0 | 30956 | 0 | 4971 |
| 5 | 0 | 75382 | 46 | 0 | 8 | 77 | 0 | 0 | 923 | 0 | 66580 | 0 | 1111 |
| 6 | 0 | 25502 | 64 | 0 | 30 | 112 | 328 | 0 | 0 | 0 | 18191 | 0 | 6899 |
| 7 | 0 | 2738 | 0 | 0 | 0 | 131 | 302 | 0 | 0 | 0 | 1329 | 0 | 1420 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2398 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | | | | | | | | | | | | | |
| 1 | 87 | 366992 | 1995 | 0 | 662 | 0 | 8032 | 0 | 0 | 0 | 111304 | 65 | 1987 |
| 2 | 4493 | 444799 | 4080 | 0 | 0 | 0 | 632 | 0 | 0 | 0 | 157444 | 0 | 5425 |
| 3 | 2255 | 466308 | 0 | 0 | 307 | 0 | 3836 | 0 | 0 | 0 | 145767 | 0 | 7398 |
| 4 | 3529 | 34413 | 159 | 0 | 4 | 8 | 0 | 0 | 0 | 0 | 28610 | 0 | 3116 |
| 5 | 0 | 63939 | 64 | 0 | 16 | 82 | 0 | 0 | 923 | 0 | 62387 | 0 | 1618 |
| 6 | 0 | 20701 | 20 | 0 | 36 | 132 | 393 | 0 | 0 | 0 | 15393 | 0 | 9111 |
| 7 | 0 | 2561 | 0 | 0 | 0 | 117 | 1323 | 0 | 0 | 0 | 341 | 0 | 673 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2342 | 0 | 0 | 0 | 0 | 0 |

TABLE 3.4 (CONTINUED)

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|-------------------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | |
| 1 | 0 | 365435 | 1995 | 0 | 171 | 0 | 2074 | 0 | 0 | 0 | 114226 | 65 | 1337 |
| 2 | 4402 | 422318 | 4080 | 0 | 0 | 2 | 632 | 0 | 0 | 0 | 149139 | 0 | 3630 |
| 3 | 3094 | 446838 | 0 | 0 | 307 | 1 | 3836 | 0 | 0 | 0 | 137532 | 0 | 4886 |
| 4 | 1460 | 43706 | 159 | 0 | 46 | 12 | 766 | 0 | 0 | 0 | 29408 | 0 | 3627 |
| 5 | 0 | 73822 | 49 | 0 | 39 | 225 | 0 | 0 | 220 | 0 | 65882 | 0 | 1427 |
| 6 | 0 | 18224 | 57 | 0 | 160 | 193 | 1934 | 0 | 0 | 0 | 16655 | 0 | 8039 |
| 7 | 0 | 3748 | 0 | 0 | 0 | 38 | 1103 | 0 | 764 | 0 | 1276 | 0 | 1037 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2172 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | |
| 1 | 0 | 459754 | 3508 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 105164 | 4 | 0 |
| 2 | 201 | 465319 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 151722 | 0 | 6187 |
| 3 | 0 | 459885 | 0 | 0 | 277 | 20 | 3174 | 0 | 0 | 0 | 136638 | 0 | 6686 |
| 4 | 81 | 47117 | 159 | 0 | 42 | 12 | 521 | 0 | 0 | 0 | 30247 | 0 | 3469 |
| 5 | 0 | 80863 | 126 | 0 | 30 | 5 | 0 | 0 | 0 | 0 | 67737 | 0 | 2 |
| 6 | 0 | 15500 | 1168 | 0 | 139 | 105 | 1615 | 0 | 0 | 0 | 16210 | 0 | 9671 |
| 7 | 0 | 4074 | 31 | 0 | 0 | 13 | 0 | 0 | 51 | 0 | 2762 | 0 | 2437 |
| 8 | 0 | 0 | 0 | 0 | 0 | 51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 3472 | 15 | 0 | 170 | 126 | 2978 | 2172 | 137 | 0 | 141 | 0 | 162 |
| SOIL LOSS: | | | | | | | | | | | | | |
| 1 | 87 | 365592 | 1221 | 0 | 246 | 0 | 2981 | 0 | 0 | 0 | 114801 | 65 | 1375 |
| 2 | 4191 | 419314 | 3776 | 0 | 0 | 0 | 630 | 0 | 0 | 0 | 146877 | 0 | 3740 |
| 3 | 4023 | 436116 | 159 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 146676 | 0 | 6452 |
| 4 | 0 | 34469 | 398 | 0 | 146 | 86 | 3021 | 0 | 0 | 0 | 29585 | 0 | 7035 |
| 5 | 0 | 76227 | 0 | 0 | 39 | 190 | 0 | 0 | 0 | 0 | 66948 | 0 | 793 |
| 6 | 0 | 36833 | 0 | 0 | 417 | 0 | 4918 | 0 | 0 | 0 | 7063 | 0 | 7625 |
| 7 | 0 | 862 | 194 | 0 | 0 | 49 | 1049 | 0 | 952 | 0 | 936 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2172 | 0 | 0 | 0 | 0 | 0 |

TABLE 3.6 QUANTITIES OF CROP COMMODITIES PRODUCED (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN ILLINOIS

| TREND: | UNIT | PRODUCED | INTER | CONSUMED | NET EXPORT |
|----------------|-------|----------|--------|----------|------------|
| CORN | BU | 1377561 | 276069 | 1327 | 1100165 |
| SORGHUM | BU | 984 | 5439 | 21 | -4475 |
| BARLEY | BU | 9537 | 2898 | 456 | 6183 |
| OATS | BU | 10309 | 9664 | 245 | 400 |
| WHEAT | BU | 24010 | 911 | 1472 | 21627 |
| SOYBEANS | BU | 515,982 | 53,759 | -335 | 462,558 |
| COTTON | BALES | 0 | 0 | 14 | -14 |
| PRIME LANDS: | | | | | |
| CORN | BU | 1399313 | 276069 | 1327 | 1121917 |
| SORGHUM | BU | 1000 | 5439 | 21 | -4461 |
| BARLEY | BU | 10487 | 2898 | 456 | 7133 |
| OATS | BU | 11159 | 9664 | 245 | 1249 |
| WHEAT | BU | 26827 | 911 | 1472 | 24444 |
| SOYBEANS | BU | 527,734 | 53,759 | -335 | 474,311 |
| COTTON | BALES | 0 | 0 | 14 | -14 |
| FRAGILE: | | | | | |
| CORN | BU | 1379077 | 276069 | 1327 | 1101681 |
| SORGHUM | BU | 923 | 5439 | 21 | -4538 |
| BARLEY | BU | 1923 | 2898 | 456 | -1431 |
| OATS | BU | 14294 | 9664 | 245 | 4384 |
| WHEAT | BU | 28869 | 911 | 1472 | 26486 |
| SOYBEANS | BU | 512,770 | 53,759 | -335 | 459,347 |
| COTTON | BALES | 0 | 0 | 14 | -14 |
| PRIME-FRAGILE: | | | | | |
| CORN | BU | 1399711 | 276069 | 1327 | 1122315 |
| SORGHUM | BU | 923 | 5439 | 21 | -4538 |
| BARLEY | BU | 10365 | 2898 | 456 | 7011 |
| OATS | BU | 14215 | 9664 | 245 | 4306 |
| WHEAT | BU | 29328 | 911 | 1472 | 26945 |
| SOYBEANS | BU | 521,245 | 53,759 | -335 | 467,821 |
| COTTON | BALES | 0 | 0 | 14 | -14 |
| ENV. CORR. | | | | | |
| CORN | BU | 1374088 | 276069 | 1327 | 1096692 |
| SORGHUM | BU | 984 | 5439 | 21 | -4476 |
| BARLEY | BU | 8956 | 2898 | 456 | 5602 |
| OATS | BU | 10343 | 9664 | 245 | 434 |
| WHEAT | BU | 23982 | 911 | 1472 | 21599 |
| SOYBEANS | BU | 514,118 | 53,759 | -335 | 460,694 |
| COTTON | BALES | 0 | 0 | 14 | -14 |
| HIGH EXPORT: | | | | | |
| CORN | BU | 1535988 | 276069 | 1327 | 1258592 |
| SORGHUM | BU | 188 | 5439 | 21 | -5273 |
| BARLEY | BU | 281 | 2898 | 456 | -3073 |
| OATS | BU | 8287 | 9664 | 245 | -1622 |
| WHEAT | BU | 28564 | 911 | 1472 | 26181 |
| SOYBEANS | BU | 510,622 | 53,759 | -335 | 457,198 |
| COTTON | BALES | 0 | 0 | 14 | -14 |
| SOIL LOSS: | | | | | |
| CORN | BU | 1369415 | 276069 | 1327 | 1092019 |
| SORGHUM | BU | 958 | 5439 | 21 | -4503 |
| BARLEY | BU | 8302 | 2898 | 456 | 4948 |
| OATS | BU | 12600 | 9664 | 245 | 2690 |
| WHEAT | BU | 27022 | 911 | 1472 | 24639 |
| SOYBEANS | BU | 512,887 | 53,759 | -335 | 459,463 |
| COTTON | BALES | 0 | 0 | 14 | -14 |

TABLE 3.7 RESOURCE USE IN CROP PRODUCTION (THOUSANDS OF DOLLARS) UNDER ALTERNATIVE FUTURES IN ILLINOIS

| TREND: | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|------------|--------|-------|-------|--------|----------|--------|-------|
| BARLEY | 2348 | 0 | 432 | 14 | 363 | 2793 | 110 |
| CORN G | 427801 | 0 | 57180 | 107893 | 114384 | 412938 | 42565 |
| CORN S | 11154 | 0 | 3318 | 609 | 2212 | 14811 | 1029 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 11215 | 0 | 2488 | 2180 | 4113 | 16363 | 2334 |
| HAY N | 3440 | 0 | 995 | 611 | 1004 | 6486 | 940 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 6973 | 0 | 1256 | 1204 | 1357 | 7070 | 244 |
| SORG G | 90 | 0 | 31 | 57 | 51 | 220 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 517673 | 0 | 53439 | 105816 | 177890 | 478356 | 12527 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 15774 | 0 | 2913 | 2145 | 6886 | 18059 | 610 |

PRIME LANDS:

| | | | | | | | |
|------------|--------|---|-------|--------|--------|--------|-------|
| BARLEY | 2235 | 0 | 451 | 13 | 379 | 2914 | 113 |
| CORN G | 303557 | 0 | 57499 | 108614 | 115177 | 415551 | 42828 |
| CORN S | 10136 | 0 | 3318 | 609 | 2212 | 14811 | 1029 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 9683 | 0 | 2596 | 2881 | 4465 | 17103 | 2542 |
| HAY N | 3350 | 0 | 1033 | 761 | 1073 | 6748 | 1003 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 5729 | 0 | 1229 | 1323 | 1332 | 6904 | 245 |
| SORG G | 71 | 0 | 31 | 58 | 52 | 223 | 6 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 478290 | 0 | 54177 | 107200 | 180188 | 484949 | 12699 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 16118 | 0 | 3151 | 2473 | 7439 | 19458 | 656 |

FRAGILE:

| | | | | | | | |
|------------|--------|---|-------|--------|--------|--------|-------|
| BARLEY | 1570 | 0 | 245 | 11 | 220 | 1614 | 44 |
| CORN G | 450053 | 0 | 57732 | 107552 | 114883 | 417523 | 42752 |
| CORN S | 11778 | 0 | 3318 | 609 | 2212 | 14811 | 1029 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 14899 | 0 | 2294 | 3579 | 4170 | 15178 | 2385 |
| HAY N | 2723 | 0 | 828 | 913 | 930 | 5450 | 870 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 9083 | 0 | 1217 | 1618 | 1273 | 6737 | 248 |
| SORG G | 141 | 0 | 29 | 51 | 46 | 211 | 5 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 542070 | 0 | 53419 | 108751 | 178444 | 478330 | 12585 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 18932 | 0 | 3471 | 3159 | 7828 | 21597 | 927 |

PRIME FRAGILE:

| | | | | | | | |
|------------|--------|---|-------|--------|--------|--------|-------|
| BARLEY | 3398 | 0 | 662 | 16 | 567 | 4322 | 149 |
| CORN G | 386240 | 0 | 57495 | 108855 | 115126 | 415543 | 42774 |
| CORN S | 9854 | 0 | 3318 | 609 | 2212 | 14811 | 1029 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 12642 | 0 | 2295 | 3545 | 4161 | 15150 | 2380 |
| HAY N | 2449 | 0 | 838 | 925 | 935 | 5508 | 875 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 7625 | 0 | 1212 | 1610 | 1277 | 6742 | 248 |
| SORG G | 111 | 0 | 28 | 53 | 47 | 204 | 5 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 471273 | 0 | 53978 | 106840 | 179191 | 483138 | 12670 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 15726 | 0 | 3255 | 2653 | 7655 | 20079 | 694 |

TABLE 3.7 (CONTINUED)

| | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|-------------------------|---------|-------|-------|--------|----------|--------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| BARLEY | 1889 | 0 | 357 | 17 | 296 | 2296 | 96 |
| CORN G | 428704 | 0 | 57140 | 107572 | 114183 | 412765 | 42501 |
| CORN S | 11196 | 0 | 3318 | 609 | 2212 | 14811 | 1029 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 11437 | 0 | 2468 | 2273 | 4101 | 16228 | 2326 |
| HAY N | 3552 | 0 | 993 | 604 | 1001 | 6471 | 937 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 7298 | 0 | 1256 | 1179 | 1252 | 7096 | 244 |
| SORG G | 92 | 0 | 31 | 57 | 51 | 220 | 6 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 516729 | 0 | 53247 | 105711 | 177392 | 476546 | 12486 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 15535 | 0 | 2899 | 2130 | 6851 | 17974 | 607 |
| HIGH EXPORT: | | | | | | | |
| BARLEY | 374 | 0 | 22 | 13 | 23 | 135 | 4 |
| CORN G | 1089892 | 0 | 63320 | 116090 | 123048 | 455487 | 46647 |
| CORN S | 25240 | 0 | 3761 | 589 | 2252 | 16189 | 971 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 22300 | 0 | 2714 | 3053 | 4642 | 17714 | 2621 |
| HAY N | 7565 | 0 | 1251 | 1152 | 1323 | 8043 | 1241 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 12526 | 0 | 1191 | 1338 | 1728 | 6784 | 238 |
| SORG G | 28 | 0 | 7 | 14 | 14 | 54 | 1 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 1219845 | 0 | 54240 | 108048 | 179503 | 485689 | 12872 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 44530 | 0 | 3439 | 2161 | 7355 | 21493 | 880 |
| SOIL LOSS: | | | | | | | |
| BARLEY | 729 | 0 | 155 | 9 | 117 | 950 | 61 |
| CORN G | 422129 | 0 | 57962 | 104826 | 114273 | 418666 | 42572 |
| CORN S | 9858 | 0 | 3533 | 590 | 2175 | 15681 | 995 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 9775 | 0 | 2292 | 3676 | 4024 | 15037 | 2270 |
| HAY N | 3249 | 0 | 1051 | 298 | 997 | 6831 | 938 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 6659 | 0 | 1219 | 1494 | 1165 | 6889 | 240 |
| SORG G | 49 | 0 | 33 | 44 | 49 | 238 | 6 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 513178 | 0 | 53880 | 105885 | 177781 | 481693 | 12646 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 14273 | 0 | 3056 | 2877 | 7297 | 18937 | 636 |

CHAPTER 4. INDIANA

Note: There are no tables 3, 5, and 8 in this chapter because irrigation activity is not defined in the model for this geographical area.

TABLE 4.1 LAND USE (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN INDIANA

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXOG USED | TOT USED |
|-----------------------|-----------|---------|---------|----------|----------|-----------|----------|
| TREND: | | | | | | | |
| LC 1-D | 1553 | 336 | 0 | 1531 | 0 | 22 | 1553 |
| LC 2-D | 2012 | 0 | 0 | 1958 | 0 | 54 | 2012 |
| LC 3-D | 6635 | 0 | 0 | 6486 | 0 | 149 | 6635 |
| LC 4-D | 648 | 0 | 0 | 623 | 0 | 24 | 648 |
| LC 5-D | 1224 | 0 | 0 | 1171 | 0 | 53 | 1224 |
| LC 6-D | 609 | 0 | 0 | 510 | 0 | 14 | 609 |
| LC 7-D | 265 | 0 | 0 | 156 | 0 | 18 | 265 |
| LC 8-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-D | 226 | 0 | 0 | 0 | 0 | 0 | 226 |
| LC 1-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST D | 4710 | -296 | 0 | 4710 | 0 | 0 | 4710 |
| PAST I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 12072 | 336 | 0 | 11770 | 0 | 302 | 12072 |
| LC 6 TO 9 | 1099 | 0 | 0 | 666 | 0 | 37 | 703 |
| TOT CRPLND | 13171 | 336 | 0 | 12437 | 0 | 339 | 12776 |
| PRIME LANDS: | | | | | | | |
| LC 1-D | 1598 | 317 | 0 | 1576 | 0 | 22 | 1598 |
| LC 2-D | 2125 | 0 | 0 | 2071 | 0 | 54 | 2125 |
| LC 3-D | 6976 | 0 | 0 | 6827 | 0 | 149 | 6976 |
| LC 4-D | 586 | 0 | 0 | 561 | 0 | 24 | 586 |
| LC 5-D | 1051 | 0 | 0 | 998 | 0 | 53 | 1051 |
| LC 6-D | 550 | 0 | 0 | 455 | 0 | 14 | 550 |
| LC 7-D | 204 | 0 | 0 | 144 | 0 | 18 | 204 |
| LC 8-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-D | 206 | 0 | 0 | 0 | 0 | 5 | 206 |
| LC 1-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST D | 4690 | -278 | 0 | 4690 | 0 | 0 | 4690 |
| PAST I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 12335 | 317 | 0 | 12033 | 0 | 302 | 12335 |
| LC 6 TO 9 | 961 | 0 | 0 | 599 | 0 | 37 | 636 |
| TOT CRPLND | 13296 | 317 | 0 | 12632 | 0 | 339 | 12971 |
| FRAGILE: | | | | | | | |
| LC 1-D | 1581 | 364 | 0 | 1559 | 0 | 22 | 1581 |
| LC 2-D | 2011 | 0 | 0 | 1958 | 0 | 54 | 2011 |
| LC 3-D | 6633 | 0 | 0 | 6484 | 0 | 149 | 6633 |
| LC 4-D | 647 | 0 | 0 | 623 | 0 | 24 | 647 |
| LC 5-D | 1224 | 0 | 0 | 1171 | 0 | 53 | 1224 |
| LC 6-D | 600 | 0 | 0 | 504 | 0 | 14 | 600 |
| LC 7-D | 265 | 0 | 0 | 156 | 0 | 18 | 265 |
| LC 8-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-D | 5 | 0 | 0 | 0 | 0 | 0 | 5 |
| LC 1-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST D | 4920 | -308 | 0 | 4920 | 0 | 0 | 4920 |
| PAST I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 12097 | 364 | 0 | 11795 | 0 | 302 | 12097 |
| LC 6 TO 9 | 870 | 0 | 0 | 660 | 0 | 37 | 636 |
| TOT CRPLND | 12967 | 364 | 0 | 12454 | 0 | 339 | 12793 |
| PRIME-FRAGILE: | | | | | | | |
| LC 1-D | 1617 | 336 | 0 | 1595 | 0 | 22 | 1617 |
| LC 2-D | 2125 | 0 | 0 | 2071 | 0 | 54 | 2125 |
| LC 3-D | 6976 | 0 | 0 | 6827 | 0 | 149 | 6976 |
| LC 4-D | 581 | 0 | 0 | 557 | 0 | 24 | 581 |
| LC 5-D | 1055 | 0 | 0 | 1002 | 0 | 53 | 1055 |
| LC 6-D | 536 | 0 | 0 | 443 | 0 | 14 | 536 |
| LC 7-D | 212 | 0 | 0 | 142 | 0 | 18 | 212 |
| LC 8-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-D | 5 | 0 | 0 | 0 | 0 | 5 | 5 |
| LC 1-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST D | 4877 | -296 | 0 | 4877 | 0 | 0 | 4877 |
| PAST I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 12354 | 336 | 0 | 12052 | 0 | 302 | 12354 |
| LC 6 TO 9 | 753 | 0 | 0 | 585 | 0 | 37 | 622 |
| TOT CRPLND | 13107 | 336 | 0 | 12636 | 0 | 339 | 12975 |

TABLE 4.1 (CONTINUED)

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXOGEN USED | TOT USED |
|--------------------------------|-----------|---------|---------|----------|----------|-------------|----------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| LC 1-0 | 1547 | 335 | 0 | 1526 | 0 | 22 | 1547 |
| LC 2-0 | 2003 | 0 | 0 | 1949 | 0 | 54 | 2003 |
| LC 3-0 | 6608 | 0 | 0 | 6459 | 0 | 149 | 6608 |
| LC 4-0 | 645 | 0 | 0 | 621 | 0 | 24 | 645 |
| LC 5-0 | 1218 | 0 | 0 | 1165 | 0 | 53 | 1218 |
| LC 6-0 | 606 | 0 | 0 | 508 | 0 | 14 | 606 |
| LC 7-0 | 263 | 0 | 0 | 156 | 0 | 18 | 263 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 225 | 0 | 0 | 0 | 0 | 5 | 225 |
| LC 1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 4708 | -298 | 0 | 4708 | 0 | 0 | 4708 |
| PAST 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 12021 | 335 | 0 | 11719 | 0 | 302 | 12021 |
| LC 6 TO 9 | 1094 | 0 | 0 | 664 | 0 | 37 | 1094 |
| TOT CRPLND | 13115 | 335 | 0 | 12383 | 0 | 339 | 12722 |
| HIGH EXPORT: | | | | | | | |
| LC 1-0 | 1921 | 704 | 0 | 1899 | 0 | 22 | 1921 |
| LC 2-0 | 2012 | 0 | 0 | 1958 | 0 | 54 | 2012 |
| LC 3-0 | 6635 | 0 | 0 | 6486 | 0 | 149 | 6635 |
| LC 4-0 | 648 | 0 | 0 | 623 | 0 | 24 | 648 |
| LC 5-0 | 1224 | 0 | 0 | 1171 | 0 | 53 | 1224 |
| LC 6-0 | 609 | 0 | 0 | 595 | 0 | 14 | 609 |
| LC 7-0 | 265 | 0 | 0 | 247 | 0 | 18 | 265 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 226 | 0 | 0 | 213 | 0 | 5 | 226 |
| LC 1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 4476 | -530 | 0 | 4476 | 0 | 0 | 4476 |
| PAST 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 12441 | 704 | 0 | 12139 | 0 | 302 | 12441 |
| LC 6 TO 9 | 1099 | 0 | 0 | 1055 | 0 | 37 | 1099 |
| TOT CRPLND | 13540 | 704 | 0 | 13194 | 0 | 339 | 13533 |
| SOIL LOSS: | | | | | | | |
| LC 1-0 | 1581 | 364 | 0 | 1560 | 0 | 22 | 1581 |
| LC 2-0 | 2012 | 0 | 0 | 1958 | 0 | 54 | 2012 |
| LC 3-0 | 6635 | 0 | 0 | 6486 | 0 | 149 | 6635 |
| LC 4-0 | 648 | 0 | 0 | 623 | 0 | 24 | 648 |
| LC 5-0 | 1224 | 0 | 0 | 1171 | 0 | 53 | 1224 |
| LC 6-0 | 609 | 0 | 0 | 504 | 0 | 14 | 609 |
| LC 7-0 | 265 | 0 | 0 | 129 | 0 | 18 | 265 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 226 | 0 | 0 | 0 | 0 | 5 | 226 |
| LC 1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 4698 | -308 | 0 | 4698 | 0 | 0 | 4698 |
| PAST 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 12101 | 364 | 0 | 11799 | 0 | 302 | 12101 |
| LC 6 TO 9 | 1099 | 0 | 0 | 633 | 0 | 37 | 1099 |
| TOT CRPLND | 13200 | 364 | 0 | 12432 | 0 | 339 | 12771 |

TABLE 4.2 DRYLAND CROP ACREAGES (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN INDIANA

| TREND: | LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEAN | SGRBEET | WHEAT |
|----------------|------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|---------|---------|-------|
| | 1 | 0 | 712 | 60 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 767 | 0 | 38 |
| | 2 | 70 | 912 | 1 | 0 | 34 | 0 | 0 | 22 | 0 | 0 | 0 | 873 | 0 | 66 |
| | 3 | 33 | 3324 | 3 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 3020 | 25 | 100 |
| | 4 | 0 | 204 | 32 | 0 | 56 | 14 | 0 | 0 | 0 | 0 | 0 | 272 | 0 | 45 |
| | 5 | 0 | 745 | 33 | 0 | 11 | 2 | 0 | 0 | 0 | 1 | 0 | 366 | 3 | 14 |
| | 6 | 0 | 3 | 2 | 0 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 249 | 0 | 217 |
| | 7 | 0 | 41 | 0 | 0 | 0 | 2 | 0 | 7 | 0 | 0 | 0 | 46 | 0 | 32 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4414 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | 1 | 0 | 709 | 86 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 784 | 0 | 43 |
| | 2 | 66 | 964 | 1 | 0 | 37 | 4 | 0 | 23 | 0 | 0 | 0 | 916 | 0 | 77 |
| | 3 | 44 | 3456 | 1 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 3179 | 41 | 137 |
| | 4 | 0 | 153 | 32 | 0 | 54 | 13 | 0 | 0 | 0 | 0 | 0 | 245 | 0 | 58 |
| | 5 | 0 | 606 | 26 | 0 | 20 | 1 | 0 | 15 | 0 | 1 | 0 | 323 | 0 | 11 |
| | 6 | 0 | 2 | 0 | 0 | 0 | 22 | 0 | 4 | 0 | 0 | 0 | 219 | 0 | 194 |
| | 7 | 0 | 38 | 0 | 0 | 1 | 1 | 0 | 7 | 0 | 0 | 0 | 38 | 0 | 27 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4412 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | 1 | 0 | 705 | 59 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 790 | 0 | 38 |
| | 2 | 3 | 927 | 1 | 0 | 34 | 0 | 0 | 22 | 0 | 0 | 0 | 873 | 0 | 117 |
| | 3 | 0 | 3334 | 3 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 3032 | 0 | 133 |
| | 4 | 0 | 196 | 32 | 0 | 60 | 8 | 0 | 16 | 0 | 0 | 0 | 274 | 0 | 58 |
| | 5 | 0 | 707 | 34 | 0 | 2 | 11 | 0 | 0 | 0 | 1 | 0 | 384 | 9 | 20 |
| | 6 | 0 | 2 | 2 | 0 | 0 | 23 | 0 | 1 | 0 | 0 | 0 | 248 | 0 | 213 |
| | 7 | 0 | 35 | 0 | 0 | 0 | 2 | 0 | 6 | 0 | 0 | 0 | 49 | 0 | 33 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4612 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | 1 | 0 | 712 | 71 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 807 | 0 | 44 |
| | 2 | 72 | 966 | 1 | 0 | 37 | 0 | 0 | 23 | 0 | 0 | 0 | 922 | 0 | 75 |
| | 3 | 24 | 3468 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 3173 | 41 | 151 |
| | 4 | 0 | 147 | 32 | 0 | 57 | 10 | 0 | 15 | 0 | 0 | 0 | 243 | 0 | 62 |
| | 5 | 0 | 606 | 41 | 0 | 4 | 8 | 0 | 0 | 0 | 1 | 0 | 331 | 0 | 10 |
| | 6 | 0 | 2 | 1 | 0 | 0 | 23 | 0 | 1 | 0 | 0 | 0 | 216 | 0 | 186 |
| | 7 | 0 | 33 | 0 | 0 | 0 | 2 | 0 | 6 | 0 | 0 | 0 | 43 | 0 | 28 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4562 | 0 | 0 | 0 | 0 | 0 |

TABLE 4.2 (CONTINUED)

| LAND CLASS ENVIRONMENTAL CORRIDOR: | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEANS | SGRBEET | WHEAT |
|------------------------------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|----------|---------|-------|
| 1 | 0 | 715 | 59 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 761 | 0 | 39 |
| 2 | 69 | 907 | 1 | 0 | 34 | 0 | 0 | 22 | 0 | 0 | 0 | 869 | 0 | 65 |
| 3 | 33 | 3320 | 3 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 3020 | 0 | 100 |
| 4 | 0 | 203 | 32 | 0 | 55 | 14 | 0 | 16 | 0 | 0 | 0 | 270 | 0 | 45 |
| 5 | 0 | 733 | 35 | 0 | 11 | 2 | 0 | 0 | 0 | 1 | 0 | 363 | 9 | 12 |
| 6 | 0 | 3 | 2 | 0 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 247 | 0 | 216 |
| 7 | 0 | 38 | 0 | 0 | 0 | 1 | 0 | 5 | 0 | 0 | 0 | 50 | 0 | 34 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4412 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | | |
| 1 | 0 | 980 | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 941 | 0 | 71 |
| 2 | 0 | 950 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 893 | 0 | 138 |
| 3 | 0 | 3340 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3032 | 0 | 133 |
| 4 | 0 | 215 | 32 | 0 | 56 | 14 | 0 | 16 | 0 | 0 | 0 | 272 | 0 | 36 |
| 5 | 0 | 771 | 22 | 0 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 374 | 9 | 0 |
| 6 | 0 | 21 | 0 | 0 | 16 | 27 | 0 | 13 | 0 | 0 | 0 | 282 | 0 | 249 |
| 7 | 0 | 43 | 28 | 0 | 16 | 0 | 0 | 4 | 0 | 0 | 0 | 78 | 0 | 55 |
| 8 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 12 | 1 | 0 | 84 | 80 | 0 | 32 | 324 | 0 | 0 | 2 | 0 | 12 |
| SOIL LOSS: | | | | | | | | | | | | | | |
| 1 | 0 | 699 | 34 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 846 | 0 | 38 |
| 2 | 67 | 925 | 5 | 0 | 31 | 0 | 0 | 21 | 0 | 0 | 0 | 869 | 0 | 63 |
| 3 | 40 | 3196 | 33 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 3085 | 0 | 147 |
| 4 | 0 | 185 | 4 | 0 | 56 | 14 | 0 | 16 | 0 | 0 | 0 | 218 | 0 | 139 |
| 5 | 0 | 766 | 17 | 0 | 11 | 5 | 0 | 0 | 0 | 0 | 0 | 374 | 1 | 6 |
| 6 | 0 | 171 | 0 | 0 | 4 | 22 | 0 | 1 | 0 | 0 | 0 | 178 | 0 | 138 |
| 7 | 0 | 45 | 22 | 0 | 0 | 1 | 0 | 5 | 0 | 0 | 0 | 42 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 439 | 0 | 0 | 0 | 0 | 0 |

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TABLE 4.4 DRYLAND CROP PRODUCTION (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN INDIANA

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEAN BU | SGRBEET TONS | WHEAT BU |
|----------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|---------------|-----------------|-------------|
| TREND: | | | | | | | | | | | | | |
| 1 | 0 | 96212 | 1104 | 0 | 3 | 0 | 4 | 0 | 0 | 0 | 36718 | 0 | 2042 |
| 2 | 5880 | 123720 | 14 | 0 | 145 | 0 | 1908 | 0 | 0 | 0 | 41502 | 0 | 3718 |
| 3 | 2680 | 448531 | 43 | 0 | 22 | 0 | 0 | 0 | 0 | 0 | 139653 | 544 | 5574 |
| 4 | 0 | 23150 | 454 | 0 | 196 | 43 | 1131 | 0 | 0 | 0 | 11196 | 0 | 2146 |
| 5 | 0 | 87375 | 408 | 0 | 42 | 5 | 0 | 0 | 92 | 0 | 15576 | 51 | 580 |
| 6 | 0 | 214 | 25 | 0 | 1 | 54 | 4 | 0 | 0 | 0 | 8698 | 0 | 8910 |
| 7 | 0 | 3576 | 0 | 0 | 0 | 3 | 345 | 0 | 0 | 0 | 1352 | 0 | 1069 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1516 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | | | | | | | | | | | | | |
| 1 | 0 | 95898 | 1518 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37642 | 0 | 2297 |
| 2 | 5549 | 130652 | 14 | 0 | 152 | 14 | 1954 | 0 | 0 | 0 | 43458 | 0 | 4298 |
| 3 | 3593 | 466331 | 11 | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 147098 | 912 | 7571 |
| 4 | 0 | 17171 | 460 | 0 | 189 | 42 | 1092 | 0 | 0 | 0 | 10153 | 0 | 2773 |
| 5 | 0 | 69842 | 321 | 0 | 71 | 2 | 282 | 0 | 92 | 0 | 13808 | 0 | 440 |
| 6 | 0 | 158 | 3 | 0 | 0 | 51 | 0 | 0 | 0 | 0 | 7661 | 0 | 7938 |
| 7 | 0 | 3276 | 0 | 0 | 3 | 2 | 359 | 0 | 0 | 0 | 1139 | 0 | 919 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1499 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | | | | | | | | | | | | | |
| 1 | 0 | 95262 | 1103 | 0 | 14 | 0 | 19 | 0 | 0 | 0 | 37619 | 0 | 2040 |
| 2 | 253 | 125569 | 14 | 0 | 146 | 0 | 1915 | 0 | 0 | 0 | 41700 | 0 | 6703 |
| 3 | 0 | 449893 | 43 | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 140247 | 0 | 7411 |
| 4 | 0 | 22324 | 454 | 0 | 215 | 24 | 1130 | 0 | 0 | 0 | 11319 | 0 | 2803 |
| 5 | 0 | 83024 | 419 | 0 | 9 | 28 | 0 | 0 | 92 | 0 | 16303 | 151 | 792 |
| 6 | 0 | 205 | 23 | 0 | 0 | 52 | 51 | 0 | 0 | 0 | 8657 | 0 | 8746 |
| 7 | 0 | 3055 | 0 | 0 | 0 | 3 | 309 | 0 | 0 | 0 | 1438 | 0 | 1083 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1623 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | | | | | | | | | | | | | |
| 1 | 0 | 96352 | 1293 | 0 | 14 | 0 | 18 | 0 | 0 | 0 | 38591 | 0 | 2349 |
| 2 | 6077 | 130857 | 14 | 0 | 152 | 0 | 1956 | 0 | 0 | 0 | 43750 | 0 | 4205 |
| 3 | 1924 | 468071 | 0 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 146875 | 912 | 8394 |
| 4 | 0 | 16423 | 454 | 0 | 203 | 30 | 1087 | 0 | 0 | 0 | 10053 | 0 | 2987 |
| 5 | 0 | 69810 | 506 | 0 | 17 | 22 | 0 | 0 | 92 | 0 | 14037 | 0 | 416 |
| 6 | 0 | 155 | 7 | 0 | 0 | 51 | 33 | 0 | 0 | 0 | 7553 | 0 | 7664 |
| 7 | 0 | 2858 | 0 | 0 | 0 | 3 | 313 | 0 | 0 | 0 | 1257 | 0 | 544 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1524 | 0 | 0 | 0 | 0 | 0 |

TABLE 4.4 (CONTINUED)

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|-------------------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | |
| 1 | 0 | 96567 | 1100 | 0 | 3 | 0 | 5 | 0 | 0 | 0 | 36435 | 0 | 2022 |
| 2 | 5833 | 123133 | 14 | 0 | 146 | 0 | 1916 | 0 | 0 | 0 | 41290 | 0 | 3676 |
| 3 | 2640 | 448031 | 46 | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 139640 | 0 | 5537 |
| 4 | 0 | 22943 | 454 | 0 | 195 | 43 | 1125 | 0 | 0 | 0 | 11147 | 0 | 2164 |
| 5 | 0 | 86217 | 433 | 0 | 42 | 5 | 0 | 0 | 92 | 0 | 15480 | 161 | 503 |
| 6 | 0 | 225 | 20 | 0 | 2 | 53 | 24 | 0 | 0 | 0 | 8644 | 0 | 8855 |
| 7 | 0 | 3313 | 0 | 0 | 0 | 2 | 261 | 0 | 0 | 0 | 1453 | 0 | 1126 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1515 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | |
| 1 | 0 | 131641 | 638 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45115 | 0 | 3729 |
| 2 | 33 | 128173 | 0 | 0 | 2 | 0 | 12 | 0 | 0 | 0 | 42681 | 0 | 7879 |
| 3 | 0 | 450677 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 140249 | 0 | 7421 |
| 4 | 0 | 24477 | 454 | 0 | 196 | 43 | 1131 | 0 | 0 | 0 | 11234 | 0 | 1778 |
| 5 | 0 | 91057 | 281 | 0 | 32 | 5 | 0 | 0 | 0 | 0 | 16045 | 159 | 1 |
| 6 | 0 | 1792 | 0 | 0 | 49 | 62 | 761 | 0 | 0 | 0 | 9845 | 0 | 10128 |
| 7 | 0 | 3355 | 261 | 0 | 33 | 0 | 167 | 0 | 0 | 0 | 2163 | 0 | 1656 |
| 8 | 0 | 0 | 0 | 0 | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 439 | 5 | 0 | 203 | 147 | 1178 | 1506 | 0 | 0 | 28 | 0 | 333 |
| SOIL LOSS: | | | | | | | | | | | | | |
| 1 | 0 | 94522 | 615 | 0 | 5 | 0 | 7 | 0 | 0 | 0 | 40627 | 0 | 2042 |
| 2 | 5660 | 125452 | 88 | 0 | 132 | 0 | 1816 | 0 | 0 | 0 | 41298 | 0 | 3535 |
| 3 | 3238 | 430425 | 535 | 0 | 19 | 0 | 0 | 0 | 0 | 0 | 142784 | 0 | 8152 |
| 4 | 0 | 20973 | 40 | 0 | 196 | 43 | 1135 | 0 | 0 | 0 | 9013 | 0 | 6714 |
| 5 | 0 | 90342 | 198 | 0 | 42 | 11 | 0 | 0 | 0 | 0 | 16007 | 9 | 280 |
| 6 | 0 | 16486 | 0 | 0 | 12 | 51 | 82 | 0 | 0 | 0 | 6254 | 0 | 5711 |
| 7 | 0 | 4153 | 216 | 0 | 0 | 2 | 249 | 0 | 217 | 0 | 1324 | 0 | 3 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1511 | 0 | 0 | 0 | 0 | 0 |

TABLE 4.6 QUANTITIES OF CROP COMMODITIES PRODUCED (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN INDIANA

| | | UNIT | PRODUCED | INTER | CONSUMED | NET EXPORT |
|----------------|----------|-------|----------|--------|----------|------------|
| TREND: | CORN | BU | 782777 | 454761 | 1529 | 326488 |
| | SORGHUM | BU | 92 | 6688 | 24 | -6620 |
| | BARLEY | BU | 8561 | 3863 | 525 | 4173 |
| | OATS | BU | 3392 | 2914 | 282 | 196 |
| | WHEAT | BU | 24040 | 1592 | 1696 | 20752 |
| | SOYBEANS | BU | 254,695 | 93,831 | -202 | 161,065 |
| | COTTON | BALES | 0 | 0 | 16 | -16 |
| PRIME LANDS: | CORN | BU | 783327 | 454761 | 1529 | 327037 |
| | SORGHUM | BU | 92 | 6688 | 24 | -6620 |
| | BARLEY | BU | 9142 | 3863 | 525 | 4754 |
| | OATS | BU | 3688 | 2914 | 282 | 492 |
| | WHEAT | BU | 26236 | 1592 | 1696 | 22948 |
| | SOYBEANS | BU | 260,959 | 93,831 | -202 | 167,329 |
| | COTTON | BALES | 0 | 0 | 16 | -16 |
| FRAGILE: | CORN | BU | 779333 | 454761 | 1529 | 323043 |
| | SORGHUM | BU | 92 | 6688 | 24 | -6620 |
| | BARLEY | BU | 253 | 3863 | 525 | -4135 |
| | OATS | BU | 3423 | 2914 | 282 | 227 |
| | WHEAT | BU | 29580 | 1592 | 1696 | 26292 |
| | SOYBEANS | BU | 257,283 | 93,831 | -202 | 163,653 |
| | COTTON | BALES | 0 | 0 | 16 | -16 |
| PRIME-FRAGILE: | CORN | BU | 784526 | 454761 | 1529 | 328236 |
| | SORGHUM | BU | 92 | 6688 | 24 | -6620 |
| | BARLEY | BU | 8001 | 3863 | 525 | 3613 |
| | OATS | BU | 3409 | 2914 | 282 | 213 |
| | WHEAT | BU | 26958 | 1592 | 1696 | 23670 |
| | SOYBEANS | BU | 262,115 | 93,831 | -202 | 168,485 |
| | COTTON | BALES | 0 | 0 | 16 | -16 |
| ENV. CORR. | CORN | BU | 780429 | 454761 | 1529 | 324139 |
| | SORGHUM | BU | 92 | 6688 | 24 | -6620 |
| | BARLEY | BU | 8473 | 3863 | 525 | 4084 |
| | OATS | BU | 3331 | 2914 | 282 | 135 |
| | WHEAT | BU | 23881 | 1592 | 1696 | 20593 |
| | SOYBEANS | BU | 254,090 | 93,831 | -202 | 160,460 |
| | COTTON | BALES | 0 | 0 | 16 | -16 |
| HIGH EXPORT: | CORN | BU | 831611 | 454761 | 1529 | 375322 |
| | SORGHUM | BU | 0 | 6688 | 24 | -6712 |
| | BARLEY | BU | 33 | 3863 | 525 | -4355 |
| | OATS | BU | 3249 | 2914 | 282 | 53 |
| | WHEAT | BU | 32924 | 1592 | 1696 | 29636 |
| | SOYBEANS | BU | 267,359 | 93,831 | -202 | 173,729 |
| | COTTON | BALES | 0 | 0 | 16 | -16 |
| SOIL LOSS: | CORN | BU | 782353 | 454761 | 1529 | 326063 |
| | SORGHUM | BU | 217 | 6688 | 24 | -6495 |
| | BARLEY | BU | 8899 | 3863 | 525 | 4511 |
| | OATS | BU | 3289 | 2914 | 282 | 93 |
| | WHEAT | BU | 26436 | 1592 | 1696 | 23149 |
| | SOYBEANS | BU | 257,306 | 93,831 | -202 | 163,676 |
| | COTTON | BALES | 0 | 0 | 16 | -16 |

TABLE 4.7 RESOURCE USE IN CROP PRODUCTION (THOUSANDS OF DOLLARS) UNDER ALTERNATIVE FUTURES IN INDIANA

| TREND: | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|------------|--------|-------|-------|-------|----------|--------|-------|
| BARLEY | 2638 | 0 | 704 | 6 | 495 | 4305 | 301 |
| CORN G | 254748 | 0 | 37040 | 59991 | 86247 | 268673 | 26073 |
| CORN S | 3097 | 0 | 1218 | 190 | 750 | 5764 | 342 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 1671 | 0 | 524 | 695 | 860 | 3068 | 542 |
| HAY N | 893 | 0 | 315 | 414 | 415 | 1912 | 362 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 1659 | 0 | 387 | 491 | 286 | 2142 | 132 |
| SORG G | 2 | 0 | 0 | 1 | 1 | 2 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 240676 | 0 | 28825 | 48787 | 77300 | 253733 | 7288 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 16257 | 0 | 3607 | 2860 | 6896 | 20780 | 783 |

PRIME LANDS:

| | | | | | | | |
|------------|--------|---|-------|-------|-------|--------|-------|
| BARLEY | 2337 | 0 | 707 | 6 | 499 | 4320 | 302 |
| CORN G | 233963 | 0 | 37047 | 60424 | 86821 | 268825 | 26211 |
| CORN S | 2897 | 0 | 1226 | 190 | 733 | 5788 | 346 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 1506 | 0 | 530 | 727 | 886 | 3111 | 564 |
| HAY N | 922 | 0 | 331 | 443 | 437 | 2018 | 386 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 1474 | 0 | 381 | 498 | 285 | 2109 | 132 |
| SORG G | 1 | 0 | 0 | 1 | 1 | 2 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 223928 | 0 | 29425 | 50265 | 79092 | 259035 | 7438 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 18713 | 0 | 4076 | 3508 | 8004 | 23541 | 873 |

FRAGILE:

| | | | | | | | |
|------------|--------|---|-------|-------|-------|--------|-------|
| BARLEY | 90 | 0 | 23 | 1 | 16 | 140 | 10 |
| CORN G | 266963 | 0 | 36821 | 59615 | 85906 | 267148 | 25955 |
| CORN S | 3300 | 0 | 1218 | 189 | 750 | 5763 | 342 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 1963 | 0 | 517 | 696 | 856 | 3022 | 532 |
| HAY N | 778 | 0 | 307 | 356 | 401 | 1865 | 346 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 1808 | 0 | 397 | 510 | 295 | 2191 | 134 |
| SORG G | 2 | 0 | 0 | 1 | 1 | 2 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 254349 | 0 | 28710 | 52554 | 77624 | 252673 | 7346 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 23150 | 0 | 4749 | 4607 | 8720 | 28053 | 1398 |

PRIME FRAGILE:

| | | | | | | | |
|------------|--------|---|-------|-------|-------|--------|-------|
| BARLEY | 2305 | 0 | 694 | 6 | 487 | 4244 | 297 |
| CORN G | 232882 | 0 | 37077 | 60580 | 86816 | 269008 | 26230 |
| CORN S | 2960 | 0 | 1216 | 189 | 741 | 5748 | 342 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 1715 | 0 | 520 | 710 | 873 | 3040 | 543 |
| HAY N | 724 | 0 | 316 | 353 | 411 | 1918 | 356 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 1552 | 0 | 389 | 509 | 291 | 2151 | 133 |
| SORG G | 1 | 0 | 0 | 1 | 1 | 2 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 223790 | 0 | 29486 | 50510 | 79094 | 259582 | 7480 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 18295 | 0 | 4117 | 3597 | 8075 | 23836 | 909 |

TABLE 4.7 (CONTINUED)

| | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|-------------------------|--------|-------|-------|-------|----------|--------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| BARLEY | 2612 | 0 | 698 | 6 | 491 | 4266 | 298 |
| CORN G | 254988 | 0 | 36880 | 59715 | 85875 | 267519 | 25956 |
| CORN S | 3107 | 0 | 1218 | 190 | 750 | 5765 | 342 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 1699 | 0 | 524 | 697 | 861 | 3068 | 542 |
| HAY N | 900 | 0 | 315 | 414 | 415 | 1913 | 362 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DATS | 1678 | 0 | 387 | 491 | 286 | 2139 | 132 |
| SORG G | 2 | 0 | 0 | 1 | 1 | 2 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 240589 | 0 | 28683 | 48560 | 76964 | 252494 | 7251 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 16712 | 0 | 3567 | 2817 | 6809 | 20549 | 775 |
| HIGH EXPORT: | | | | | | | |
| BARLEY | 7 | 0 | 0 | 1 | 1 | 3 | 0 |
| CORN G | 620774 | 0 | 39102 | 63615 | 89561 | 283305 | 27296 |
| CORN S | 5375 | 0 | 963 | 140 | 633 | 4443 | 253 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 4964 | 0 | 1160 | 863 | 1920 | 6830 | 1127 |
| HAY N | 4271 | 0 | 803 | 457 | 895 | 4827 | 801 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DATS | 2245 | 0 | 445 | 454 | 555 | 2428 | 133 |
| SORG G | 0 | 0 | 0 | 1 | 1 | 2 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 594519 | 0 | 30063 | 55178 | 80173 | 264565 | 7894 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 61539 | 0 | 4768 | 4486 | 8551 | 28085 | 1393 |
| SOIL LOSS: | | | | | | | |
| BARLEY | 2932 | 0 | 704 | 6 | 497 | 4304 | 301 |
| CORN G | 240830 | 0 | 36252 | 67599 | 87209 | 263021 | 26256 |
| CORN S | 2901 | 0 | 1029 | 153 | 682 | 4716 | 276 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 1697 | 0 | 519 | 599 | 851 | 3040 | 538 |
| HAY N | 942 | 0 | 324 | 337 | 410 | 1966 | 359 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DATS | 1727 | 0 | 385 | 491 | 281 | 2130 | 131 |
| SORG G | 0 | 0 | 0 | 0 | 1 | 3 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 238496 | 0 | 28358 | 56466 | 77698 | 249673 | 7494 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 18648 | 0 | 3776 | 4520 | 7817 | 21835 | 841 |

CHAPTER 5. IOWA

Note: There are no tables 3, 5, and 8 in this chapter because irrigation activity is not defined in the model for this geographical area.

TABLE 5.1 LAND USE (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN IOWA

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXOG USED | TOT USED |
|-----------------------|-----------|---------|---------|----------|----------|-----------|----------|
| TREND: | | | | | | | |
| LC 1-0 | 4116 | 531 | -2 | 4071 | 0 | 45 | 4116 |
| LC 2-0 | 5894 | 0 | -5 | 5816 | 0 | 79 | 5894 |
| LC 3-0 | 6165 | 0 | -1 | 6076 | 0 | 88 | 6165 |
| LC 4-0 | 6657 | 0 | -3 | 6433 | 0 | 58 | 6492 |
| LC 5-0 | 952 | 0 | -0 | 588 | 0 | 12 | 600 |
| LC 6-0 | 1229 | 0 | -0 | 784 | 0 | 7 | 791 |
| LC 7-0 | 265 | 0 | -0 | 188 | 0 | 3 | 190 |
| LC 8-0 | 130 | 0 | -0 | 1 | 0 | 1 | 2 |
| LC 9-0 | 723 | 0 | -0 | 0 | 0 | 4 | 7 |
| LC 1-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| PAST D | 6285 | -490 | -0 | 6285 | 0 | 0 | 6285 |
| PAST I | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 23801 | 531 | -10 | 22984 | 18 | 283 | 23285 |
| LC 6 TO 9 | 2346 | 0 | -0 | 973 | 0 | 16 | 989 |
| TOT CRPLND | 26147 | 531 | -10 | 23957 | 18 | 299 | 24273 |
| PRIME LANDS: | | | | | | | |
| LC 1-0 | 4203 | 531 | -2 | 4158 | 0 | 45 | 4203 |
| LC 2-0 | 6039 | 0 | -5 | 5960 | 0 | 79 | 6039 |
| LC 3-0 | 6324 | 0 | -1 | 6235 | 0 | 88 | 6324 |
| LC 4-0 | 6451 | 0 | -3 | 6233 | 0 | 58 | 6291 |
| LC 5-0 | 924 | 0 | -0 | 539 | 0 | 12 | 552 |
| LC 6-0 | 1194 | 0 | -0 | 721 | 0 | 7 | 728 |
| LC 7-0 | 255 | 0 | -0 | 179 | 0 | 3 | 182 |
| LC 8-0 | 126 | 0 | -0 | 0 | 0 | 1 | 1 |
| LC 9-0 | 698 | 0 | -0 | 0 | 0 | 4 | 7 |
| LC 1-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| PAST D | 6248 | -490 | -0 | 6248 | 0 | 0 | 6248 |
| PAST I | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 23958 | 531 | -10 | 23126 | 18 | 283 | 23426 |
| LC 6 TO 9 | 2273 | 0 | -0 | 900 | 0 | 16 | 916 |
| TOT CRPLND | 26231 | 531 | -10 | 24026 | 18 | 299 | 24342 |
| FRAGILE: | | | | | | | |
| LC 1-0 | 4131 | 547 | -2 | 4086 | 0 | 45 | 4131 |
| LC 2-0 | 5893 | 0 | -5 | 5815 | 0 | 79 | 5893 |
| LC 3-0 | 6163 | 0 | -1 | 6075 | 0 | 88 | 6163 |
| LC 4-0 | 6656 | 0 | -3 | 6343 | 0 | 58 | 6402 |
| LC 5-0 | 952 | 0 | -0 | 564 | 0 | 12 | 575 |
| LC 6-0 | 1225 | 0 | -0 | 782 | 0 | 7 | 789 |
| LC 7-0 | 264 | 0 | -0 | 188 | 0 | 3 | 190 |
| LC 8-0 | 1 | 0 | -0 | 0 | 0 | 1 | 1 |
| LC 9-0 | 4 | 0 | -0 | 0 | 0 | 4 | 4 |
| LC 1-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| PAST D | 7050 | -500 | -0 | 7050 | 0 | 0 | 7050 |
| PAST I | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 23813 | 547 | -10 | 22882 | 18 | 283 | 23183 |
| LC 6 TO 9 | 1496 | 0 | -0 | 969 | 0 | 16 | 985 |
| TOT CRPLND | 25309 | 547 | -10 | 23852 | 18 | 299 | 24168 |
| PRIME-FRAGILE: | | | | | | | |
| LC 1-0 | 4204 | 531 | -2 | 4159 | 0 | 45 | 4204 |
| LC 2-0 | 6039 | 0 | -5 | 5960 | 0 | 79 | 6039 |
| LC 3-0 | 6325 | 0 | -1 | 6237 | 0 | 88 | 6325 |
| LC 4-0 | 6423 | 0 | -3 | 6033 | 0 | 58 | 6091 |
| LC 5-0 | 921 | 0 | -0 | 536 | 0 | 12 | 548 |
| LC 6-0 | 1185 | 0 | -0 | 713 | 0 | 7 | 721 |
| LC 7-0 | 254 | 0 | -0 | 178 | 0 | 3 | 181 |
| LC 8-0 | 1 | 0 | -0 | 0 | 0 | 1 | 1 |
| LC 9-0 | 4 | 0 | -0 | 0 | 0 | 4 | 4 |
| LC 1-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| PAST D | 6993 | -490 | -0 | 6993 | 0 | 0 | 6993 |
| PAST I | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 23930 | 531 | -10 | 22925 | 18 | 283 | 23226 |
| LC 6 TO 9 | 1445 | 0 | -0 | 892 | 0 | 16 | 908 |
| TOT CRPLND | 25375 | 531 | -10 | 23817 | 18 | 299 | 24133 |

TABLE 5.1 (CONTINUED)

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXO G USED | TOT USED |
|--------------------------------|-----------|---------|---------|----------|----------|------------|----------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| LC 1-D | 4111 | 531 | -2 | 4066 | 0 | 45 | 4111 |
| LC 2-D | 5888 | 0 | -5 | 5809 | 0 | 79 | 5888 |
| LC 3-D | 6156 | 0 | -1 | 6068 | 0 | 88 | 6156 |
| LC 4-D | 6649 | 0 | -3 | 6437 | 0 | 58 | 6496 |
| LC 5-D | 951 | 0 | -0 | 590 | 0 | 12 | 603 |
| LC 6-D | 1228 | 0 | -0 | 784 | 0 | 7 | 791 |
| LC 7-D | 264 | 0 | -0 | 187 | 0 | 3 | 190 |
| LC 8-D | 129 | 0 | -0 | 0 | 0 | 1 | 1 |
| LC 9-D | 722 | 0 | -0 | 0 | 0 | 4 | 4 |
| LC 1-1 | 7 | 0 | -0 | 0 | 0 | 0 | 7 |
| LC 2-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 2 | 0 | -0 | 0 | 0 | 0 | 2 |
| LC 4-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 9 | 0 | -0 | 0 | 0 | 0 | 9 |
| LC 6-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| PAST 0 | 6284 | -490 | -0 | 6284 | 0 | 0 | 6284 |
| PAST 1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 23773 | 531 | -10 | 22971 | 18 | 283 | 23272 |
| LC 6 TO 9 | 2343 | 0 | -0 | 971 | 0 | 16 | 987 |
| TOT CRPLND | 26116 | 531 | -10 | 23942 | 18 | 299 | 24259 |
| HIGH EXPORT: | | | | | | | |
| LC 1-D | 4131 | 547 | -2 | 4087 | 0 | 45 | 4131 |
| LC 2-D | 5894 | 0 | -5 | 5816 | 0 | 79 | 5894 |
| LC 3-D | 6165 | 0 | -1 | 6076 | 0 | 88 | 6165 |
| LC 4-D | 6657 | 0 | -3 | 6599 | 0 | 58 | 6657 |
| LC 5-D | 952 | 0 | -0 | 940 | 0 | 12 | 952 |
| LC 6-D | 1229 | 0 | -0 | 1222 | 0 | 7 | 1229 |
| LC 7-D | 265 | 0 | -0 | 221 | 0 | 3 | 224 |
| LC 8-D | 130 | 0 | -0 | 63 | 0 | 1 | 64 |
| LC 9-D | 723 | 0 | -0 | 519 | 0 | 4 | 523 |
| LC 1-1 | 7 | 0 | -0 | 0 | 0 | 0 | 7 |
| LC 2-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 2 | 0 | -0 | 0 | 0 | 0 | 2 |
| LC 4-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 9 | 0 | -0 | 0 | 0 | 0 | 9 |
| LC 6-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| PAST 0 | 6275 | -500 | -0 | 6275 | 0 | 0 | 6275 |
| PAST 1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 23817 | 547 | -10 | 23517 | 18 | 283 | 23817 |
| LC 6 TO 9 | 2346 | 0 | -0 | 2024 | 0 | 16 | 2040 |
| TOT CRPLND | 26163 | 547 | -10 | 25541 | 18 | 299 | 25858 |
| SOIL LOSS: | | | | | | | |
| LC 1-D | 4131 | 547 | -2 | 4087 | 0 | 45 | 4131 |
| LC 2-D | 5894 | 0 | -5 | 5816 | 0 | 79 | 5894 |
| LC 3-D | 6165 | 0 | -1 | 6076 | 0 | 88 | 6165 |
| LC 4-D | 6657 | 0 | -3 | 6455 | 0 | 58 | 6513 |
| LC 5-D | 952 | 0 | -0 | 927 | 0 | 12 | 839 |
| LC 6-D | 1229 | 0 | -0 | 664 | 0 | 7 | 672 |
| LC 7-D | 265 | 0 | -0 | 188 | 0 | 3 | 190 |
| LC 8-D | 130 | 0 | -0 | 63 | 0 | 1 | 64 |
| LC 9-D | 723 | 0 | -0 | 0 | 0 | 4 | 4 |
| LC 1-1 | 7 | 0 | -0 | 0 | 0 | 0 | 7 |
| LC 2-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 2 | 0 | -0 | 0 | 0 | 0 | 2 |
| LC 4-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 9 | 0 | -0 | 0 | 0 | 0 | 9 |
| LC 6-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| PAST 0 | 6275 | -500 | -0 | 6275 | 0 | 0 | 6275 |
| PAST 1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 23817 | 547 | -10 | 23260 | 18 | 283 | 23561 |
| LC 6 TO 9 | 2346 | 0 | -0 | 915 | 0 | 16 | 931 |
| TOT CRPLND | 26163 | 547 | -10 | 24175 | 18 | 299 | 24492 |

TABLE 5.2 DRYLAND CROP ACREAGES (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN IOWA

| TREND: | LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEAN | SGRBEET | WHEAT |
|----------------|------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|---------|---------|-------|
| | 1 | 0 | 1607 | 225 | 0 | 10 | 0 | 0 | 5 | 0 | 0 | 31 | 2106 | 22 | 203 |
| | 2 | 22 | 2540 | 8 | 0 | 25 | 35 | 0 | 11 | 0 | 41 | 99 | 3363 | 0 | 362 |
| | 3 | 4 | 2338 | 0 | 0 | 810 | 0 | 0 | 527 | 0 | 0 | 43 | 1890 | 0 | 350 |
| | 4 | 0 | 2010 | 0 | 0 | 0 | 116 | 48 | 0 | 0 | 1234 | 34 | 3103 | 0 | 34 |
| | 5 | 0 | 159 | 0 | 0 | 0 | 200 | 0 | 0 | 0 | 0 | 0 | 202 | 0 | 1 |
| | 6 | 0 | 393 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 522 | 0 | 0 |
| | 7 | 0 | 43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5795 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | 1 | 2 | 1577 | 218 | 0 | 13 | 0 | 0 | 7 | 0 | 0 | 32 | 2231 | 22 | 206 |
| | 2 | 28 | 2568 | 0 | 0 | 21 | 36 | 0 | 9 | 0 | 41 | 130 | 3460 | 0 | 355 |
| | 3 | 4 | 2468 | 0 | 0 | 718 | 0 | 0 | 412 | 0 | 0 | 41 | 2140 | 0 | 368 |
| | 4 | 0 | 1923 | 0 | 0 | 0 | 114 | 42 | 0 | 0 | 1234 | 74 | 3000 | 0 | 89 |
| | 5 | 0 | 142 | 0 | 0 | 0 | 200 | 0 | 0 | 0 | 8 | 0 | 167 | 0 | 0 |
| | 6 | 0 | 314 | 0 | 0 | 85 | 0 | 0 | 87 | 0 | 0 | 0 | 292 | 0 | 0 |
| | 7 | 0 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 56 | 0 | 96 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5758 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | 1 | 2 | 1481 | 213 | 0 | 14 | 0 | 0 | 8 | 0 | 0 | 151 | 2182 | 22 | 163 |
| | 2 | 27 | 2584 | 0 | 0 | 23 | 25 | 0 | 10 | 0 | 31 | 0 | 3388 | 0 | 405 |
| | 3 | 4 | 2338 | 0 | 0 | 816 | 0 | 0 | 532 | 0 | 0 | 55 | 1882 | 0 | 342 |
| | 4 | 0 | 2010 | 0 | 0 | 0 | 91 | 48 | 0 | 0 | 1234 | 84 | 3044 | 0 | 73 |
| | 5 | 0 | 202 | 0 | 0 | 0 | 44 | 0 | 0 | 0 | 50 | 0 | 279 | 0 | 0 |
| | 6 | 0 | 392 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 520 | 0 | 0 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 211 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6550 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | 1 | 2 | 1577 | 222 | 0 | 12 | 0 | 0 | 6 | 0 | 0 | 32 | 2235 | 22 | 206 |
| | 2 | 16 | 2609 | 0 | 0 | 27 | 41 | 0 | 12 | 0 | 36 | 132 | 3447 | 0 | 354 |
| | 3 | 5 | 2419 | 0 | 0 | 810 | 0 | 0 | 527 | 0 | 0 | 38 | 1981 | 0 | 353 |
| | 4 | 0 | 1909 | 0 | 0 | 0 | 55 | 42 | 0 | 0 | 1234 | 73 | 2904 | 0 | 60 |
| | 5 | 0 | 93 | 0 | 0 | 0 | 51 | 0 | 0 | 0 | 52 | 0 | 292 | 0 | 49 |
| | 6 | 0 | 355 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 481 | 0 | 0 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 201 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6503 | 0 | 0 | 0 | 0 | 0 |

TABLE 5.2 (CONTINUED)

| LAND CLASS ENVIRONMENTAL CORRIDOR: | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEANS | SGRBEET | WHEAT |
|------------------------------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|----------|---------|-------|
| 1 | 5 | 1605 | 205 | 0 | 11 | 0 | 0 | 6 | 0 | 0 | 31 | 2098 | 22 | 203 |
| 2 | 26 | 2537 | 0 | 0 | 24 | 30 | 0 | 11 | 0 | 0 | 98 | 3370 | 0 | 362 |
| 3 | 3 | 2333 | 0 | 0 | 810 | 3 | 0 | 527 | 0 | 0 | 60 | 1874 | 0 | 350 |
| 4 | 0 | 2007 | 0 | 0 | 0 | 121 | 0 | 0 | 0 | 1234 | 84 | 3099 | 0 | 94 |
| 5 | 1 | 160 | 0 | 0 | 0 | 199 | 0 | 0 | 0 | 0 | 0 | 205 | 0 | 1 |
| 6 | 0 | 393 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 522 | 0 | 0 |
| 7 | 0 | 42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 0 | 100 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5794 | 0 | 0 | 0 | 0 | 0 |

HIGH EXPORT:

| | | | | | | | | | | | | | | |
|---|----|------|-----|---|----|-----|---|---|------|---|----|------|---|----|
| 1 | 0 | 3270 | 233 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 440 | 1 | 0 |
| 2 | 58 | 2649 | 0 | 0 | 0 | 25 | 0 | 0 | 0 | 0 | 0 | 440 | 0 | 0 |
| 3 | 1 | 2907 | 0 | 0 | 73 | 61 | 0 | 0 | 0 | 0 | 0 | 3423 | 1 | 21 |
| 4 | 0 | 2306 | 0 | 0 | 0 | 116 | 0 | 0 | 0 | 0 | 0 | 1524 | 0 | 25 |
| 5 | 0 | 270 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 3243 | 0 | 36 |
| 6 | 0 | 346 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 447 | 0 | 0 |
| 7 | 0 | 97 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 526 | 0 | 10 |
| 8 | 0 | 0 | 0 | 0 | 0 | 75 | 0 | 0 | 0 | 0 | 0 | 107 | 0 | 0 |
| 9 | 0 | 92 | 0 | 0 | 15 | 153 | 0 | 0 | 5775 | 0 | 0 | 0 | 0 | 0 |

SOIL LOSS:

| | | | | | | | | | | | | | | |
|---|----|------|-----|---|---|-----|---|---|------|---|-----|------|---|----|
| 1 | 10 | 1494 | 209 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 297 | 2153 | 2 | 10 |
| 2 | 57 | 480 | 0 | 0 | 0 | 25 | 0 | 0 | 0 | 0 | 0 | 3415 | 0 | 0 |
| 3 | 1 | 714 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 3020 | 0 | 2 |
| 4 | 0 | 331 | 0 | 0 | 4 | 127 | 0 | 0 | 0 | 0 | 0 | 3020 | 0 | 2 |
| 5 | 0 | 256 | 0 | 0 | 5 | 162 | 0 | 0 | 0 | 0 | 0 | 1961 | 0 | 0 |
| 6 | 0 | 220 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 314 | 0 | 0 |
| 7 | 0 | 34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5275 | 0 | 0 | 0 | 0 | 0 |

TABLE 5.4 DRYLAND CROP PRODUCTION (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN IOWA

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEAN BU | SGRBEET TONS | WHEAT BU |
|----------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|---------------|-----------------|-------------|
| TREND: | | | | | | | | | | | | | |
| 1 | 0 | 219050 | 3093 | 0 | 22 | 0 | 309 | 0 | 0 | 424 | 96977 | 415 | 6672 |
| 2 | 1113 | 343127 | 70 | 0 | 68 | 103 | 745 | 0 | 2224 | 1189 | 160044 | 0 | 14058 |
| 3 | 177 | 299253 | 0 | 0 | 3887 | 0 | 47759 | 0 | 0 | 429 | 80556 | 0 | 13825 |
| 4 | 0 | 268100 | 0 | 0 | 0 | 320 | 0 | 0 | 61555 | 960 | 131860 | 0 | 5232 |
| 5 | 11 | 15708 | 0 | 0 | 0 | 620 | 0 | 0 | 259 | 0 | 6841 | 0 | 39 |
| 6 | 0 | 41497 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18872 | 0 | 0 |
| 7 | 0 | 3823 | 0 | 0 | 0 | 0 | 0 | 0 | 3735 | 0 | 2917 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3152 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | | | | | | | | | | | | | |
| 1 | 196 | 214532 | 3039 | 0 | 30 | 0 | 409 | 0 | 0 | 432 | 102732 | 415 | 6766 |
| 2 | 1348 | 349025 | 0 | 0 | 56 | 107 | 616 | 0 | 2224 | 1563 | 164486 | 0 | 13799 |
| 3 | 161 | 315577 | 0 | 0 | 3444 | 0 | 37353 | 0 | 0 | 372 | 91235 | 0 | 14711 |
| 4 | 0 | 256433 | 0 | 0 | 0 | 316 | 0 | 0 | 61555 | 840 | 127279 | 0 | 3059 |
| 5 | 12 | 14054 | 0 | 0 | 0 | 628 | 0 | 0 | 259 | 0 | 5683 | 0 | 0 |
| 6 | 0 | 31942 | 0 | 0 | 304 | 0 | 6514 | 0 | 0 | 0 | 10183 | 0 | 0 |
| 7 | 0 | 3337 | 0 | 0 | 0 | 0 | 0 | 0 | 3812 | 0 | 2790 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3123 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | | | | | | | | | | | | | |
| 1 | 196 | 203575 | 3002 | 0 | 32 | 0 | 445 | 0 | 0 | 1813 | 100240 | 415 | 5354 |
| 2 | 1300 | 347830 | 0 | 0 | 62 | 87 | 686 | 0 | 0 | 0 | 161273 | 0 | 15741 |
| 3 | 159 | 299242 | 0 | 0 | 3911 | 0 | 48037 | 0 | 1981 | 0 | 80241 | 0 | 13558 |
| 4 | 0 | 268045 | 0 | 0 | 0 | 224 | 0 | 0 | 61555 | 508 | 129806 | 0 | 2465 |
| 5 | 16 | 21004 | 0 | 0 | 0 | 133 | 0 | 0 | 3553 | 959 | 10023 | 0 | 0 |
| 6 | 0 | 41385 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18818 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 448 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3735 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | | | | | | | | | | | | | |
| 1 | 196 | 214578 | 3072 | 0 | 26 | 0 | 362 | 0 | 0 | 432 | 102865 | 415 | 6777 |
| 2 | 752 | 351928 | 0 | 0 | 74 | 114 | 816 | 0 | 0 | 1583 | 163995 | 0 | 13773 |
| 3 | 219 | 309370 | 0 | 0 | 3887 | 0 | 47759 | 0 | 1979 | 352 | 84340 | 0 | 13942 |
| 4 | 0 | 254578 | 0 | 0 | 0 | 152 | 0 | 0 | 61555 | 838 | 123758 | 0 | 2000 |
| 5 | 15 | 9193 | 0 | 0 | 0 | 165 | 0 | 0 | 3553 | 0 | 10002 | 0 | 1921 |
| 6 | 0 | 38042 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17450 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 425 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3683 | 0 | 0 | 0 | 0 | 0 |

TABLE 5.4 (CONTINUED)

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|-------------------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | |
| 1 | 222 | 218786 | 2938 | 0 | 24 | 0 | 334 | 0 | 0 | 424 | 96715 | 415 | 6670 |
| 2 | 1334 | 342686 | 0 | 0 | 64 | 95 | 704 | 0 | 2197 | 1180 | 160255 | 0 | 14064 |
| 3 | 123 | 298525 | 0 | 0 | 3887 | 14 | 47759 | 0 | 0 | 548 | 79989 | 0 | 13822 |
| 4 | 0 | 267711 | 0 | 0 | 0 | 326 | 0 | 0 | 61555 | 955 | 131692 | 0 | 3219 |
| 5 | 16 | 15767 | 0 | 0 | 0 | 616 | 0 | 0 | 259 | 0 | 6936 | 0 | 43 |
| 6 | 0 | 41474 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18857 | 0 | 0 |
| 7 | 0 | 3810 | 0 | 0 | 0 | 0 | 0 | 0 | 3735 | 0 | 2913 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3152 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | |
| 1 | 0 | 443692 | 3136 | 0 | 0 | 0 | 0 | 0 | 0 | 424 | 19093 | 26 | 0 |
| 2 | 2862 | 359221 | 0 | 0 | 0 | 87 | 0 | 0 | 0 | 291 | 162394 | 0 | 8397 |
| 3 | 31 | 372689 | 0 | 0 | 3508 | 250 | 39518 | 0 | 0 | 0 | 65550 | 0 | 8734 |
| 4 | 0 | 292912 | 37 | 0 | 0 | 320 | 0 | 0 | 40706 | 0 | 137973 | 0 | 10181 |
| 5 | 0 | 28029 | 0 | 0 | 0 | 33 | 0 | 0 | 10861 | 0 | 15762 | 0 | 81 |
| 6 | 0 | 38108 | 24 | 0 | 0 | 0 | 0 | 0 | 9048 | 518 | 19031 | 0 | 3122 |
| 7 | 0 | 9031 | 0 | 0 | 0 | 0 | 0 | 0 | 1071 | 0 | 3273 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 156 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 4162 | 0 | 0 | 355 | 312 | 4432 | 3152 | 0 | 0 | 0 | 0 | 0 |
| SOIL LOSS: | | | | | | | | | | | | | |
| 1 | 502 | 206168 | 2951 | 0 | 0 | 0 | 0 | 0 | 0 | 3182 | 98322 | 415 | 3502 |
| 2 | 2717 | 340430 | 0 | 0 | 17 | 87 | 184 | 0 | 1489 | 0 | 162297 | 0 | 15743 |
| 3 | 56 | 348534 | 0 | 0 | 142 | 0 | 0 | 0 | 0 | 990 | 129267 | 0 | 8742 |
| 4 | 0 | 271661 | 0 | 0 | 2170 | 334 | 42251 | 0 | 61555 | 960 | 80173 | 0 | 3232 |
| 5 | 16 | 23868 | 0 | 0 | 0 | 498 | 0 | 0 | 280 | 0 | 11143 | 0 | 1489 |
| 6 | 0 | 24704 | 0 | 0 | 1050 | 0 | 6110 | 0 | 0 | 0 | 0 | 0 | 2947 |
| 7 | 0 | 3207 | 0 | 0 | 0 | 51 | 0 | 0 | 3735 | 0 | 2711 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 156 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3152 | 0 | 0 | 0 | 0 | 0 |

TABLE 5.6 QUANTITIES OF CROP COMMODITIES PRODUCED (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN IOWA

| | | UNIT | PRODUCED | INTER | CONSUMED | NET EXPORT |
|--------------------|----------|-------|----------|---------|----------|------------|
| TREND: | CORN | BU | 1190555 | 664818 | 11769 | 513968 |
| | SORGHUM | BU | 67773 | 35430 | 275 | 32067 |
| | BARLEY | BU | 1301 | 2478 | 4085 | -5262 |
| | OATS | BU | 48814 | 66075 | 2195 | -19457 |
| | WHEAT | BU | 37826 | 1483 | 13040 | 25303 |
| | SOYBEANS | BU | 498,067 | 123,746 | 8,585 | 365,736 |
| | COTTON | BALES | 0 | 0 | 122 | -122 |
| PRIME LANDS: | CORN | BU | 1184911 | 664818 | 11769 | 508324 |
| | SORGHUM | BU | 67850 | 35430 | 275 | 32146 |
| | BARLEY | BU | 1717 | 2478 | 4085 | -4846 |
| | OATS | BU | 44893 | 66075 | 2195 | -23378 |
| | WHEAT | BU | 38336 | 1483 | 13040 | 23813 |
| | SOYBEANS | BU | 504,389 | 123,746 | 8,585 | 372,056 |
| | COTTON | BALES | 0 | 0 | 122 | -122 |
| FRAGILE: | CORN | BU | 1181079 | 664818 | 11769 | 504492 |
| | SORGHUM | BU | 67089 | 35430 | 275 | 31384 |
| | BARLEY | BU | 1670 | 2478 | 4085 | -4893 |
| | OATS | BU | 49168 | 66075 | 2195 | -19102 |
| | WHEAT | BU | 37117 | 1483 | 13040 | 22594 |
| | SOYBEANS | BU | 500,405 | 123,746 | 8,585 | 368,074 |
| | COTTON | BALES | 0 | 0 | 122 | -122 |
| PRIME- FRAGILE: | CORN | BU | 1177687 | 664818 | 11769 | 501100 |
| | SORGHUM | BU | 67087 | 35430 | 275 | 31382 |
| | BARLEY | BU | 1182 | 2478 | 4085 | -5381 |
| | OATS | BU | 48937 | 66075 | 2195 | -19333 |
| | WHEAT | BU | 38412 | 1483 | 13040 | 23889 |
| | SOYBEANS | BU | 502,410 | 123,746 | 8,585 | 370,078 |
| | COTTON | BALES | 0 | 0 | 122 | -122 |
| ENV. CORR. | CORN | BU | 1188756 | 664818 | 11769 | 512169 |
| | SORGHUM | BU | 67747 | 35430 | 275 | 32042 |
| | BARLEY | BU | 1695 | 2478 | 4085 | -4868 |
| | OATS | BU | 48797 | 66075 | 2195 | -19473 |
| | WHEAT | BU | 37816 | 1483 | 13040 | 23293 |
| | SOYBEANS | BU | 497,357 | 123,746 | 8,585 | 365,025 |
| | COTTON | BALES | 0 | 0 | 122 | -122 |
| HIGH EXPORT: | CORN | BU | 1547841 | 664818 | 11769 | 871254 |
| | SORGHUM | BU | 61686 | 35430 | 275 | 25981 |
| | BARLEY | BU | 2893 | 2478 | 4085 | -3671 |
| | OATS | BU | 43950 | 66075 | 2195 | -24320 |
| | WHEAT | BU | 30514 | 1483 | 13040 | 15991 |
| | SOYBEANS | BU | 423,100 | 123,746 | 8,585 | 290,766 |
| | COTTON | BALES | 0 | 0 | 122 | -122 |
| SOIL LOSS: | CORN | BU | 1218568 | 664818 | 11769 | 541981 |
| | SORGHUM | BU | 67059 | 35430 | 275 | 31355 |
| | BARLEY | BU | 3291 | 2478 | 4085 | -3272 |
| | OATS | BU | 48545 | 66075 | 2195 | -19725 |
| | WHEAT | BU | 35654 | 1483 | 13040 | 21131 |
| | SOYBEANS | BU | 483,912 | 123,746 | 8,585 | 351,580 |
| | COTTON | BALES | 0 | 0 | 122 | -122 |

TABLE 5.7 RESOURCE USE IN CROP PRODUCTION (THOUSANDS OF DOLLARS) UNDER ALTERNATIVE FUTURES IN IOWA

| TREND: | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|------------|--------|-------|-------|--------|----------|--------|-------|
| BARLEY | 97 | 0 | 26 | 59 | 25 | 194 | 2 |
| CORN G | 377880 | 0 | 58873 | 118809 | 67061 | 390425 | 39075 |
| CORN S | 6666 | 2 | 1907 | 428 | 867 | 8245 | 608 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 23354 | 0 | 4525 | 6485 | 7847 | 29840 | 4258 |
| HAY N | 6552 | 41 | 2525 | 6110 | 1874 | 16919 | 2187 |
| S FALLOW | 81 | 0 | 18 | 0 | 0 | 61 | 0 |
| DAIS | 20597 | 0 | 3224 | 3767 | 2907 | 17506 | 544 |
| SORG G | 1562 | 0 | 1054 | 9695 | 958 | 8004 | 228 |
| SORG S | 2549 | 56 | 1422 | 205 | 200 | 6639 | 299 |
| SOYBEANS | 419150 | 4 | 50984 | 173677 | 118141 | 445172 | 10120 |
| SUGAR BEET | 158 | 0 | 152 | 33 | 84 | 76 | 37 |
| WHEAT | 10002 | 0 | 1533 | 3928 | 1510 | 9482 | 302 |

PRIME LANDS:

| | | | | | | | |
|------------|--------|----|-------|--------|--------|--------|-------|
| BARLEY | 106 | 0 | 30 | 74 | 28 | 223 | 2 |
| CORN G | 341894 | 0 | 58313 | 116502 | 66567 | 386610 | 38859 |
| CORN S | 6048 | 2 | 1842 | 415 | 847 | 7943 | 588 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 20317 | 1 | 4634 | 6737 | 8140 | 30559 | 4420 |
| HAY N | 5855 | 40 | 2547 | 6061 | 1920 | 17044 | 2206 |
| S FALLOW | 48 | 0 | 15 | 0 | 0 | 54 | 0 |
| DAIS | 16679 | 0 | 3164 | 3758 | 2877 | 17195 | 544 |
| SORG G | 1099 | 0 | 1060 | 9705 | 967 | 8048 | 229 |
| SORG S | 2630 | 56 | 1548 | 234 | 226 | 7236 | 326 |
| SOYBEANS | 389091 | 4 | 51387 | 173845 | 119171 | 448223 | 10192 |
| SUGAR BEET | 145 | 0 | 152 | 33 | 84 | 76 | 37 |
| WHEAT | 9388 | 0 | 1582 | 4007 | 1618 | 9759 | 312 |

FRAGILE:

| | | | | | | | |
|------------|--------|----|-------|--------|--------|--------|-------|
| BARLEY | 135 | 0 | 31 | 89 | 29 | 231 | 2 |
| CORN G | 391439 | 0 | 58576 | 117076 | 66497 | 388423 | 38750 |
| CORN S | 6885 | 2 | 1815 | 415 | 838 | 7813 | 578 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 24895 | 13 | 4597 | 6630 | 7938 | 30321 | 4309 |
| HAY N | 6557 | 43 | 2347 | 4075 | 1818 | 15675 | 2013 |
| S FALLOW | 95 | 0 | 18 | 0 | 0 | 61 | 0 |
| DAIS | 21916 | 0 | 3272 | 3871 | 2946 | 17831 | 550 |
| SORG G | 2275 | 0 | 1038 | 9620 | 894 | 7888 | 221 |
| SORG S | 2956 | 56 | 1509 | 245 | 230 | 7074 | 330 |
| SOYBEANS | 444850 | 4 | 51257 | 168038 | 118317 | 446612 | 10081 |
| SUGAR BEET | 164 | 0 | 152 | 33 | 84 | 76 | 37 |
| WHEAT | 10463 | 0 | 1514 | 3781 | 1497 | 9347 | 297 |

PRIME FRAGILE:

| | | | | | | | |
|------------|--------|----|-------|--------|--------|--------|-------|
| BARLEY | 96 | 0 | 29 | 90 | 28 | 216 | 2 |
| CORN G | 331649 | 0 | 58086 | 115501 | 66109 | 385333 | 38474 |
| CORN S | 5978 | 2 | 1867 | 412 | 853 | 8058 | 596 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 20576 | 9 | 4558 | 6487 | 7907 | 30066 | 4276 |
| HAY N | 5115 | 36 | 2184 | 3906 | 1790 | 14573 | 1953 |
| S FALLOW | 36 | 0 | 15 | 0 | 0 | 53 | 0 |
| DAIS | 18109 | 0 | 3246 | 3776 | 2927 | 17682 | 544 |
| SORG G | 1439 | 0 | 1026 | 9644 | 915 | 7803 | 223 |
| SORG S | 2557 | 56 | 1535 | 227 | 221 | 7171 | 323 |
| SOYBEANS | 378199 | 4 | 51442 | 165785 | 119143 | 448012 | 10124 |
| SUGAR BEET | 142 | 0 | 152 | 33 | 84 | 76 | 37 |
| WHEAT | 9630 | 0 | 1765 | 4106 | 2015 | 10801 | 352 |

TABLE 5.7 (CONTINUED)

| | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|-------------------------|--------|-------|-------|--------|----------|--------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| BARLEY | 124 | 0 | 30 | 137 | 29 | 223 | 2 |
| CORN G | 380426 | 0 | 58787 | 119550 | 66965 | 389864 | 39018 |
| CORN S | 6583 | 2 | 1773 | 432 | 813 | 7619 | 565 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 23687 | 4 | 4526 | 6487 | 7848 | 29849 | 4259 |
| HAY N | 6741 | 38 | 2529 | 6095 | 1875 | 16945 | 2189 |
| S FALLOW | 82 | 0 | 17 | 0 | 0 | 61 | 0 |
| OATS | 20901 | 0 | 3222 | 3806 | 2906 | 17493 | 544 |
| SORG G | 1583 | 0 | 1053 | 9696 | 957 | 7996 | 228 |
| SORG S | 2713 | 56 | 1527 | 328 | 233 | 7173 | 323 |
| SOYBEANS | 422327 | 4 | 50900 | 179029 | 117962 | 444427 | 10107 |
| SUGAR BEET | 159 | 0 | 152 | 33 | 84 | 76 | 37 |
| WHEAT | 10030 | 0 | 1533 | 3928 | 1510 | 4481 | 302 |

HIGH EXPORT:

| | | | | | | | |
|------------|---------|----|-------|--------|--------|--------|-------|
| BARLEY | 396 | 0 | 29 | 19 | 28 | 215 | 2 |
| CORN G | 1197712 | 0 | 77460 | 234042 | 89333 | 513677 | 51921 |
| CORN S | 15434 | 2 | 2084 | 4041 | 898 | 9061 | 654 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 53028 | 40 | 4696 | 7167 | 8246 | 31027 | 4585 |
| HAY N | 14443 | 11 | 2500 | 6163 | 2004 | 16728 | 2353 |
| S FALLOW | 287 | 0 | 60 | 0 | 0 | 210 | 0 |
| OATS | 41913 | 0 | 2989 | 3678 | 2920 | 15781 | 538 |
| SORG G | 6013 | 0 | 864 | 12479 | 502 | 6736 | 177 |
| SORG S | 3278 | 66 | 415 | 462 | 75 | 1864 | 90 |
| SOYBEANS | 935981 | 25 | 44979 | 243588 | 101065 | 396513 | 8640 |
| SUGAR BEET | 22 | 0 | 10 | 2 | 5 | 5 | 2 |
| WHEAT | 14822 | 0 | 1247 | 10033 | 765 | 7891 | 235 |

SOIL LOSS:

| | | | | | | | |
|------------|--------|----|-------|--------|--------|--------|-------|
| BARLEY | 197 | 0 | 40 | 41 | 38 | 306 | 2 |
| CORN G | 413260 | 2 | 60197 | 125100 | 58358 | 398475 | 40040 |
| CORN S | 7085 | 1 | 1792 | 362 | 797 | 7707 | 571 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 20495 | 79 | 4985 | 7088 | 8252 | 32973 | 4565 |
| HAY N | 5617 | 0 | 2706 | 6112 | 1998 | 18074 | 2347 |
| S FALLOW | 121 | 0 | 18 | 0 | 0 | 62 | 0 |
| OATS | 18600 | 0 | 3203 | 3691 | 2863 | 16988 | 539 |
| SORG G | 1831 | 0 | 1064 | 9658 | 932 | 8070 | 225 |
| SORG S | 4796 | 56 | 2204 | 270 | 328 | 10347 | 437 |
| SOYBEANS | 449559 | 4 | 49817 | 174882 | 115597 | 435061 | 9856 |
| SUGAR BEET | 169 | 0 | 152 | 33 | 84 | 76 | 37 |
| WHEAT | 8439 | 0 | 1499 | 4721 | 1393 | 9294 | 230 |

CHAPTER 6. KANSAS

Note: Dryland crop acreage in table 2 of this chapter includes the acreage on land that could have been irrigated.

TABLE 6.1 LAND USE (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN KANSAS

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXOGEN USED | TOT USED |
|-----------------------|-----------|---------|---------|----------|----------|-------------|----------|
| TREND: | | | | | | | |
| LC 1-0 | 1993 | 220 | -0 | 1961 | 0 | 32 | 1993 |
| LC 2-0 | 4825 | 0 | -0 | 4745 | 0 | 80 | 4825 |
| LC 3-0 | 5433 | 0 | -0 | 5343 | 0 | 91 | 5433 |
| LC 4-0 | 6792 | 0 | -0 | 5894 | 0 | 98 | 5992 |
| LC 5-0 | 1952 | 0 | -0 | 1759 | 0 | 24 | 1782 |
| LC 6-0 | 3423 | 0 | -0 | 2678 | 0 | 44 | 2722 |
| LC 7-0 | 139 | 0 | -0 | 130 | 0 | 1 | 132 |
| LC 8-0 | 14 | 0 | -0 | 11 | 0 | 0 | 11 |
| LC 9-0 | 843 | 0 | -0 | 386 | 0 | 8 | 394 |
| LC 1-1 | 2440 | 0 | -0 | 223 | 2202 | 15 | 2440 |
| LC 2-1 | 172 | 0 | -0 | 171 | 0 | 1 | 172 |
| LC 3-1 | 133 | 0 | -0 | 132 | 0 | 1 | 133 |
| LC 4-1 | 276 | 0 | -0 | 235 | 39 | 1 | 276 |
| LC 5-1 | 12 | 0 | -0 | 12 | 0 | 0 | 12 |
| LC 6-1 | 60 | 0 | -0 | 57 | 0 | 0 | 58 |
| LC 7-1 | 20 | 0 | -0 | 20 | 0 | 0 | 20 |
| LC 8-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 7 | 0 | -0 | 7 | 0 | 0 | 7 |
| PAST 0 | 20320 | -156 | -0 | 20320 | 0 | 0 | 20320 |
| PAST 1 | 28 | 0 | -0 | 28 | -0 | 0 | 28 |
| LC 1 TO 5 | 24028 | 220 | -0 | 20474 | 2242 | 343 | 23058 |
| LC 6 TO 9 | 4506 | 0 | -0 | 3289 | 0 | 54 | 3343 |
| TOT CRPLND | 28535 | 220 | -0 | 23762 | 2242 | 397 | 26402 |
| PRIME LANDS: | | | | | | | |
| LC 1-0 | 2015 | 220 | -0 | 1983 | 0 | 32 | 2015 |
| LC 2-0 | 4876 | 0 | -0 | 4796 | 0 | 80 | 4876 |
| LC 3-0 | 5489 | 0 | -0 | 5394 | 0 | 91 | 5489 |
| LC 4-0 | 6732 | 0 | -0 | 5854 | 0 | 98 | 5952 |
| LC 5-0 | 1940 | 0 | -0 | 1742 | 0 | 24 | 1765 |
| LC 6-0 | 3398 | 0 | -0 | 2649 | 0 | 44 | 2693 |
| LC 7-0 | 138 | 0 | -0 | 130 | 0 | 1 | 131 |
| LC 8-0 | 14 | 0 | -0 | 11 | 0 | 0 | 11 |
| LC 9-0 | 838 | 0 | -0 | 385 | 0 | 8 | 393 |
| LC 1-1 | 2444 | 0 | -0 | 188 | 2241 | 15 | 2444 |
| LC 2-1 | 176 | 0 | -0 | 174 | 0 | 1 | 176 |
| LC 3-1 | 136 | 0 | -0 | 135 | 0 | 1 | 136 |
| LC 4-1 | 270 | 0 | -0 | 230 | 38 | 1 | 270 |
| LC 5-1 | 17 | 0 | -0 | 17 | 0 | 0 | 17 |
| LC 6-1 | 57 | 0 | -0 | 54 | 0 | 0 | 54 |
| LC 7-1 | 16 | 0 | -0 | 16 | 0 | 0 | 16 |
| LC 8-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 10 | 0 | -0 | 10 | 0 | 0 | 10 |
| PAST 0 | 20319 | -156 | -0 | 20319 | 0 | 0 | 20319 |
| PAST 1 | 28 | 0 | -0 | 28 | -0 | 0 | 28 |
| LC 1 TO 5 | 24095 | 220 | -0 | 20516 | 2280 | 343 | 23139 |
| LC 6 TO 9 | 4471 | 0 | -0 | 3254 | 0 | 54 | 3309 |
| TOT CRPLND | 28565 | 220 | -0 | 23771 | 2280 | 397 | 26448 |
| FRAGILE: | | | | | | | |
| LC 1-0 | 1984 | 221 | -0 | 1952 | 0 | 32 | 1984 |
| LC 2-0 | 4795 | 0 | -0 | 4715 | 0 | 80 | 4795 |
| LC 3-0 | 5401 | 0 | -0 | 5311 | 0 | 91 | 5401 |
| LC 4-0 | 6759 | 0 | -0 | 5638 | 0 | 98 | 5736 |
| LC 5-0 | 1937 | 0 | -0 | 1747 | 0 | 24 | 1771 |
| LC 6-0 | 1889 | 0 | -0 | 1146 | 0 | 44 | 1190 |
| LC 7-0 | 138 | 0 | -0 | 129 | 0 | 1 | 131 |
| LC 8-0 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 8 | 0 | -0 | 0 | 0 | 8 | 8 |
| LC 1-1 | 2460 | 0 | -0 | 333 | 2111 | 15 | 2460 |
| LC 2-1 | 177 | 0 | -0 | 175 | 0 | 1 | 177 |
| LC 3-1 | 137 | 0 | -0 | 123 | 13 | 1 | 137 |
| LC 4-1 | 274 | 0 | -0 | 235 | 37 | 1 | 274 |
| LC 5-1 | 17 | 0 | -0 | 17 | 0 | 0 | 17 |
| LC 6-1 | 6 | 0 | -0 | 4 | 3 | 0 | 6 |
| LC 7-1 | 16 | 0 | -0 | 16 | 0 | 0 | 16 |
| LC 8-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| PAST 0 | 22779 | -158 | -0 | 22779 | 0 | 0 | 22779 |
| PAST 1 | 66 | 0 | -0 | 66 | -0 | 0 | 66 |
| LC 1 TO 5 | 23940 | 221 | -0 | 20246 | 2162 | 343 | 22751 |
| LC 6 TO 9 | 2058 | 0 | -0 | 1296 | 3 | 54 | 1353 |
| TOT CRPLND | 25998 | 221 | -0 | 21542 | 2165 | 397 | 24103 |
| PRIME-FRAGILE: | | | | | | | |
| LC 1-0 | 2644 | 220 | -0 | 2612 | 0 | 32 | 2644 |
| LC 2-0 | 4958 | 0 | -0 | 4878 | 0 | 80 | 4958 |
| LC 3-0 | 5558 | 0 | -0 | 5468 | 0 | 91 | 5558 |
| LC 4-0 | 6782 | 0 | -0 | 5599 | 0 | 98 | 5697 |
| LC 5-0 | 1933 | 0 | -0 | 1733 | 0 | 24 | 1756 |
| LC 6-0 | 1976 | 0 | -0 | 1125 | 0 | 44 | 1169 |
| LC 7-0 | 142 | 0 | -0 | 134 | 0 | 1 | 135 |
| LC 8-0 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 8 | 0 | -0 | 0 | 0 | 8 | 8 |
| LC 1-1 | 2468 | 0 | -0 | 208 | 2245 | 15 | 2468 |
| LC 2-1 | 177 | 0 | -0 | 175 | 0 | 1 | 177 |
| LC 3-1 | 137 | 0 | -0 | 136 | 0 | 1 | 137 |
| LC 4-1 | 272 | 0 | -0 | 235 | 36 | 1 | 272 |
| LC 5-1 | 17 | 0 | -0 | 17 | 0 | 0 | 17 |
| LC 6-1 | 6 | 0 | -0 | 4 | 0 | 0 | 4 |
| LC 7-1 | 16 | 0 | -0 | 16 | 0 | 0 | 16 |
| LC 8-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | -0 | 0 | 0 | 0 | 0 |
| PAST 0 | 22773 | -156 | -0 | 22773 | 0 | 0 | 22773 |
| PAST 1 | 61 | 0 | -0 | 61 | -0 | 0 | 61 |
| LC 1 TO 5 | 24347 | 220 | -0 | 21061 | 2281 | 343 | 23685 |
| LC 6 TO 9 | 2049 | 0 | -0 | 1279 | 0 | 54 | 1333 |
| TOT CRPLND | 26996 | 220 | -0 | 22340 | 2281 | 397 | 25018 |

TABLE 6.1 (CONTINUED)

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXO G USED | TOT USED |
|--------------------------------|-----------|---------|---------|----------|----------|------------|----------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| LC 1-0 | 1991 | 220 | -0 | 1959 | 0 | 32 | 1991 |
| LC 2-0 | 4821 | 0 | -0 | 4741 | 0 | 80 | 4821 |
| LC 3-0 | 5432 | 0 | -0 | 5341 | 0 | 91 | 5432 |
| LC 4-0 | 6784 | 0 | -0 | 5889 | 0 | 98 | 5987 |
| LC 5-0 | 1949 | 0 | -0 | 1757 | 0 | 24 | 1781 |
| LC 6-0 | 3420 | 0 | -0 | 2677 | 0 | 44 | 2720 |
| LC 7-0 | 139 | 0 | -0 | 130 | 0 | 1 | 132 |
| LC 8-0 | 14 | 0 | 0 | 11 | 0 | 0 | 11 |
| LC 9-0 | 843 | 0 | 0 | 386 | 0 | 8 | 394 |
| LC 1-1 | 2436 | 0 | 0 | 279 | 2142 | 15 | 2436 |
| LC 2-1 | 175 | 0 | 0 | 173 | 0 | 1 | 175 |
| LC 3-1 | 136 | 0 | 0 | 134 | 0 | 1 | 136 |
| LC 4-1 | 271 | 0 | 0 | 230 | 0 | 1 | 271 |
| LC 5-1 | 17 | 0 | 0 | 17 | 0 | 0 | 17 |
| LC 6-1 | 57 | 0 | 0 | 54 | 0 | 0 | 54 |
| LC 7-1 | 16 | 0 | 0 | 16 | 0 | 0 | 16 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 10 | 0 | 0 | 10 | 0 | 0 | 10 |
| PAST 0 | 20319 | -156 | 0 | 20319 | 0 | 0 | 20319 |
| PAST 1 | 22 | 0 | 0 | 28 | -5 | 0 | 22 |
| LC 1 TO 5 | 24011 | 220 | -0 | 20520 | 2183 | 343 | 23045 |
| LC 6 TO 9 | 4498 | 0 | -0 | 3283 | 0 | 54 | 3338 |
| TOT CRPLND | 28509 | 220 | -0 | 23803 | 2183 | 397 | 26383 |
| HIGH EXPORT: | | | | | | | |
| LC 1-0 | 2056 | 283 | -0 | 2024 | 0 | 32 | 2056 |
| LC 2-0 | 4825 | 0 | -0 | 4745 | 0 | 80 | 4825 |
| LC 3-0 | 5433 | 0 | -0 | 5343 | 0 | 91 | 5433 |
| LC 4-0 | 6792 | 0 | -0 | 6695 | 0 | 98 | 6792 |
| LC 5-0 | 1952 | 0 | -0 | 1928 | 0 | 24 | 1952 |
| LC 6-0 | 3423 | 0 | -0 | 3379 | 0 | 44 | 3423 |
| LC 7-0 | 139 | 0 | -0 | 133 | 0 | 1 | 134 |
| LC 8-0 | 14 | 0 | 0 | 12 | 0 | 0 | 13 |
| LC 9-0 | 843 | 0 | 0 | 714 | 0 | 8 | 722 |
| LC 1-1 | 2440 | 0 | 0 | 186 | 2239 | 15 | 2440 |
| LC 2-1 | 172 | 0 | 0 | 151 | 20 | 1 | 172 |
| LC 3-1 | 133 | 0 | 0 | 132 | 0 | 1 | 133 |
| LC 4-1 | 276 | 0 | 0 | 262 | 13 | 1 | 276 |
| LC 5-1 | 12 | 0 | 0 | 12 | 0 | 0 | 12 |
| LC 6-1 | 60 | 0 | 0 | 57 | 3 | 0 | 60 |
| LC 7-1 | 20 | 0 | 0 | 20 | 0 | 0 | 20 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 7 | 0 | 0 | 7 | 0 | 0 | 7 |
| PAST 0 | 20280 | -146 | 0 | 20280 | 0 | 0 | 20280 |
| PAST 1 | 28 | 0 | 0 | 28 | -0 | 0 | 28 |
| LC 1 TO 5 | 24092 | 283 | -0 | 21477 | 2272 | 343 | 24092 |
| LC 6 TO 9 | 4506 | 0 | -0 | 4322 | 3 | 54 | 4379 |
| TOT CRPLND | 28598 | 283 | -0 | 25798 | 2275 | 397 | 28470 |
| SOIL LOSS: | | | | | | | |
| LC 1-0 | 1994 | 221 | -0 | 1962 | 0 | 32 | 1994 |
| LC 2-0 | 4825 | 0 | -0 | 4745 | 0 | 80 | 4825 |
| LC 3-0 | 5433 | 0 | -0 | 5343 | 0 | 91 | 5433 |
| LC 4-0 | 6792 | 0 | -0 | 5894 | 0 | 98 | 5992 |
| LC 5-0 | 1952 | 0 | -0 | 1786 | 0 | 24 | 1810 |
| LC 6-0 | 3423 | 0 | -0 | 2625 | 0 | 44 | 2669 |
| LC 7-0 | 139 | 0 | -0 | 130 | 0 | 1 | 132 |
| LC 8-0 | 14 | 0 | 0 | 11 | 0 | 0 | 11 |
| LC 9-0 | 843 | 0 | 0 | 386 | 0 | 8 | 394 |
| LC 1-1 | 2440 | 0 | 0 | 285 | 2141 | 15 | 2440 |
| LC 2-1 | 172 | 0 | 0 | 171 | 0 | 1 | 172 |
| LC 3-1 | 133 | 0 | 0 | 132 | 0 | 1 | 133 |
| LC 4-1 | 276 | 0 | 0 | 235 | 39 | 1 | 276 |
| LC 5-1 | 12 | 0 | 0 | 12 | 0 | 0 | 12 |
| LC 6-1 | 60 | 0 | 0 | 57 | 0 | 0 | 58 |
| LC 7-1 | 20 | 0 | 0 | 20 | 0 | 0 | 20 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 7 | 0 | 0 | 7 | 0 | 0 | 7 |
| PAST 0 | 20318 | -158 | 0 | 20318 | 0 | 0 | 20318 |
| PAST 1 | 28 | 0 | 0 | 28 | -0 | 0 | 28 |
| LC 1 TO 5 | 24029 | 221 | -0 | 20564 | 2181 | 343 | 23087 |
| LC 6 TO 9 | 4506 | 0 | -0 | 3236 | 0 | 54 | 3290 |
| TOT CRPLND | 28536 | 221 | -0 | 23799 | 2181 | 397 | 26377 |

TABLE 6.2 DRYLAND CROP ACREAGES (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN KANSAS

| | LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEAN | SGRBEET | WHEAT |
|----------------|------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|---------|---------|-------|
| TREND: | 1 | 0 | 96 | 226 | 4 | 583 | 0 | 0 | 104 | 0 | 445 | 56 | 689 | 0 | 151 |
| | 2 | 131 | 33 | 0 | 0 | 3223 | 73 | 0 | 360 | 0 | 224 | 66 | 375 | 0 | 1030 |
| | 3 | 0 | 38 | 0 | 0 | 2781 | 73 | 109 | 338 | 0 | 137 | 43 | 461 | 0 | 1357 |
| | 4 | 0 | 7 | 57 | 0 | 1573 | 1750 | 82 | 413 | 0 | 520 | 19 | 598 | 0 | 1136 |
| | 5 | 0 | 0 | 0 | 0 | 0 | 490 | 420 | 31 | 0 | 144 | 0 | 9 | 0 | 1037 |
| | 6 | 0 | 161 | 0 | 0 | 0 | 1182 | 483 | 230 | 0 | 190 | 0 | 36 | 0 | 741 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 99 | 4 | 26 | 0 | 0 | 0 | 0 | 0 | 12 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 376 | 0 | 64 | 20192 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | 1 | 0 | 60 | 231 | 4 | 590 | 31 | 0 | 105 | 0 | 439 | 57 | 690 | 0 | 147 |
| | 2 | 131 | 33 | 0 | 0 | 3290 | 77 | 0 | 370 | 0 | 221 | 69 | 354 | 0 | 1024 |
| | 3 | 0 | 76 | 0 | 0 | 2806 | 0 | 109 | 341 | 0 | 139 | 29 | 629 | 0 | 1319 |
| | 4 | 0 | 136 | 0 | 0 | 1474 | 1832 | 82 | 425 | 0 | 451 | 17 | 656 | 0 | 1141 |
| | 5 | 0 | 0 | 0 | 0 | 0 | 486 | 419 | 31 | 0 | 109 | 0 | 3 | 0 | 1065 |
| | 6 | 0 | 147 | 0 | 0 | 0 | 1176 | 480 | 228 | 0 | 190 | 0 | 26 | 0 | 737 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 0 | 0 | 35 | 0 | 0 | 0 | 75 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 377 | 0 | 64 | 20191 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | 1 | 0 | 56 | 224 | 4 | 638 | 84 | 0 | 104 | 0 | 425 | 64 | 672 | 0 | 156 |
| | 2 | 133 | 37 | 0 | 0 | 3359 | 41 | 0 | 387 | 0 | 194 | 61 | 280 | 0 | 1019 |
| | 3 | 0 | 53 | 0 | 0 | 2416 | 17 | 204 | 274 | 0 | 209 | 43 | 528 | 0 | 1469 |
| | 4 | 0 | 193 | 59 | 0 | 968 | 1957 | 192 | 425 | 0 | 548 | 19 | 521 | 0 | 1024 |
| | 5 | 0 | 93 | 0 | 0 | 0 | 773 | 280 | 115 | 0 | 147 | 0 | 3 | 0 | 639 |
| | 6 | 0 | 36 | 0 | 0 | 0 | 627 | 156 | 122 | 0 | 80 | 0 | 36 | 0 | 257 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 97 | 4 | 25 | 0 | 0 | 0 | 0 | 0 | 12 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22677 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | 1 | 0 | 60 | 226 | 4 | 991 | 85 | 0 | 139 | 0 | 446 | 57 | 701 | 0 | 282 |
| | 2 | 131 | 32 | 0 | 0 | 3410 | 76 | 0 | 389 | 0 | 218 | 69 | 323 | 0 | 1015 |
| | 3 | 0 | 76 | 0 | 0 | 2379 | 0 | 205 | 254 | 0 | 242 | 29 | 631 | 0 | 1605 |
| | 4 | 0 | 241 | 0 | 0 | 730 | 2341 | 189 | 511 | 0 | 460 | 17 | 515 | 0 | 902 |
| | 5 | 0 | 0 | 0 | 0 | 0 | 482 | 417 | 31 | 0 | 144 | 0 | 3 | 0 | 1026 |
| | 6 | 0 | 25 | 0 | 0 | 0 | 625 | 154 | 121 | 0 | 80 | 0 | 26 | 0 | 255 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 100 | 4 | 26 | 0 | 0 | 0 | 0 | 0 | 13 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22669 | 0 | 0 | 0 | 0 | 0 |

TABLE 6.2 (CONTINUED)

| LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEANS | SGRBEET | WHEAT |
|-------------------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|----------|---------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | | |
| 1 | 0 | 147 | 226 | 4 | 582 | 0 | 0 | 104 | 0 | 445 | 56 | 688 | 0 | 150 |
| 2 | 131 | 33 | 0 | 0 | 3224 | 73 | 0 | 359 | 0 | 223 | 66 | 374 | 0 | 1031 |
| 3 | 0 | 58 | 0 | 0 | 2782 | 59 | 109 | 338 | 0 | 138 | 43 | 500 | 0 | 1338 |
| 4 | 0 | 89 | 54 | 0 | 1566 | 1749 | 82 | 413 | 0 | 517 | 19 | 599 | 0 | 1135 |
| 5 | 0 | 0 | 0 | 0 | 0 | 491 | 420 | 31 | 0 | 144 | 0 | 9 | 0 | 1038 |
| 6 | 0 | 161 | 0 | 0 | 0 | 1180 | 482 | 229 | 0 | 190 | 0 | 36 | 0 | 741 |
| 7 | 0 | 0 | 0 | 0 | 0 | 97 | 4 | 25 | 0 | 0 | 0 | 0 | 0 | 12 |
| 8 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 378 | 0 | 65 | 20191 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | | |
| 1 | 0 | 45 | 35 | 0 | 567 | 0 | 0 | 104 | 0 | 444 | 56 | 850 | 0 | 130 |
| 2 | 0 | 55 | 0 | 0 | 3141 | 113 | 0 | 341 | 0 | 122 | 2 | 497 | 0 | 1076 |
| 3 | 0 | 101 | 0 | 0 | 2524 | 0 | 137 | 286 | 0 | 286 | 0 | 675 | 0 | 1329 |
| 4 | 73 | 125 | 46 | 10 | 2368 | 1134 | 7 | 423 | 0 | 397 | 616 | 767 | 0 | 1260 |
| 5 | 0 | 0 | 0 | 0 | 0 | 509 | 420 | 31 | 0 | 162 | 0 | 82 | 0 | 1087 |
| 6 | 125 | 207 | 0 | 0 | 0 | 1980 | 223 | 429 | 0 | 242 | 31 | 37 | 0 | 488 |
| 7 | 0 | 0 | 0 | 0 | 0 | 99 | 4 | 26 | 0 | 0 | 0 | 0 | 0 | 13 |
| 8 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 376 | 74 | 64 | 20112 | 0 | 0 | 0 | 0 | 324 |
| SOIL LOSS: | | | | | | | | | | | | | | |
| 1 | 0 | 222 | 84 | 4 | 583 | 0 | 0 | 104 | 0 | 445 | 20 | 702 | 0 | 161 |
| 2 | 253 | 37 | 0 | 0 | 3226 | 33 | 0 | 360 | 0 | 223 | 207 | 260 | 0 | 975 |
| 3 | 0 | 31 | 0 | 0 | 2636 | 73 | 139 | 309 | 0 | 167 | 94 | 440 | 0 | 1446 |
| 4 | 0 | 0 | 28 | 0 | 1808 | 1709 | 21 | 458 | 0 | 557 | 19 | 560 | 0 | 1037 |
| 5 | 0 | 3 | 0 | 0 | 0 | 576 | 420 | 10 | 0 | 120 | 0 | 16 | 0 | 1075 |
| 6 | 0 | 195 | 0 | 0 | 0 | 1182 | 481 | 230 | 0 | 156 | 0 | 0 | 0 | 766 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 42 | 0 | 0 | 36 | 0 | 0 | 0 | 77 |
| 8 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 469 | 0 | 0 | 20188 | 0 | 0 | 0 | 0 | 0 |

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TABLE 6.3 IRRIGATED CROP ACREAGES (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN KANSAS

| TREND: | LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEAN | SGRBEET | WHEAT |
|----------------|------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|---------|---------|-------|
| | 10 | 22 | 63 | 0 | 0 | 21 | 0 | 0 | 0 | 0 | 17 | 2062 | 0 | 18 | 8 |
| | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 12 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 13 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0 | 0 |
| | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | 10 | 22 | 100 | 0 | 0 | 21 | 0 | 0 | 0 | 0 | 17 | 2064 | 0 | 18 | 8 |
| | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 12 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 13 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 |
| | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | 10 | 14 | 1 | 0 | 0 | 21 | 0 | 0 | 0 | 0 | 9 | 2065 | 0 | 10 | 0 |
| | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 13 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 |
| | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | 10 | 22 | 100 | 0 | 0 | 21 | 0 | 0 | 0 | 0 | 17 | 2067 | 0 | 18 | 8 |
| | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 12 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 13 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 |
| | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE 6.3 (CONTINUED)

| LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEANS | SGRBEET | WHEAT |
|-------------------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|----------|---------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | | |
| 10 | 22 | 3 | 0 | 0 | 21 | 0 | 0 | 0 | 0 | 17 | 2061 | 0 | 15 | 8 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | | |
| 10 | 8 | 101 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 2129 | 0 | 8 | 8 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOIL LOSS: | | | | | | | | | | | | | | |
| 10 | 22 | 2 | 1 | 0 | 21 | 0 | 0 | 0 | 0 | 17 | 2059 | 0 | 18 | 8 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE 6.4 DRYLAND CROP PRODUCTION (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN KANSAS

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEAN BU | SGRBEET TONS | WHEAT BU |
|----------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|---------------|-----------------|-------------|
| TREND: | | | | | | | | | | | | | |
| 1 | 0 | 6452 | 2907 | 5 | 2799 | 0 | 5863 | 0 | 22272 | 764 | 33977 | 0 | 5042 |
| 2 | 5785 | 3447 | 0 | 0 | 14336 | 220 | 19560 | 0 | 10465 | 705 | 15553 | 0 | 36892 |
| 3 | 0 | 5324 | 0 | 0 | 12740 | 184 | 19006 | 0 | 8037 | 496 | 19062 | 0 | 49540 |
| 4 | 0 | 8618 | 718 | 0 | 6328 | 3959 | 17207 | 0 | 27747 | 221 | 20857 | 0 | 38006 |
| 5 | 0 | 0 | 0 | 0 | 0 | 1029 | 989 | 0 | 7618 | 0 | 262 | 0 | 37816 |
| 6 | 0 | 12745 | 0 | 0 | 0 | 2423 | 7058 | 0 | 8657 | 0 | 1162 | 0 | 20028 |
| 7 | 0 | 0 | 0 | 0 | 0 | 195 | 805 | 0 | 0 | 0 | 0 | 0 | 314 |
| 8 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 774 | 1173 | 6209 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | | | | | | | | | | | | | |
| 1 | 0 | 5696 | 2976 | 5 | 2830 | 78 | 5921 | 0 | 21857 | 779 | 33955 | 0 | 4960 |
| 2 | 5544 | 3376 | 0 | 0 | 14605 | 232 | 20137 | 0 | 10403 | 672 | 14400 | 0 | 36868 |
| 3 | 0 | 6899 | 0 | 0 | 12853 | 0 | 19209 | 0 | 8119 | 328 | 23614 | 0 | 47595 |
| 4 | 0 | 12386 | 0 | 0 | 5929 | 4154 | 17697 | 0 | 22456 | 194 | 22830 | 0 | 37426 |
| 5 | 0 | 0 | 0 | 0 | 0 | 1021 | 985 | 0 | 5775 | 0 | 84 | 0 | 38873 |
| 6 | 0 | 11702 | 0 | 0 | 0 | 2411 | 7026 | 0 | 8657 | 0 | 828 | 0 | 19929 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1363 | 0 | 0 | 0 | 1951 |
| 8 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 776 | 1177 | 6202 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | | | | | | | | | | | | | |
| 1 | 0 | 5339 | 2879 | 5 | 3049 | 214 | 5825 | 0 | 20992 | 856 | 33105 | 0 | 5551 |
| 2 | 5683 | 3874 | 0 | 0 | 14873 | 135 | 21079 | 0 | 9088 | 631 | 11547 | 0 | 37411 |
| 3 | 0 | 5336 | 0 | 0 | 11117 | 44 | 15112 | 0 | 12256 | 496 | 19060 | 0 | 55519 |
| 4 | 0 | 19224 | 745 | 0 | 3891 | 4509 | 17807 | 0 | 29029 | 221 | 15269 | 0 | 33674 |
| 5 | 0 | 5299 | 0 | 0 | 0 | 1588 | 4666 | 0 | 7808 | 0 | 84 | 0 | 23340 |
| 6 | 0 | 2661 | 0 | 0 | 0 | 1285 | 3743 | 0 | 3656 | 0 | 1164 | 0 | 6947 |
| 7 | 0 | 0 | 0 | 0 | 0 | 190 | 783 | 0 | 0 | 0 | 0 | 0 | 315 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6997 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | | | | | | | | | | | | | |
| 1 | 0 | 5700 | 2907 | 5 | 4718 | 216 | 7792 | 0 | 22298 | 779 | 34444 | 0 | 10235 |
| 2 | 5785 | 3370 | 0 | 0 | 15102 | 230 | 21188 | 0 | 10376 | 738 | 12954 | 0 | 36740 |
| 3 | 0 | 6901 | 0 | 0 | 11051 | 0 | 14238 | 0 | 13738 | 328 | 23620 | 0 | 59392 |
| 4 | 0 | 22853 | 0 | 0 | 2935 | 5417 | 21560 | 0 | 22893 | 193 | 17889 | 0 | 28961 |
| 5 | 0 | 0 | 0 | 0 | 0 | 1011 | 975 | 0 | 7618 | 0 | 84 | 0 | 37440 |
| 6 | 0 | 1894 | 0 | 0 | 0 | 1281 | 3732 | 0 | 3626 | 0 | 828 | 0 | 6890 |
| 7 | 0 | 0 | 0 | 0 | 0 | 195 | 807 | 0 | 0 | 0 | 0 | 0 | 321 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6986 | 0 | 0 | 0 | 0 | 0 |

TABLE 6.4 (CONTINUED)

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|-------------------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | |
| 1 | 0 | 12266 | 2907 | 5 | 2792 | 0 | 5868 | 0 | 22258 | 763 | 33937 | 0 | 5002 |
| 2 | 5785 | 3448 | 0 | 0 | 14341 | 219 | 19535 | 0 | 10459 | 704 | 15500 | 0 | 36907 |
| 3 | 0 | 5293 | 0 | 0 | 12748 | 149 | 18996 | 0 | 8066 | 497 | 20149 | 0 | 48758 |
| 4 | 0 | 8840 | 691 | 0 | 6301 | 3957 | 17172 | 0 | 27537 | 220 | 20893 | 0 | 37965 |
| 5 | 0 | 0 | 0 | 0 | 0 | 1031 | 991 | 0 | 7618 | 0 | 278 | 0 | 37865 |
| 6 | 0 | 12727 | 0 | 0 | 0 | 2418 | 7045 | 0 | 8657 | 0 | 1169 | 0 | 20016 |
| 7 | 0 | 0 | 0 | 0 | 0 | 191 | 787 | 0 | 0 | 0 | 0 | 0 | 316 |
| 8 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 778 | 1180 | 6209 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | |
| 1 | 0 | 4345 | 450 | 0 | 2733 | 0 | 5863 | 0 | 22175 | 764 | 40855 | 0 | 4371 |
| 2 | 0 | 5690 | 0 | 0 | 13987 | 328 | 18566 | 0 | 6609 | 25 | 19674 | 0 | 39003 |
| 3 | 0 | 9525 | 0 | 0 | 11657 | 0 | 16115 | 0 | 15844 | 0 | 27274 | 0 | 48511 |
| 4 | 2587 | 9377 | 572 | 9 | 9538 | 2638 | 18476 | 0 | 20712 | 5749 | 26088 | 0 | 40658 |
| 5 | 0 | 0 | 0 | 0 | 0 | 1070 | 989 | 0 | 8431 | 0 | 2376 | 0 | 39253 |
| 6 | 3662 | 18228 | 0 | 0 | 0 | 3971 | 14313 | 0 | 8284 | 311 | 1231 | 0 | 14051 |
| 7 | 0 | 0 | 0 | 0 | 0 | 195 | 805 | 0 | 0 | 0 | 0 | 0 | 323 |
| 8 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 774 | 1173 | 6206 | 0 | 0 | 0 | 0 | 4862 |
| SOIL LOSS: | | | | | | | | | | | | | |
| 1 | 0 | 19921 | 1087 | 5 | 2799 | 0 | 5863 | 0 | 22272 | 210 | 34943 | 0 | 5317 |
| 2 | 11792 | 3874 | 0 | 0 | 14348 | 112 | 19589 | 0 | 10690 | 2162 | 11602 | 0 | 34468 |
| 3 | 0 | 2907 | 0 | 0 | 12129 | 184 | 17375 | 0 | 9611 | 1171 | 18351 | 0 | 53157 |
| 4 | 0 | 0 | 1092 | 0 | 7280 | 3870 | 19316 | 0 | 30339 | 221 | 19597 | 0 | 34824 |
| 5 | 0 | 211 | 0 | 0 | 0 | 1138 | 304 | 0 | 6373 | 0 | 487 | 0 | 39188 |
| 6 | 0 | 16532 | 0 | 0 | 0 | 2423 | 7058 | 0 | 7460 | 0 | 0 | 0 | 20037 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1398 | 0 | 0 | 0 | 1994 |
| 8 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 887 | 0 | 6209 | 0 | 0 | 0 | 0 | 0 |

TABLE 6.5 IRRIGATED CROP PRODUCTION (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN KANSAS

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TOSN | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|----------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| TREND: | | | | | | | | | | | | | |
| 10 | 2251 | 9982 | 0 | 0 | 158 | 0 | 0 | 0 | 2110 | 50015 | 0 | 524 | 621 |
| 11 | 0 | 80 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 104 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 87 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | | | | | | | | | | | | | |
| 10 | 2251 | 15914 | 0 | 0 | 159 | 0 | 0 | 0 | 2110 | 50055 | 0 | 524 | 621 |
| 11 | 0 | 49 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 |
| 12 | 0 | 83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 104 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 84 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | | | | | | | | | | | | | |
| 10 | 1397 | 205 | 0 | 0 | 161 | 0 | 0 | 0 | 1105 | 50080 | 0 | 303 | 0 |
| 11 | 0 | 82 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 100 | 66 | 0 | 0 | 4 | 0 | 0 | 0 | 25 | 0 | 0 | 0 | 0 |
| 13 | 0 | 105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 82 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | | | | | | | | | | | | | |
| 10 | 2251 | 15914 | 0 | 0 | 159 | 0 | 0 | 0 | 2110 | 50139 | 0 | 524 | 621 |
| 11 | 0 | 49 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 |
| 12 | 0 | 83 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 104 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 786 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE 6.5 (CONTINUED)

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|-------------------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | |
| 10 | 2251 | 537 | 0 | 0 | 158 | 0 | 0 | 0 | 2110 | 49995 | 0 | 524 | 621 |
| 11 | 0 | 80 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 105 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 887 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | |
| 10 | 854 | 15985 | 28 | 0 | 37 | 0 | 0 | 0 | 1005 | 51520 | 0 | 221 | 621 |
| 11 | 70 | 82 | 0 | 0 | 0 | 0 | 0 | 0 | 631 | 0 | 0 | 167 | 53 |
| 12 | 0 | 52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 104 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 264 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOIL LOSS: | | | | | | | | | | | | | |
| 10 | 2251 | 397 | 28 | 0 | 158 | 0 | 0 | 0 | 2110 | 49963 | 0 | 524 | 621 |
| 11 | 0 | 82 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 104 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 871 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |

TABLE 6.6 QUANTITIES OF CROP COMMODITIES PRODUCED (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN KANSAS

| | | UNIT | PRODUCED | INTER | CONSUMED | NET EXPORT |
|--------------------|----------|-------|----------|--------|----------|------------|
| TREND: | CORN | BU | 48828 | 14418 | 5423 | 28987 |
| | SORGHUM | BU | 86906 | 57578 | 119 | 29209 |
| | BARLEY | BU | 8036 | 779 | 1719 | 5538 |
| | OATS | BU | 71661 | 20451 | 875 | 50335 |
| | WHEAT | BU | 188264 | 300 | 6525 | 181439 |
| | SOYBEANS | BU | 90,916 | 28,560 | 3,969 | 58,589 |
| | COTTON | BALES | 5 | 0 | 61 | -56 |
| PRIME LANDS: | CORN | BU | 56210 | 14418 | 5423 | 36369 |
| | SORGHUM | BU | 80740 | 57578 | 119 | 23043 |
| | BARLEY | BU | 7794 | 779 | 1719 | 5296 |
| | OATS | BU | 72151 | 20451 | 875 | 50825 |
| | WHEAT | BU | 188224 | 300 | 6525 | 181398 |
| | SOYBEANS | BU | 95,742 | 28,560 | 3,969 | 63,214 |
| | COTTON | BALES | 5 | 0 | 61 | -56 |
| FRAGILE: | CORN | BU | 42190 | 14418 | 5423 | 22349 |
| | SORGHUM | BU | 84192 | 57578 | 119 | 26496 |
| | BARLEY | BU | 7380 | 779 | 1719 | 4882 |
| | OATS | BU | 69015 | 20451 | 875 | 47688 |
| | WHEAT | BU | 162856 | 300 | 6525 | 156030 |
| | SOYBEANS | BU | 83,261 | 26,560 | 3,969 | 50,732 |
| | COTTON | BALES | 5 | 0 | 61 | -56 |
| PRIME- FRAGILE: | CORN | BU | 56868 | 14418 | 5423 | 37027 |
| | SORGHUM | BU | 82659 | 57578 | 119 | 24962 |
| | BARLEY | BU | 8036 | 779 | 1719 | 5538 |
| | OATS | BU | 70292 | 20451 | 875 | 48965 |
| | WHEAT | BU | 180600 | 300 | 6525 | 173774 |
| | SOYBEANS | BU | 89,852 | 28,560 | 3,969 | 57,323 |
| | COTTON | BALES | 5 | 0 | 61 | -56 |
| ENV. CORR. | CORN | BU | 43368 | 14418 | 5423 | 23527 |
| | SORGHUM | BU | 86704 | 57578 | 119 | 29008 |
| | BARLEY | BU | 8036 | 779 | 1719 | 5538 |
| | OATS | BU | 71575 | 20451 | 875 | 50249 |
| | WHEAT | BU | 187449 | 300 | 6525 | 180623 |
| | SOYBEANS | BU | 91,958 | 28,560 | 3,969 | 59,429 |
| | COTTON | BALES | 5 | 0 | 61 | -56 |
| HIGH EXPORT: | CORN | BU | 63401 | 14418 | 5423 | 43559 |
| | SORGHUM | BU | 83690 | 57578 | 119 | 25993 |
| | BARLEY | BU | 7173 | 779 | 1719 | 4675 |
| | OATS | BU | 76300 | 20451 | 875 | 54974 |
| | WHEAT | BU | 191706 | 300 | 6525 | 184881 |
| | SOYBEANS | BU | 117,554 | 28,560 | 3,969 | 85,025 |
| | COTTON | BALES | 9 | 0 | 61 | -56 |
| SOIL LOSS: | CORN | BU | 44085 | 14418 | 5423 | 24244 |
| | SORGHUM | BU | 90254 | 57578 | 119 | 32557 |
| | BARLEY | BU | 14043 | 779 | 1719 | 11545 |
| | OATS | BU | 69504 | 20451 | 875 | 48177 |
| | WHEAT | BU | 189605 | 300 | 6525 | 182780 |
| | SOYBEANS | BU | 85,011 | 28,560 | 3,969 | 52,482 |
| | COTTON | BALES | 5 | 0 | 61 | -56 |

TABLE 6.7 RESOURCE USE IN CROP PRODUCTION (THOUSANDS OF DOLLARS) UNDER ALTERNATIVE FUTURES IN KANSAS

| TREND: | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|------------|--------|--------|-------|-------|----------|--------|-------|
| BARLEY | 969 | 760 | 535 | 62 | 533 | 4066 | 134 |
| CORN G | 8383 | 9824 | 2938 | 11919 | 2325 | 20779 | 1248 |
| CORN S | 5094 | 6 | 3506 | 2426 | 1363 | 16519 | 949 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 181426 | 5449 | 81491 | 2188 | 24864 | 431714 | 34752 |
| HAY N | 22945 | 0 | 18097 | 9894 | 7438 | 96699 | 8053 |
| S FALLOW | 10996 | 0 | 485 | 26 | 0 | 2228 | 0 |
| OATS | 25068 | 0 | 5146 | 832 | 9494 | 42643 | 925 |
| SDRG G | 25276 | 1271 | 7520 | 39879 | 4801 | 66526 | 2139 |
| SDRG S | 98657 | 151740 | 44792 | 1615 | 8628 | 150827 | 5607 |
| SOYBEANS | 45145 | 0 | 10499 | 84595 | 21113 | 109435 | 2402 |
| SUGAR BEET | 660 | 1690 | 1186 | 0 | 148 | 1431 | 88 |
| WHEAT | 98277 | 357 | 16000 | 34496 | 24834 | 125804 | 3768 |

PRIME LANDS:

| | | | | | | | |
|------------|--------|--------|-------|-------|-------|--------|-------|
| BARLEY | 544 | 735 | 522 | 62 | 533 | 3963 | 134 |
| CORN G | 7159 | 10703 | 3011 | 10969 | 2369 | 21011 | 1256 |
| CORN S | 4316 | 6 | 3149 | 1221 | 1255 | 15065 | 823 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 163393 | 5389 | 81697 | 3969 | 25097 | 433838 | 34891 |
| HAY N | 19047 | 0 | 18006 | 5370 | 7379 | 96411 | 7957 |
| S FALLOW | 9381 | 0 | 499 | 0 | 0 | 2292 | 0 |
| OATS | 22049 | 0 | 5209 | 1497 | 9547 | 43105 | 934 |
| SDRG G | 20701 | 1225 | 7345 | 38894 | 4796 | 65008 | 2084 |
| SDRG S | 92477 | 147055 | 45310 | 1577 | 8697 | 151819 | 5666 |
| SOYBEANS | 30715 | 0 | 11602 | 50333 | 22905 | 120889 | 2609 |
| SUGAR BEET | 617 | 128 | 1186 | 0 | 148 | 1431 | 88 |
| WHEAT | 85671 | 335 | 15821 | 21445 | 24444 | 124629 | 3719 |

FRAGILE:

| | | | | | | | |
|------------|--------|--------|-------|-------|-------|--------|-------|
| BARLEY | 1211 | 628 | 528 | 93 | 535 | 4059 | 134 |
| CORN G | 8227 | 5533 | 2884 | 12600 | 2285 | 21279 | 1240 |
| CORN S | 5715 | 6 | 3492 | 2397 | 1356 | 16445 | 947 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 223056 | 6796 | 75287 | 6888 | 23725 | 401614 | 32371 |
| HAY N | 40261 | 2 | 17343 | 5975 | 6871 | 94082 | 7582 |
| S FALLOW | 12492 | 0 | 383 | 25 | 0 | 1765 | 0 |
| OATS | 30821 | 0 | 4706 | 1842 | 8365 | 38734 | 849 |
| SDRG G | 31796 | 1019 | 7377 | 39600 | 5026 | 65385 | 2091 |
| SDRG S | 116168 | 153612 | 44806 | 1701 | 8638 | 150950 | 5624 |
| SOYBEANS | 39260 | 0 | 10369 | 63476 | 20221 | 107985 | 2349 |
| SUGAR BEET | 792 | 1673 | 1219 | 0 | 154 | 1470 | 88 |
| WHEAT | 116438 | 0 | 13382 | 28383 | 22161 | 105800 | 3142 |

PRIME FRAGILE:

| | | | | | | | |
|------------|--------|--------|-------|-------|-------|--------|-------|
| BARLEY | 687 | 699 | 535 | 91 | 533 | 4066 | 134 |
| CORN G | 7674 | 10524 | 3027 | 11357 | 2369 | 21134 | 1256 |
| CORN S | 4596 | 6 | 3076 | 1192 | 1226 | 14715 | 804 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 172554 | 5060 | 76485 | 6366 | 23633 | 406827 | 32853 |
| HAY N | 25387 | 0 | 17244 | 4034 | 6926 | 92749 | 7541 |
| S FALLOW | 11238 | 0 | 442 | 0 | 0 | 2026 | 0 |
| OATS | 23266 | 0 | 4785 | 2131 | 8643 | 39491 | 862 |
| SDRG G | 22910 | 1170 | 7427 | 39031 | 4969 | 65743 | 2105 |
| SDRG S | 94586 | 142773 | 45372 | 1657 | 8698 | 152131 | 5668 |
| SOYBEANS | 32096 | 0 | 11041 | 43518 | 21775 | 114842 | 2451 |
| SUGAR BEET | 633 | 1556 | 1186 | 0 | 148 | 1431 | 88 |
| WHEAT | 94256 | 331 | 14862 | 17764 | 23270 | 117286 | 3467 |

TABLE 6.7 (CONTINUED)

| | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|-------------------------|--------|--------|-------|-------|----------|--------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| BARLEY | 957 | 761 | 535 | 62 | 533 | 4066 | 134 |
| CORN G | 8345 | 5478 | 2836 | 12348 | 2283 | 20907 | 1235 |
| CORN S | 5080 | 6 | 3489 | 2379 | 1358 | 16451 | 943 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 180832 | 5449 | 81444 | 2736 | 24850 | 431454 | 34732 |
| HAY N | 22755 | 0 | 18038 | 10804 | 7412 | 96350 | 8018 |
| S FALLOW | 10962 | 0 | 485 | 26 | 0 | 2228 | 0 |
| DATS | 24998 | 0 | 5140 | 1068 | 9483 | 42595 | 924 |
| SDRG G | 25159 | 1272 | 7514 | 39851 | 4799 | 66475 | 2137 |
| SDRG S | 98459 | 152039 | 44818 | 1617 | 8632 | 150900 | 5611 |
| SOYBEANS | 35293 | 0 | 10782 | 92995 | 21578 | 112394 | 2458 |
| SUGAR BEET | 659 | 1691 | 1186 | 0 | 148 | 1431 | 88 |
| WHEAT | 97708 | 357 | 15886 | 37206 | 24770 | 124993 | 3740 |

HIGH EXPORT:

| | | | | | | | |
|------------|--------|--------|-------|--------|-------|--------|-------|
| BARLEY | 2676 | 2041 | 571 | 59128 | 567 | 4170 | 139 |
| CORN G | 29216 | 18349 | 3461 | 41540 | 2963 | 23724 | 1550 |
| CORN S | 4588 | 25 | 911 | 867 | 311 | 4097 | 255 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 447902 | 89 | 84040 | 2503 | 25232 | 446884 | 35867 |
| HAY N | 94584 | 0 | 18912 | 30465 | 7842 | 101423 | 8464 |
| S FALLOW | 27230 | 0 | 446 | 47 | 0 | 1998 | 0 |
| DATS | 70010 | 0 | 5529 | 1093 | 10236 | 45849 | 988 |
| SDRG G | 86640 | 3000 | 7893 | 212490 | 4810 | 69301 | 2155 |
| SDRG S | 229780 | 217009 | 50982 | 6407 | 9761 | 179335 | 6561 |
| SOYBEANS | 173542 | 0 | 14991 | 222445 | 31044 | 156301 | 3573 |
| SUGAR BEET | 931 | 2469 | 1222 | 0 | 124 | 1474 | 88 |
| WHEAT | 273207 | 2520 | 17570 | 71885 | 25344 | 136687 | 4023 |

SOIL LOSS:

| | | | | | | | |
|------------|--------|--------|-------|-------|-------|--------|-------|
| BARLEY | 2560 | 783 | 1000 | 117 | 990 | 7821 | 252 |
| CORN G | 11051 | 5200 | 2736 | 10762 | 2265 | 19957 | 1228 |
| CORN S | 3005 | 42 | 1943 | 2177 | 691 | 8836 | 550 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 203684 | 5510 | 82097 | 1169 | 25044 | 435226 | 35002 |
| HAY N | 26701 | 0 | 18596 | 8765 | 7455 | 99357 | 8043 |
| S FALLOW | 13953 | 0 | 500 | 33 | 0 | 2293 | 0 |
| DATS | 28598 | 0 | 4773 | 276 | 9165 | 39586 | 846 |
| SDRG G | 30513 | 1315 | 7766 | 40895 | 4867 | 58727 | 2184 |
| SDRG S | 106463 | 154790 | 47005 | 2159 | 9004 | 162359 | 6003 |
| SOYBEANS | 40540 | 0 | 9415 | 89565 | 19699 | 97935 | 2223 |
| SUGAR BEET | 720 | 1750 | 1186 | 0 | 148 | 1431 | 88 |
| WHEAT | 113463 | 382 | 16177 | 32907 | 24745 | 127373 | 3785 |

TABLE 6.8. QUANTITY OF WATER (THOUSANDS OF ACRE FEET) USED FOR IRRIGATION UNDER SEVEN ALTERNATIVE FUTURES IN KANSAS

| ALTERNATIVE FUTURE | QUANTITY OF WATER |
|------------------------|-------------------|
| TREND | 3,700 |
| PRIME | 3,830 |
| FRAGILE | 3,642 |
| PRIME-FRAGILE | 3,830 |
| ENVIRONMENTAL CORRIDOR | 3,620 |
| HIGH EXPORT | 3,742 |
| SOIL LOSS | 3,582 |

CHAPTER 7. MICHIGAN

Note: There are no tables 3, 5, and 8 in this chapter because irrigation activity is not defined in the model for this geographical area.

TABLE 7.1 LAND USE (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN MICHIGAN

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXOG USED | TOT USED |
|-----------------------|-----------|---------|---------|----------|----------|-----------|----------|
| TREND: | | | | | | | |
| LC 1-0 | 729 | 596 | 0 | 723 | 0 | 6 | 729 |
| LC 2-0 | 1763 | 0 | 0 | 1622 | 0 | 141 | 1763 |
| LC 3-0 | 3412 | 0 | 0 | 3042 | 0 | 370 | 3412 |
| LC 4-0 | 860 | 0 | 0 | 786 | 0 | 75 | 860 |
| LC 5-0 | 1893 | 0 | 0 | 1678 | 0 | 215 | 1893 |
| LC 6-0 | 236 | 0 | 0 | 211 | 0 | 24 | 236 |
| LC 7-0 | 471 | 0 | 0 | 0 | 0 | 86 | 471 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 296 | 0 | 0 | 0 | 0 | 0 | 296 |
| LC 1-1 | 0 | 0 | 0 | 0 | 0 | 31 | 31 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST D | 3701 | -310 | 0 | 3701 | 0 | 0 | 3701 |
| PAST I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 8657 | 596 | 0 | 7850 | 0 | 807 | 8657 |
| LC 6 TO 9 | 1002 | 0 | 0 | 211 | 0 | 141 | 353 |
| TOT CRPLND | 9659 | 596 | 0 | 8061 | 0 | 949 | 9010 |
| PRIME LANDS: | | | | | | | |
| LC 1-0 | 688 | 549 | 0 | 681 | 0 | 6 | 688 |
| LC 2-0 | 1842 | 0 | 0 | 1701 | 0 | 141 | 1842 |
| LC 3-0 | 3581 | 0 | 0 | 3211 | 0 | 370 | 3581 |
| LC 4-0 | 816 | 0 | 0 | 741 | 0 | 75 | 816 |
| LC 5-0 | 1783 | 0 | 0 | 1562 | 0 | 215 | 1777 |
| LC 6-0 | 223 | 0 | 0 | 176 | 0 | 24 | 200 |
| LC 7-0 | 447 | 0 | 0 | 0 | 0 | 86 | 447 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 282 | 0 | 0 | 0 | 0 | 0 | 282 |
| LC 1-1 | 0 | 0 | 0 | 0 | 0 | 31 | 31 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST D | 3740 | -265 | 0 | 3740 | 0 | 0 | 3740 |
| PAST I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 8710 | 549 | 0 | 7897 | 0 | 807 | 8704 |
| LC 6 TO 9 | 952 | 0 | 0 | 176 | 0 | 141 | 317 |
| TOT CRPLND | 9662 | 549 | 0 | 8073 | 0 | 949 | 9022 |
| FRAGILE: | | | | | | | |
| LC 1-0 | 729 | 596 | 0 | 723 | 0 | 6 | 729 |
| LC 2-0 | 1762 | 0 | 0 | 1621 | 0 | 141 | 1762 |
| LC 3-0 | 3410 | 0 | 0 | 3040 | 0 | 370 | 3410 |
| LC 4-0 | 860 | 0 | 0 | 785 | 0 | 75 | 860 |
| LC 5-0 | 1891 | 0 | 0 | 1675 | 0 | 215 | 1890 |
| LC 6-0 | 208 | 0 | 0 | 155 | 0 | 24 | 179 |
| LC 7-0 | 470 | 0 | 0 | 0 | 0 | 86 | 470 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 31 | 0 | 0 | 0 | 0 | 31 | 31 |
| LC 1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST D | 3975 | -310 | 0 | 3975 | 0 | 0 | 3975 |
| PAST I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 8653 | 596 | 0 | 7845 | 0 | 807 | 8652 |
| LC 6 TO 9 | 709 | 0 | 0 | 155 | 0 | 141 | 296 |
| TOT CRPLND | 9362 | 596 | 0 | 7999 | 0 | 949 | 8948 |
| PRIME-FRAGILE: | | | | | | | |
| LC 1-0 | 735 | 596 | 0 | 729 | 0 | 6 | 735 |
| LC 2-0 | 1842 | 0 | 0 | 1701 | 0 | 141 | 1842 |
| LC 3-0 | 3581 | 0 | 0 | 3211 | 0 | 370 | 3581 |
| LC 4-0 | 813 | 0 | 0 | 738 | 0 | 75 | 813 |
| LC 5-0 | 1777 | 0 | 0 | 1479 | 0 | 215 | 1694 |
| LC 6-0 | 195 | 0 | 0 | 142 | 0 | 24 | 166 |
| LC 7-0 | 445 | 0 | 0 | 0 | 0 | 86 | 445 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 31 | 0 | 0 | 0 | 0 | 31 | 31 |
| LC 1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST D | 3967 | -310 | 0 | 3967 | 0 | 0 | 3967 |
| PAST I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 8749 | 596 | 0 | 7859 | 0 | 807 | 8666 |
| LC 6 TO 9 | 671 | 0 | 0 | 142 | 0 | 141 | 284 |
| TOT CRPLND | 9420 | 596 | 0 | 8001 | 0 | 949 | 8950 |

TABLE 7.1 (CONTINUED)

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXOG USED | TOT USED |
|--------------------------------|-----------|---------|---------|----------|----------|-----------|----------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| LC 1-D | 729 | 596 | 0 | 722 | 0 | 6 | 729 |
| LC 2-D | 1753 | 0 | 0 | 1612 | 0 | 141 | 1753 |
| LC 3-D | 3392 | 0 | 0 | 3022 | 0 | 370 | 3392 |
| LC 4-D | 856 | 0 | 0 | 781 | 0 | 75 | 856 |
| LC 5-D | 1882 | 0 | 0 | 1668 | 0 | 215 | 1882 |
| LC 6-D | 234 | 0 | 0 | 210 | 0 | 24 | 234 |
| LC 7-D | 468 | 0 | 0 | 0 | 0 | 86 | 468 |
| LC 8-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-D | 295 | 0 | 0 | 0 | 0 | 31 | 295 |
| LC 1-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST D | 3699 | -310 | 0 | 3699 | 0 | 0 | 3699 |
| PAST I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 8612 | 596 | 0 | 7805 | 0 | 807 | 8612 |
| LC 6 TO 9 | 997 | 0 | 0 | 210 | 0 | 141 | 352 |
| TOT CRPLND | 9609 | 596 | 0 | 8015 | 0 | 949 | 8964 |
| HIGH EXPORT: | | | | | | | |
| LC 1-D | 1002 | 869 | 0 | 996 | 0 | 6 | 1002 |
| LC 2-D | 1763 | 0 | 0 | 1622 | 0 | 141 | 1763 |
| LC 3-D | 3412 | 0 | 0 | 3042 | 0 | 370 | 3412 |
| LC 4-D | 860 | 0 | 0 | 786 | 0 | 75 | 860 |
| LC 5-D | 1893 | 0 | 0 | 1678 | 0 | 215 | 1893 |
| LC 6-D | 236 | 0 | 0 | 211 | 0 | 24 | 236 |
| LC 7-D | 471 | 0 | 0 | 384 | 0 | 86 | 471 |
| LC 8-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-D | 296 | 0 | 0 | 265 | 0 | 31 | 296 |
| LC 1-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST D | 3303 | -703 | 0 | 3303 | 0 | 0 | 3303 |
| PAST I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 8930 | 869 | 0 | 8123 | 0 | 807 | 8930 |
| LC 6 TO 9 | 1002 | 0 | 0 | 860 | 0 | 141 | 1002 |
| TOT CRPLND | 9932 | 869 | 0 | 8983 | 0 | 949 | 9932 |
| SOIL LOSS: | | | | | | | |
| LC 1-D | 729 | 596 | 0 | 723 | 0 | 6 | 729 |
| LC 2-D | 1763 | 0 | 0 | 1622 | 0 | 141 | 1763 |
| LC 3-D | 3412 | 0 | 0 | 3042 | 0 | 370 | 3412 |
| LC 4-D | 860 | 0 | 0 | 786 | 0 | 75 | 860 |
| LC 5-D | 1893 | 0 | 0 | 1666 | 0 | 215 | 1861 |
| LC 6-D | 236 | 0 | 0 | 181 | 0 | 24 | 205 |
| LC 7-D | 471 | 0 | 0 | 0 | 0 | 86 | 471 |
| LC 8-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-D | 295 | 0 | 0 | 0 | 0 | 31 | 295 |
| LC 1-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST D | 3701 | -310 | 0 | 3701 | 0 | 0 | 3701 |
| PAST I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 8657 | 596 | 0 | 7818 | 0 | 807 | 8625 |
| LC 6 TO 9 | 1002 | 0 | 0 | 181 | 0 | 141 | 322 |
| TOT CRPLND | 9659 | 596 | 0 | 7999 | 0 | 949 | 8943 |

TABLE 7.2 DRYLAND CROP ACREAGES (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN MICHIGAN

| TREND: | LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEAN | SGRBEET | WHEAT |
|----------------|------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|---------|---------|-------|
| TREND: | 1 | 0 | 92 | 1 | 0 | 0 | 469 | 0 | 0 | 0 | 0 | 0 | 52 | 5 | 29 |
| | 2 | 326 | 438 | 0 | 0 | 164 | 27 | 0 | 89 | 0 | 0 | 0 | 234 | 0 | 203 |
| | 3 | 0 | 1197 | 34 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 869 | 390 | 276 |
| | 4 | 0 | 134 | 0 | 0 | 219 | 68 | 0 | 0 | 0 | 0 | 0 | 96 | 0 | 39 |
| | 5 | 0 | 1097 | 72 | 0 | 16 | 9 | 0 | 166 | 0 | 0 | 0 | 26 | 0 | 119 |
| | 6 | 0 | 12 | 0 | 0 | 4 | 124 | 0 | 26 | 0 | 0 | 0 | 4 | 132 | 57 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | | | 3391 | | | | | |
| PRIME LANDS: | 1 | 0 | 78 | 1 | 0 | 0 | 469 | 0 | 0 | 0 | 0 | 0 | 39 | 5 | 29 |
| | 2 | 338 | 451 | 0 | 0 | 180 | 31 | 0 | 99 | 0 | 0 | 0 | 245 | 0 | 213 |
| | 3 | 0 | 1268 | 34 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 901 | 421 | 290 |
| | 4 | 0 | 125 | 0 | 0 | 203 | 79 | 0 | 0 | 0 | 0 | 0 | 91 | 0 | 32 |
| | 5 | 0 | 1040 | 72 | 0 | 16 | 9 | 0 | 146 | 0 | 0 | 0 | 47 | 111 | 111 |
| | 6 | 0 | 9 | 0 | 0 | 2 | 100 | 0 | 26 | 0 | 0 | 0 | 3 | 0 | 55 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | | | 3475 | | | | | |
| FRAGILE: | 1 | 0 | 92 | 1 | 0 | 98 | 347 | 0 | 24 | 0 | 0 | 0 | 52 | 5 | 29 |
| | 2 | 326 | 436 | 0 | 0 | 166 | 27 | 0 | 90 | 0 | 0 | 0 | 234 | 0 | 203 |
| | 3 | 0 | 1228 | 34 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 880 | 351 | 276 |
| | 4 | 0 | 147 | 0 | 0 | 219 | 51 | 0 | 0 | 0 | 0 | 0 | 96 | 6 | 45 |
| | 5 | 0 | 1022 | 72 | 0 | 16 | 8 | 0 | 157 | 0 | 0 | 0 | 65 | 151 | 144 |
| | 6 | 0 | 11 | 0 | 0 | 3 | 94 | 0 | 26 | 0 | 0 | 0 | 4 | 0 | 25 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | | | 3660 | | | | | |
| PRIME-FRAGILE: | 1 | 0 | 94 | 1 | 0 | 0 | 469 | 0 | 0 | 0 | 0 | 0 | 54 | 5 | 29 |
| | 2 | 338 | 455 | 0 | 0 | 178 | 27 | 0 | 97 | 0 | 0 | 0 | 245 | 0 | 216 |
| | 3 | 0 | 1237 | 34 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 917 | 436 | 290 |
| | 4 | 0 | 133 | 0 | 0 | 202 | 65 | 0 | 0 | 0 | 0 | 0 | 90 | 4 | 36 |
| | 5 | 0 | 997 | 72 | 0 | 16 | 9 | 0 | 142 | 0 | 0 | 0 | 46 | 91 | 91 |
| | 6 | 0 | 9 | 0 | 0 | 2 | 95 | 0 | 26 | 0 | 0 | 0 | 3 | 0 | 19 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | | | 3657 | | | | | |

TABLE 7.2 (CONTINUED)

| LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEANS | SGRBET | WHEAT |
|--------------------------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|----------|--------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | | |
| 1 | 0 | 91 | 1 | 0 | 0 | 469 | 0 | 0 | 0 | 0 | 0 | 52 | 5 | 29 |
| 2 | 321 | 434 | 0 | 0 | 166 | 29 | 0 | 90 | 0 | 0 | 0 | 232 | 0 | 202 |
| 3 | 0 | 1209 | 34 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 880 | 358 | 270 |
| 4 | 0 | 133 | 0 | 0 | 218 | 68 | 0 | 165 | 0 | 0 | 0 | 96 | 0 | 36 |
| 5 | 0 | 1063 | 72 | 0 | 16 | 9 | 0 | 26 | 0 | 0 | 0 | 40 | 150 | 118 |
| 6 | 0 | 11 | 0 | 0 | 4 | 124 | 0 | 4 | 0 | 0 | 0 | 4 | 0 | 57 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3389 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | | |
| 1 | 0 | 191 | 6 | 0 | 83 | 355 | 0 | 21 | 0 | 0 | 0 | 93 | 5 | 78 |
| 2 | 326 | 548 | 0 | 0 | 10 | 27 | 0 | 11 | 0 | 0 | 0 | 251 | 0 | 305 |
| 3 | 0 | 1324 | 34 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 833 | 303 | 276 |
| 4 | 0 | 184 | 0 | 0 | 219 | 3 | 0 | 132 | 0 | 0 | 0 | 96 | 25 | 63 |
| 5 | 0 | 1027 | 56 | 0 | 16 | 9 | 0 | 26 | 0 | 0 | 0 | 161 | 180 | 28 |
| 6 | 0 | 34 | 0 | 0 | 90 | 30 | 0 | 34 | 0 | 0 | 0 | 4 | 0 | 8 |
| 7 | 0 | 42 | 27 | 0 | 154 | 64 | 0 | 73 | 0 | 0 | 0 | 23 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 5 | 0 | 0 | 55 | 181 | 0 | 15 | 2595 | 0 | 0 | 0 | 0 | 0 |
| SOIL LOSS: | | | | | | | | | | | | | | |
| 1 | 0 | 92 | 1 | 0 | 27 | 436 | 0 | 7 | 0 | 0 | 0 | 52 | 5 | 29 |
| 2 | 325 | 444 | 0 | 0 | 151 | 27 | 0 | 82 | 0 | 0 | 0 | 234 | 0 | 222 |
| 3 | 0 | 1245 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 889 | 359 | 276 |
| 4 | 0 | 134 | 0 | 0 | 219 | 71 | 0 | 162 | 0 | 0 | 0 | 96 | 0 | 39 |
| 5 | 0 | 1012 | 11 | 0 | 16 | 14 | 0 | 27 | 0 | 0 | 0 | 120 | 118 | 52 |
| 6 | 0 | 3 | 0 | 0 | 23 | 126 | 0 | 14 | 0 | 0 | 0 | 6 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3391 | 0 | 0 | 0 | 0 | 0 |

TABLE 7.4 DRYLAND CROP PRODUCTION (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN MICHIGAN

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEAN BU | SGRBEET TONS | WHEAT BU |
|----------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|---------------|-----------------|-------------|
| TREND: | | | | | | | | | | | | | |
| 1 | 0 | 11605 | 13 | 0 | 0 | 1717 | 0 | 0 | 0 | 0 | 2274 | 120 | 1524 |
| 2 | 24004 | 53131 | 0 | 0 | 702 | 105 | 8297 | 0 | 0 | 0 | 11674 | 0 | 11612 |
| 3 | 0 | 158216 | 493 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 39941 | 9153 | 15216 |
| 4 | 0 | 12853 | 0 | 0 | 787 | 157 | 12494 | 0 | 0 | 0 | 3980 | 0 | 1856 |
| 5 | 0 | 112707 | 834 | 0 | 57 | 30 | 2586 | 0 | 0 | 0 | 1691 | 2445 | 4168 |
| 6 | 0 | 995 | 2 | 0 | 14 | 274 | 345 | 0 | 0 | 0 | 132 | 0 | 2080 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 733 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | | | | | | | | | | | | | |
| 1 | 0 | 9884 | 14 | 0 | 0 | 1717 | 0 | 0 | 0 | 0 | 1707 | 124 | 1543 |
| 2 | 24917 | 54279 | 0 | 0 | 735 | 118 | 8729 | 0 | 0 | 0 | 12014 | 0 | 12199 |
| 3 | 0 | 167606 | 491 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 41414 | 9832 | 15976 |
| 4 | 0 | 11936 | 0 | 0 | 719 | 194 | 10550 | 0 | 0 | 0 | 3758 | 0 | 1516 |
| 5 | 0 | 103390 | 834 | 0 | 57 | 29 | 2582 | 0 | 0 | 0 | 1559 | 2068 | 3890 |
| 6 | 0 | 768 | 6 | 0 | 8 | 226 | 204 | 0 | 0 | 0 | 97 | 0 | 2000 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 756 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | | | | | | | | | | | | | |
| 1 | 0 | 11603 | 13 | 0 | 424 | 1269 | 2869 | 0 | 0 | 0 | 2273 | 120 | 1524 |
| 2 | 23995 | 52980 | 0 | 0 | 707 | 105 | 8348 | 0 | 0 | 0 | 11656 | 0 | 11565 |
| 3 | 0 | 152371 | 493 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 40382 | 8271 | 15201 |
| 4 | 0 | 13810 | 0 | 0 | 786 | 118 | 11944 | 0 | 0 | 0 | 3977 | 121 | 2123 |
| 5 | 0 | 104856 | 834 | 0 | 57 | 26 | 2590 | 0 | 0 | 0 | 2308 | 2783 | 5156 |
| 6 | 0 | 942 | 2 | 0 | 10 | 213 | 718 | 0 | 0 | 0 | 118 | 0 | 921 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | -831 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | | | | | | | | | | | | | |
| 1 | 0 | 11870 | 14 | 0 | 0 | 1717 | 0 | 0 | 0 | 0 | 2341 | 124 | 1543 |
| 2 | 24917 | 54988 | 0 | 0 | 738 | 106 | 8764 | 0 | 0 | 0 | 12119 | 0 | 12339 |
| 3 | 0 | 163563 | 492 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 42123 | 10193 | 15976 |
| 4 | 0 | 12529 | 0 | 0 | 716 | 163 | 10283 | 0 | 0 | 0 | 3742 | 80 | 1687 |
| 5 | 0 | 99721 | 834 | 0 | 57 | 27 | 2582 | 0 | 0 | 0 | 1553 | 1704 | 3205 |
| 6 | 0 | 758 | 3 | 0 | 8 | 214 | 502 | 0 | 0 | 0 | 96 | 0 | 718 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 827 | 0 | 0 | 0 | 0 | 0 |

TABLE 7.4 (CONTINUED)

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|-------------------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | |
| 1 | 0 | 11575 | 13 | 0 | 0 | 1717 | 0 | 0 | 0 | 0 | 2266 | 119 | 1522 |
| 2 | 23581 | 52630 | 0 | 0 | 707 | 110 | 8383 | 0 | 0 | 0 | 11584 | 0 | 11515 |
| 3 | 0 | 159838 | 493 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 40387 | 8434 | 14916 |
| 4 | 0 | 12772 | 0 | 0 | 783 | 156 | 12436 | 0 | 0 | 0 | 3956 | 0 | 1840 |
| 5 | 0 | 109699 | 834 | 0 | 57 | 30 | 2586 | 0 | 0 | 0 | 1341 | 2772 | 4145 |
| 6 | 0 | 977 | 2 | 0 | 13 | 274 | 327 | 0 | 0 | 0 | 129 | 0 | 2076 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 738 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | |
| 1 | 0 | 24255 | 94 | 0 | 360 | 1337 | 2436 | 0 | 0 | 0 | 4111 | 120 | 4087 |
| 2 | 25205 | 56143 | 0 | 0 | 44 | 105 | 1217 | 0 | 0 | 0 | 12534 | 0 | 17303 |
| 3 | 0 | 175042 | 494 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 38192 | 7148 | 15216 |
| 4 | 0 | 16867 | 0 | 0 | 787 | 6 | 10311 | 0 | 0 | 0 | 4020 | 472 | 3035 |
| 5 | 0 | 108142 | 682 | 0 | 57 | 30 | 2588 | 0 | 0 | 0 | 5143 | 3494 | 1015 |
| 6 | 0 | 2856 | 0 | 0 | 278 | 57 | 2240 | 0 | 0 | 0 | 128 | 0 | 329 |
| 7 | 0 | 2490 | 180 | 0 | 324 | 82 | 2722 | 0 | 0 | 0 | 610 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 245 | 0 | 0 | 125 | 290 | 556 | 736 | 0 | 0 | 0 | 0 | 0 |
| SOIL LOSS: | | | | | | | | | | | | | |
| 1 | 0 | 11605 | 13 | 0 | 116 | 1594 | 787 | 0 | 0 | 0 | 2274 | 120 | 1524 |
| 2 | 25205 | 53807 | 0 | 0 | 644 | 106 | 7614 | 0 | 0 | 0 | 11672 | 0 | 12679 |
| 3 | 0 | 164654 | 2 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 40800 | 8476 | 15216 |
| 4 | 0 | 13082 | 0 | 0 | 787 | 164 | 12242 | 0 | 0 | 0 | 4020 | 0 | 1985 |
| 5 | 0 | 109100 | 1208 | 0 | 57 | 39 | 2645 | 0 | 0 | 0 | 3839 | 2254 | 1926 |
| 6 | 0 | 673 | 0 | 0 | 74 | 268 | 343 | 0 | 0 | 0 | 208 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 739 | 0 | 0 | 0 | 0 | 0 |

TABLE 7.6 QUANTITIES OF CROP COMMODITIES PRODUCED (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN MICHIGAN

| | | UNIT | PRODUCED | INTER | CONSUMED | NET EXPORT |
|----------------|----------|-------|----------|--------|----------|------------|
| TREND: | CORN | BU | 349508 | 170854 | 31326 | 147328 |
| | SORGHUM | BU | 0 | 4381 | 764 | -5145 |
| | BARLEY | BU | 24004 | 1544 | 10874 | 11586 |
| | OATS | BU | 23722 | 1506 | 5180 | 17037 |
| | WHEAT | BU | 36455 | 973 | 34756 | 727 |
| | SOYBEANS | BU | 59,692 | 30,375 | 26,235 | 3,082 |
| | COTTON | BALES | 0 | 0 | 324 | -324 |
| PRIME LANDS: | CORN | BU | 347863 | 170854 | 31326 | 145684 |
| | SORGHUM | BU | 0 | 4381 | 764 | -5145 |
| | BARLEY | BU | 24917 | 1544 | 10874 | 12498 |
| | OATS | BU | 22066 | 1506 | 5180 | 15481 |
| | WHEAT | BU | 37124 | 973 | 34756 | 1396 |
| | SOYBEANS | BU | 60,549 | 30,375 | 26,235 | 3,939 |
| | COTTON | BALES | 0 | 0 | 324 | -324 |
| FRAGILE: | CORN | BU | 346562 | 170854 | 31326 | 144383 |
| | SORGHUM | BU | 0 | 4381 | 764 | -5145 |
| | BARLEY | BU | 23995 | 1544 | 10874 | 11577 |
| | OATS | BU | 26468 | 1506 | 5180 | 19783 |
| | WHEAT | BU | 36492 | 973 | 34756 | 763 |
| | SOYBEANS | BU | 60,715 | 30,375 | 26,235 | 4,105 |
| | COTTON | BALES | 0 | 0 | 324 | -324 |
| PRIME-FRAGILE: | CORN | BU | 343428 | 170854 | 31326 | 141249 |
| | SORGHUM | BU | 0 | 4381 | 764 | -5145 |
| | BARLEY | BU | 24917 | 1544 | 10874 | 12498 |
| | OATS | BU | 22132 | 1506 | 5180 | 15446 |
| | WHEAT | BU | 35468 | 973 | 34756 | -260 |
| | SOYBEANS | BU | 61,973 | 30,375 | 26,235 | 5,363 |
| | COTTON | BALES | 0 | 0 | 324 | -324 |
| ENV. CORR. | CORN | BU | 347492 | 170854 | 31326 | 145312 |
| | SORGHUM | BU | 0 | 4381 | 764 | -5145 |
| | BARLEY | BU | 23681 | 1544 | 10874 | 11262 |
| | OATS | BU | 23732 | 1506 | 5180 | 17046 |
| | WHEAT | BU | 36013 | 973 | 34756 | 285 |
| | SOYBEANS | BU | 59,663 | 30,375 | 26,235 | 3,053 |
| | COTTON | BALES | 0 | 0 | 324 | -324 |
| HIGH EXPORT: | CORN | BU | 396041 | 170854 | 31326 | 193861 |
| | SORGHUM | BU | 0 | 4381 | 764 | -5145 |
| | BARLEY | BU | 25206 | 1544 | 10874 | 12788 |
| | OATS | BU | 22070 | 1506 | 5180 | 15385 |
| | WHEAT | BU | 40983 | 973 | 34756 | 5255 |
| | SOYBEANS | BU | 64,737 | 30,375 | 26,235 | 8,127 |
| | COTTON | BALES | 0 | 0 | 324 | -324 |
| SOIL LOSS: | CORN | BU | 352921 | 170854 | 31326 | 150742 |
| | SORGHUM | BU | 0 | 4381 | 764 | -5145 |
| | BARLEY | BU | 25206 | 1544 | 10874 | 12788 |
| | OATS | BU | 24230 | 1506 | 5180 | 17544 |
| | WHEAT | BU | 33331 | 973 | 34756 | -2397 |
| | SOYBEANS | BU | 62,813 | 30,375 | 26,235 | 6,201 |
| | COTTON | BALES | 0 | 0 | 324 | -324 |

TABLE 7.7 RESOURCE USE IN CROP PRODUCTION (THOUSANDS OF DOLLARS) UNDER ALTERNATIVE FUTURES IN MICHIGAN

| | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|------------|-------|-------|-------|-------|----------|--------|-------|
| TREND: | | | | | | | |
| BARLEY | 5207 | 0 | 1811 | 2466 | 1290 | 9616 | 414 |
| CORN G | 80733 | 0 | 20209 | 35157 | 22464 | 137078 | 7634 |
| CORN S | 2876 | 0 | 1663 | 241 | 713 | 7171 | 493 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 10660 | 0 | 2826 | 3715 | 5078 | 16493 | 2636 |
| HAY N | 6957 | 0 | 2412 | 909 | 3336 | 14491 | 2045 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 5309 | 0 | 1572 | 1879 | 1617 | 8049 | 314 |
| SORG G | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 36164 | 0 | 5937 | 11233 | 8679 | 50470 | 1394 |
| SUGAR BEET | 17778 | 0 | 34483 | 10735 | 12766 | 27782 | 3082 |
| WHEAT | 17815 | 0 | 3380 | 4029 | 5129 | 18135 | 712 |

PRIME LANDS:

| | | | | | | | |
|------------|-------|---|-------|-------|-------|--------|------|
| BARLEY | 4435 | 0 | 1880 | 2560 | 1339 | 9982 | 430 |
| CORN G | 72825 | 0 | 19877 | 35358 | 22651 | 134796 | 7662 |
| CORN S | 2439 | 0 | 1663 | 241 | 713 | 7171 | 493 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 9018 | 0 | 2616 | 3560 | 4958 | 15232 | 2534 |
| HAY N | 6313 | 0 | 2568 | 876 | 3489 | 15518 | 2171 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 4494 | 0 | 1457 | 1789 | 1433 | 7420 | 303 |
| SORG G | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 33201 | 0 | 6025 | 11450 | 8831 | 51203 | 1419 |
| SUGAR BEET | 17348 | 0 | 34780 | 10735 | 12766 | 28019 | 3082 |
| WHEAT | 16124 | 0 | 3420 | 4063 | 5183 | 18342 | 718 |

FRAGILE:

| | | | | | | | |
|------------|-------|---|-------|-------|-------|--------|------|
| BARLEY | 5647 | 0 | 1810 | 2465 | 1289 | 9613 | 414 |
| CORN G | 81639 | 0 | 20040 | 34899 | 22195 | 135890 | 7573 |
| CORN S | 2872 | 0 | 1663 | 241 | 713 | 7171 | 493 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 11863 | 0 | 2986 | 3960 | 5309 | 17472 | 2002 |
| HAY N | 5433 | 0 | 1927 | 550 | 2635 | 11614 | 1605 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 5757 | 0 | 1635 | 1968 | 1830 | 8410 | 325 |
| SORG G | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 36884 | 0 | 5978 | 11317 | 8756 | 50819 | 1404 |
| SUGAR BEET | 15277 | 0 | 34071 | 10735 | 12766 | 27454 | 3082 |
| WHEAT | 18300 | 0 | 3377 | 4029 | 5121 | 18119 | 711 |

PRIME FRAGILE:

| | | | | | | | |
|------------|-------|---|-------|-------|-------|--------|------|
| BARLEY | 4656 | 0 | 1880 | 2560 | 1339 | 9982 | 430 |
| CORN G | 73358 | 0 | 19532 | 34651 | 22225 | 132632 | 7567 |
| CORN S | 2474 | 0 | 1663 | 241 | 713 | 7171 | 493 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 9164 | 0 | 2634 | 3529 | 4914 | 15333 | 2512 |
| HAY N | 5776 | 0 | 2511 | 487 | 3315 | 15177 | 2077 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 4422 | 0 | 1475 | 1783 | 1441 | 7507 | 302 |
| SORG G | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 34606 | 0 | 6158 | 11684 | 8996 | 52331 | 1448 |
| SUGAR BEET | 18182 | 0 | 34862 | 10735 | 12766 | 28085 | 3082 |
| WHEAT | 16278 | 0 | 3202 | 3776 | 4829 | 17179 | 668 |

TABLE 7.7 (CONTINUED)

| | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|-------------------------|--------|-------|-------|-------|----------|--------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| BARLEY | 5111 | 0 | 1786 | 2433 | 1273 | 9487 | 409 |
| CORN G | 82634 | 0 | 20086 | 34923 | 22336 | 136253 | 7583 |
| CORN S | 2990 | 0 | 1663 | 241 | 713 | 7171 | 493 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 11001 | 0 | 2824 | 3711 | 5072 | 16479 | 2634 |
| HAY N | 7336 | 0 | 2417 | 915 | 3345 | 14522 | 2050 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DAIS | 5555 | 0 | 1572 | 1879 | 1617 | 8049 | 514 |
| SDRG G | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SDRG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 36910 | 0 | 5906 | 11168 | 8622 | 50207 | 1386 |
| SUGAR BEET | 16225 | 0 | 34109 | 10735 | 12766 | 27484 | 3082 |
| WHEAT | 17895 | 0 | 3340 | 3981 | 5067 | 17917 | 703 |
| HIGH EXPORT: | | | | | | | |
| BARLEY | 22969 | 0 | 1992 | 2466 | 1290 | 10578 | 414 |
| CORN G | 254939 | 0 | 23437 | 40690 | 26045 | 158738 | 8730 |
| CORN S | 8671 | 0 | 1686 | 244 | 723 | 7277 | 500 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 26506 | 0 | 3683 | 4651 | 6779 | 21505 | 3506 |
| HAY N | 16489 | 0 | 2649 | 232 | 3576 | 15716 | 2128 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DAIS | 11758 | 0 | 1615 | 1920 | 2251 | 8338 | 326 |
| SDRG G | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SDRG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 94990 | 0 | 6784 | 12862 | 9859 | 57607 | 1590 |
| SUGAR BEET | 40141 | 0 | 35244 | 10735 | 12766 | 28394 | 3082 |
| WHEAT | 60425 | 0 | 3757 | 4379 | 5667 | 20126 | 774 |
| SOIL LOSS: | | | | | | | |
| BARLEY | 5584 | 0 | 1992 | 2466 | 1290 | 10578 | 414 |
| CORN G | 87702 | 0 | 20414 | 35108 | 22499 | 138632 | 7678 |
| CORN S | 1722 | 0 | 1784 | 256 | 759 | 7714 | 530 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 10993 | 0 | 2905 | 3818 | 5194 | 16966 | 2703 |
| HAY N | 7055 | 0 | 2474 | 351 | 3303 | 14806 | 2012 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DAIS | 5459 | 0 | 1594 | 1903 | 1666 | 8172 | 317 |
| SDRG G | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SDRG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 39960 | 0 | 6456 | 12236 | 9376 | 54867 | 1517 |
| SUGAR BEET | 15530 | 0 | 28460 | 9101 | 8947 | 22995 | 2549 |
| WHEAT | 18619 | 0 | 2937 | 3372 | 4355 | 15761 | 599 |

CHAPTER 8. MINNESOTA

Note: There are no tables 3, 5, and 8 in this chapter because irrigation activity is not defined in the model for this geographical area.

TABLE 8.1 LAND USE (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN MINNESOTA

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXOGR USED | TOT USED |
|-----------------------|-----------|---------|---------|----------|----------|------------|----------|
| TREND: | | | | | | | |
| LC 1-D | 2835 | 1007 | -3 | 2746 | 0 | 89 | 2835 |
| LC 2-D | 6027 | 0 | -6 | 5726 | 0 | 301 | 6027 |
| LC 3-D | 6455 | 0 | -3 | 6110 | 0 | 345 | 6455 |
| LC 4-D | 1903 | 0 | -0 | 1666 | 0 | 78 | 1745 |
| LC 5-D | 3219 | 0 | -0 | 3051 | 0 | 160 | 3211 |
| LC 6-D | 450 | 0 | -0 | 308 | 0 | 15 | 323 |
| LC 7-D | 1213 | 0 | -0 | 1 | 0 | 48 | 49 |
| LC 8-D | 51 | 0 | 0 | 0 | 0 | 2 | 2 |
| LC 9-D | 364 | 0 | 0 | 0 | 0 | 12 | 12 |
| LC 1-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST D | 6813 | -31 | 0 | 6813 | 0 | 0 | 6813 |
| PAST I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 20439 | 1007 | -12 | 19299 | 0 | 973 | 20272 |
| LC 6 TO 9 | 2078 | 0 | -0 | 310 | 0 | 77 | 386 |
| TOT CRPLND | 22517 | 1007 | -12 | 19609 | 0 | 1050 | 20658 |
| PRIME LANDS: | | | | | | | |
| LC 1-D | 2693 | 830 | -3 | 2604 | 0 | 89 | 2693 |
| LC 2-D | 6146 | 0 | -6 | 5845 | 0 | 301 | 6146 |
| LC 3-D | 6583 | 0 | -3 | 6239 | 0 | 345 | 6583 |
| LC 4-D | 1850 | 0 | -0 | 1675 | 0 | 78 | 1754 |
| LC 5-D | 3133 | 0 | -0 | 2969 | 0 | 160 | 3128 |
| LC 6-D | 438 | 0 | -0 | 299 | 0 | 15 | 314 |
| LC 7-D | 1181 | 0 | -0 | 1 | 0 | 48 | 49 |
| LC 8-D | 50 | 0 | 0 | 0 | 0 | 2 | 2 |
| LC 9-D | 354 | 0 | 0 | 0 | 0 | 12 | 12 |
| LC 1-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST D | 6964 | -649 | 0 | 6964 | 0 | 0 | 6964 |
| PAST I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 20406 | 830 | -12 | 19331 | 0 | 973 | 20304 |
| LC 6 TO 9 | 2024 | 0 | -0 | 300 | 0 | 77 | 377 |
| TOT CRPLND | 22430 | 830 | -12 | 19632 | 0 | 1050 | 20681 |
| FRAGILE: | | | | | | | |
| LC 1-D | 2821 | 994 | -3 | 2732 | 0 | 89 | 2821 |
| LC 2-D | 6026 | 0 | -6 | 5725 | 0 | 301 | 6025 |
| LC 3-D | 6453 | 0 | -3 | 6109 | 0 | 345 | 6453 |
| LC 4-D | 1903 | 0 | -0 | 1802 | 0 | 78 | 1880 |
| LC 5-D | 3219 | 0 | -0 | 3059 | 0 | 160 | 3219 |
| LC 6-D | 437 | 0 | -0 | 300 | 0 | 15 | 315 |
| LC 7-D | 1213 | 0 | -0 | 1 | 0 | 48 | 49 |
| LC 8-D | 2 | 0 | 0 | 0 | 0 | 2 | 2 |
| LC 9-D | 12 | 0 | 0 | 0 | 0 | 12 | 12 |
| LC 1-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST D | 7261 | -799 | 0 | 7261 | 0 | 0 | 7261 |
| PAST I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 20422 | 994 | -12 | 19426 | 0 | 973 | 20399 |
| LC 6 TO 9 | 1664 | 0 | -0 | 301 | 0 | 77 | 378 |
| TOT CRPLND | 22085 | 994 | -12 | 19728 | 0 | 1050 | 20777 |
| PRIME-FRAGILE: | | | | | | | |
| LC 1-D | 2693 | 830 | -3 | 2604 | 0 | 89 | 2693 |
| LC 2-D | 6146 | 0 | -6 | 5845 | 0 | 301 | 6146 |
| LC 3-D | 6584 | 0 | -3 | 6239 | 0 | 345 | 6584 |
| LC 4-D | 1846 | 0 | -0 | 1740 | 0 | 78 | 1819 |
| LC 5-D | 3128 | 0 | -0 | 2968 | 0 | 160 | 3127 |
| LC 6-D | 423 | 0 | -0 | 289 | 0 | 15 | 304 |
| LC 7-D | 1180 | 0 | -0 | 1 | 0 | 48 | 49 |
| LC 8-D | 2 | 0 | 0 | 0 | 0 | 2 | 2 |
| LC 9-D | 12 | 0 | 0 | 0 | 0 | 12 | 12 |
| LC 1-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST D | 7396 | -649 | 0 | 7396 | 0 | 0 | 7396 |
| PAST I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 20396 | 830 | -12 | 19396 | 0 | 973 | 20369 |
| LC 6 TO 9 | 1617 | 0 | -0 | 290 | 0 | 77 | 367 |
| TOT CRPLND | 22014 | 830 | -12 | 19686 | 0 | 1050 | 20736 |

TABLE 8.1 (CONTINUED)

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXO G USED | TOT USED |
|--------------------------------|-----------|---------|---------|----------|----------|------------|----------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| LC 1-0 | 2654 | 830 | -3 | 2565 | 0 | 89 | 2654 |
| LC 2-0 | 6015 | 000 | -6 | 5714 | 000 | 301 | 6015 |
| LC 3-0 | 6441 | 000 | -3 | 6097 | 000 | 345 | 6441 |
| LC 4-0 | 1899 | 000 | -1 | 1726 | 000 | 78 | 1804 |
| LC 5-0 | 3214 | 000 | -1 | 3054 | 000 | 160 | 3214 |
| LC 6-0 | 449 | 000 | -1 | 308 | 000 | 15 | 322 |
| LC 7-0 | 1211 | 000 | -1 | 1 | 000 | 48 | 49 |
| LC 8-0 | 51 | 000 | -1 | 0 | 000 | 2 | 2 |
| LC 9-0 | 364 | 000 | -1 | 0 | 000 | 12 | 12 |
| LC 1-1 | 0 | 000 | 0 | 0 | 000 | 0 | 0 |
| LC 2-1 | 0 | 000 | 0 | 0 | 000 | 0 | 0 |
| LC 3-1 | 0 | 000 | 0 | 0 | 000 | 0 | 0 |
| LC 4-1 | 0 | 000 | 0 | 0 | 000 | 0 | 0 |
| LC 5-1 | 0 | 000 | 0 | 0 | 000 | 0 | 0 |
| LC 6-1 | 0 | 000 | 0 | 0 | 000 | 0 | 0 |
| LC 7-1 | 0 | 000 | 0 | 0 | 000 | 0 | 0 |
| LC 8-1 | 0 | 000 | 0 | 0 | 000 | 0 | 0 |
| LC 9-1 | 0 | 000 | 0 | 0 | 000 | 0 | 0 |
| PAST 0 | 6973 | -64 | 0 | 6973 | 0 | 0 | 6973 |
| PAST 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 20223 | 830 | -12 | 19155 | 0 | 973 | 20128 |
| LC 6 TO 9 | 2075 | 0 | -1 | 309 | 0 | 77 | 386 |
| TOT CRPLND | 22298 | 830 | -12 | 19464 | 0 | 1050 | 20513 |
| HIGH EXPORT: | | | | | | | |
| LC 1-0 | 3402 | 1574 | -3 | 3313 | 0 | 89 | 3402 |
| LC 2-0 | 6027 | 000 | -6 | 5726 | 000 | 301 | 6027 |
| LC 3-0 | 6455 | 000 | -3 | 6110 | 000 | 345 | 6455 |
| LC 4-0 | 1903 | 000 | -1 | 1825 | 000 | 78 | 1903 |
| LC 5-0 | 3219 | 000 | -1 | 3059 | 000 | 160 | 3219 |
| LC 6-0 | 450 | 000 | -1 | 435 | 000 | 15 | 450 |
| LC 7-0 | 1213 | 000 | -1 | 1165 | 000 | 48 | 1213 |
| LC 8-0 | 51 | 000 | -1 | 12 | 000 | 2 | 14 |
| LC 9-0 | 364 | 000 | -1 | 249 | 000 | 12 | 261 |
| LC 1-1 | 0 | 000 | 0 | 0 | 000 | 0 | 0 |
| LC 2-1 | 0 | 000 | 0 | 0 | 000 | 0 | 0 |
| LC 3-1 | 0 | 000 | 0 | 0 | 000 | 0 | 0 |
| LC 4-1 | 0 | 000 | 0 | 0 | 000 | 0 | 0 |
| LC 5-1 | 0 | 000 | 0 | 0 | 000 | 0 | 0 |
| LC 6-1 | 0 | 000 | 0 | 0 | 000 | 0 | 0 |
| LC 7-1 | 0 | 000 | 0 | 0 | 000 | 0 | 0 |
| LC 8-1 | 0 | 000 | 0 | 0 | 000 | 0 | 0 |
| LC 9-1 | 0 | 000 | 0 | 0 | 000 | 0 | 0 |
| PAST 0 | 6560 | -106 | 0 | 6560 | 0 | 0 | 6560 |
| PAST 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 21006 | 1574 | -12 | 20033 | 0 | 973 | 21006 |
| LC 6 TO 9 | 2078 | 0 | -1 | 1861 | 0 | 77 | 1938 |
| TOT CRPLND | 23084 | 1574 | -12 | 21894 | 0 | 1050 | 22943 |
| SOIL LOSS: | | | | | | | |
| LC 1-0 | 2976 | 1148 | -3 | 2887 | 0 | 89 | 2976 |
| LC 2-0 | 6027 | 000 | -6 | 5726 | 000 | 301 | 6027 |
| LC 3-0 | 6455 | 000 | -3 | 6110 | 000 | 345 | 6455 |
| LC 4-0 | 1903 | 000 | -1 | 1719 | 000 | 78 | 1797 |
| LC 5-0 | 3219 | 000 | -1 | 3059 | 000 | 160 | 3219 |
| LC 6-0 | 450 | 000 | -1 | 308 | 000 | 15 | 323 |
| LC 7-0 | 1213 | 000 | -1 | 1 | 000 | 48 | 49 |
| LC 8-0 | 51 | 000 | -1 | 0 | 000 | 2 | 2 |
| LC 9-0 | 364 | 000 | -1 | 0 | 000 | 12 | 12 |
| LC 1-1 | 0 | 000 | 0 | 0 | 000 | 0 | 0 |
| LC 2-1 | 0 | 000 | 0 | 0 | 000 | 0 | 0 |
| LC 3-1 | 0 | 000 | 0 | 0 | 000 | 0 | 0 |
| LC 4-1 | 0 | 000 | 0 | 0 | 000 | 0 | 0 |
| LC 5-1 | 0 | 000 | 0 | 0 | 000 | 0 | 0 |
| LC 6-1 | 0 | 000 | 0 | 0 | 000 | 0 | 0 |
| LC 7-1 | 0 | 000 | 0 | 0 | 000 | 0 | 0 |
| LC 8-1 | 0 | 000 | 0 | 0 | 000 | 0 | 0 |
| LC 9-1 | 0 | 000 | 0 | 0 | 000 | 0 | 0 |
| PAST 0 | 6685 | -94 | 0 | 6685 | 0 | 0 | 6685 |
| PAST 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 20580 | 1148 | -12 | 19501 | 0 | 973 | 20474 |
| LC 6 TO 9 | 2078 | 0 | -1 | 310 | 0 | 77 | 386 |
| TOT CRPLND | 22658 | 1148 | -12 | 19811 | 0 | 1050 | 20860 |

TABLE 8.2 DRYLAND CROP ACREAGES (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN MINNESOTA

| TREND: | LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEAN | SGRBEET | WHEAT |
|----------------|------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|---------|---------|-------|
| | 1 | 370 | 1142 | 301 | 0 | 34 | 0 | 0 | 23 | 0 | 0 | 0 | 835 | 183 | 0 |
| | 2 | 103 | 3081 | 8 | 0 | 838 | 58 | 0 | 286 | 0 | 40 | 0 | 2492 | 16 | 351 |
| | 3 | 13 | 298 | 0 | 0 | 131 | 3610 | 0 | 331 | 0 | 0 | 3800 | 345 | 0 | 844 |
| | 4 | 0 | 711 | 12 | 0 | 385 | 0 | 0 | 214 | 0 | 0 | 0 | 240 | 0 | 150 |
| | 5 | 202 | 530 | 0 | 0 | 341 | 114 | 0 | 193 | 0 | 0 | 0 | 651 | 0 | 912 |
| | 6 | 0 | 1 | 132 | 0 | 4 | 86 | 0 | 1 | 0 | 0 | 0 | 76 | 0 | 0 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6002 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | 1 | 372 | 1027 | 300 | 0 | 33 | 0 | 0 | 24 | 0 | 0 | 0 | 811 | 184 | 0 |
| | 2 | 165 | 3057 | 0 | 0 | 834 | 59 | 0 | 302 | 0 | 40 | 0 | 2531 | 16 | 337 |
| | 3 | 11 | 587 | 0 | 0 | 260 | 2984 | 0 | 446 | 0 | 0 | 6000 | 481 | 0 | 875 |
| | 4 | 0 | 732 | 10 | 0 | 355 | 26 | 0 | 206 | 0 | 0 | 0 | 229 | 0 | 176 |
| | 5 | 4 | 503 | 0 | 0 | 330 | 115 | 0 | 182 | 0 | 0 | 0 | 320 | 0 | 1029 |
| | 6 | 0 | 1 | 126 | 0 | 4 | 85 | 0 | 1 | 0 | 0 | 0 | 72 | 0 | 0 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6315 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | 1 | 371 | 1130 | 285 | 0 | 44 | 0 | 0 | 35 | 0 | 0 | 0 | 817 | 183 | 0 |
| | 2 | 63 | 2887 | 0 | 0 | 858 | 35 | 0 | 345 | 0 | 31 | 0 | 2454 | 16 | 461 |
| | 3 | 11 | 600 | 0 | 0 | 243 | 2849 | 0 | 447 | 0 | 0 | 6990 | 505 | 0 | 879 |
| | 4 | 0 | 800 | 17 | 0 | 383 | 7 | 0 | 213 | 0 | 0 | 0 | 240 | 0 | 210 |
| | 5 | 399 | 540 | 0 | 0 | 341 | 78 | 0 | 193 | 0 | 10 | 0 | 880 | 0 | 756 |
| | 6 | 0 | 1 | 127 | 0 | 4 | 85 | 0 | 1 | 0 | 0 | 0 | 73 | 0 | 0 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6462 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | 1 | 383 | 1026 | 307 | 0 | 30 | 0 | 0 | 22 | 0 | 0 | 0 | 853 | 135 | 0 |
| | 2 | 138 | 2946 | 0 | 0 | 897 | 69 | 0 | 372 | 0 | 36 | 0 | 2452 | 16 | 380 |
| | 3 | 16 | 667 | 0 | 0 | 297 | 2743 | 0 | 487 | 0 | 0 | 52 | 573 | 0 | 890 |
| | 4 | 0 | 776 | 15 | 0 | 353 | 26 | 0 | 204 | 0 | 0 | 0 | 229 | 0 | 208 |
| | 5 | 39 | 489 | 0 | 0 | 329 | 79 | 0 | 181 | 0 | 10 | 0 | 385 | 0 | 1024 |
| | 6 | 0 | 1 | 121 | 0 | 4 | 84 | 0 | 1 | 0 | 0 | 0 | 69 | 0 | 0 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6747 | 0 | 0 | 0 | 0 | 0 |

TABLE 8.2 (CONTINUED)

| LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEANS | SGRBEET | WHEAT |
|--------------------------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|----------|---------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | | |
| 1 | 384 | 1016 | 274 | 0 | 36 | 0 | 0 | 30 | 0 | 0 | 0 | 760 | 183 | 0 |
| 2 | 159 | 3020 | 0 | 0 | 823 | 48 | 0 | 291 | 0 | 35 | 0 | 2490 | 16 | 329 |
| 3 | 9 | 506 | 0 | 0 | 216 | 3100 | 0 | 415 | 0 | 0 | 85 | 410 | 0 | 861 |
| 4 | 0 | 753 | 13 | 0 | 384 | 2 | 0 | 213 | 0 | 0 | 0 | 239 | 0 | 179 |
| 5 | 5 | 528 | 0 | 0 | 340 | 114 | 0 | 192 | 0 | 0 | 0 | 766 | 0 | 1133 |
| 6 | 0 | 1 | 132 | 0 | 4 | 86 | 0 | 1 | 0 | 0 | 0 | 76 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6324 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | | |
| 1 | 478 | 1465 | 181 | 0 | 73 | 0 | 0 | 85 | 0 | 0 | 0 | 916 | 241 | 0 |
| 2 | 138 | 2759 | 0 | 0 | 533 | 35 | 0 | 224 | 0 | 0 | 0 | 2596 | 0 | 581 |
| 3 | 2 | 474 | 0 | 0 | 58 | 3483 | 0 | 157 | 0 | 0 | 0 | 251 | 0 | 971 |
| 4 | 0 | 876 | 1 | 0 | 317 | 0 | 0 | 227 | 0 | 8 | 0 | 365 | 0 | 216 |
| 5 | 91 | 288 | 0 | 0 | 911 | 68 | 0 | 199 | 0 | 0 | 0 | 673 | 0 | 993 |
| 6 | 0 | 64 | 120 | 0 | 37 | 51 | 0 | 58 | 0 | 0 | 0 | 64 | 0 | 51 |
| 7 | 0 | 16 | 225 | 0 | 196 | 128 | 0 | 249 | 0 | 0 | 0 | 3 | 0 | 227 |
| 8 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 22 | 0 | 0 | 25 | 2 | 0 | 104 | 5490 | 0 | 0 | 0 | 0 | 88 |
| SOIL LOSS: | | | | | | | | | | | | | | |
| 1 | 389 | 1272 | 273 | 0 | 4 | 0 | 0 | 4 | 0 | 0 | 0 | 951 | 183 | 0 |
| 2 | 195 | 2949 | 0 | 0 | 772 | 35 | 0 | 267 | 0 | 23 | 0 | 2470 | 128 | 323 |
| 3 | 4 | 271 | 0 | 0 | 73 | 3684 | 0 | 240 | 0 | 0 | 82 | 278 | 0 | 850 |
| 4 | 0 | 753 | 0 | 0 | 390 | 4 | 0 | 221 | 0 | 0 | 0 | 221 | 0 | 173 |
| 5 | 35 | 536 | 0 | 0 | 341 | 104 | 0 | 193 | 0 | 0 | 0 | 889 | 0 | 1127 |
| 6 | 0 | 32 | 149 | 0 | 5 | 51 | 0 | 27 | 0 | 0 | 0 | 56 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5745 | 0 | 0 | 0 | 0 | 0 |

TABLE 8.4 DRYLAND CROP PRODUCTION (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN MINNESOTA

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEAN BU | SGRBEET TONS | WHEAT BU |
|----------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|---------------|-----------------|-------------|
| TREND: | | | | | | | | | | | | | |
| 1 | 17772 | 147173 | 3216 | 0 | 102 | 0 | 2223 | 0 | 0 | 0 | 32662 | 3221 | 0 |
| 2 | 5667 | 379136 | 70 | 0 | 2722 | 175 | 27396 | 0 | 2212 | 0 | 102709 | 338 | 12320 |
| 3 | 522 | 36670 | 0 | 0 | 582 | 14720 | 23989 | 0 | 0 | 264 | 12412 | 0 | 32752 |
| 4 | 0 | 75889 | 141 | 0 | 1715 | 0 | 18545 | 0 | 0 | 0 | 8388 | 0 | 3858 |
| 5 | 8024 | 46899 | 0 | 0 | 1295 | 374 | 13355 | 0 | 0 | 0 | 20645 | 0 | 28090 |
| 6 | 0 | 145 | 1550 | 0 | 14 | 285 | 78 | 0 | 0 | 0 | 2173 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 75 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1989 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | | | | | | | | | | | | | |
| 1 | 17831 | 132363 | 3263 | 0 | 84 | 0 | 1561 | 0 | 0 | 0 | 31821 | 3229 | 0 |
| 2 | 8768 | 377694 | 0 | 0 | 2787 | 177 | 28923 | 0 | 2212 | 0 | 104162 | 338 | 11829 |
| 3 | 473 | 71053 | 0 | 0 | 1227 | 12049 | 34217 | 0 | 0 | 412 | 17312 | 0 | 33957 |
| 4 | 0 | 77651 | 111 | 0 | 1584 | 87 | 17825 | 0 | 0 | 0 | 8002 | 0 | 4513 |
| 5 | 130 | 44438 | 0 | 0 | 1251 | 361 | 12594 | 0 | 0 | 0 | 9824 | 0 | 35222 |
| 6 | 0 | 113 | 1481 | 0 | 16 | 282 | 107 | 0 | 0 | 0 | 2077 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 72 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2065 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | | | | | | | | | | | | | |
| 1 | 17785 | 145605 | 3104 | 0 | 124 | 0 | 2578 | 0 | 0 | 0 | 32119 | 3221 | 0 |
| 2 | 3622 | 354430 | 0 | 0 | 2974 | 137 | 32682 | 0 | 1971 | 0 | 100552 | 338 | 16178 |
| 3 | 469 | 72574 | 0 | 0 | 1170 | 11525 | 34595 | 0 | 0 | 475 | 18144 | 0 | 34115 |
| 4 | 0 | 84332 | 189 | 0 | 1710 | 9 | 18464 | 0 | 0 | 0 | 8415 | 0 | 5411 |
| 5 | 15885 | 48133 | 0 | 0 | 1295 | 261 | 13351 | 0 | 776 | 0 | 28316 | 0 | 21465 |
| 6 | 0 | 144 | 1496 | 0 | 13 | 281 | 73 | 0 | 0 | 0 | 2098 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2162 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | | | | | | | | | | | | | |
| 1 | 18487 | 132265 | 3317 | 0 | 76 | 0 | 1437 | 0 | 0 | 0 | 33297 | 2375 | 0 |
| 2 | 7455 | 359907 | 0 | 0 | 3134 | 194 | 34984 | 0 | 1968 | 0 | 100501 | 338 | 13314 |
| 3 | 643 | 80764 | 0 | 0 | 1421 | 11060 | 38184 | 0 | 0 | 356 | 20197 | 0 | 34539 |
| 4 | 0 | 81784 | 170 | 0 | 1574 | 87 | 17680 | 0 | 0 | 0 | 8004 | 0 | 5339 |
| 5 | 1496 | 43139 | 0 | 0 | 1248 | 248 | 12539 | 0 | 776 | 0 | 12008 | 0 | 35157 |
| 6 | 0 | 137 | 1416 | 0 | 13 | 277 | 73 | 0 | 0 | 0 | 1985 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2230 | 0 | 0 | 0 | 0 | 0 |

TABLE 8.4 (CONTINUED)

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|-------------------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | |
| 1 | 18354 | 130976 | 3012 | 0 | 106 | 0 | 2282 | 0 | 0 | 0 | 29778 | 3221 | 0 |
| 2 | 8521 | 371935 | 0 | 0 | 2724 | 157 | 27835 | 0 | 2186 | 0 | 102491 | 338 | 11546 |
| 3 | 361 | 61401 | 0 | 0 | 1013 | 12559 | 31629 | 0 | 0 | 582 | 14952 | 0 | 33408 |
| 4 | 0 | 79820 | 145 | 0 | 1710 | 3 | 18487 | 0 | 0 | 0 | 8365 | 0 | 4591 |
| 5 | 167 | 46754 | 0 | 0 | 1292 | 372 | 13297 | 0 | 0 | 0 | 24389 | 0 | 32899 |
| 6 | 0 | 145 | 1545 | 0 | 14 | 284 | 78 | 0 | 0 | 0 | 2166 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 75 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2070 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | |
| 1 | 23440 | 190988 | 2040 | 0 | 325 | 0 | 8859 | 0 | 0 | 0 | 35759 | 4288 | 0 |
| 2 | 6789 | 356126 | 0 | 0 | 1933 | 137 | 23287 | 0 | 0 | 0 | 106721 | 0 | 20289 |
| 3 | 91 | 52898 | 0 | 0 | 267 | 14775 | 12194 | 0 | 0 | 0 | 9881 | 0 | 37410 |
| 4 | 0 | 95157 | 4 | 0 | 1394 | 0 | 19822 | 0 | 386 | 0 | 13689 | 0 | 5511 |
| 5 | 3647 | 28142 | 0 | 0 | 3716 | 228 | 16341 | 0 | 0 | 0 | 22271 | 0 | 27407 |
| 6 | 0 | 5848 | 1168 | 0 | 142 | 194 | 4309 | 0 | 0 | 0 | 1764 | 0 | 1149 |
| 7 | 0 | 877 | 1722 | 0 | 488 | 160 | 10591 | 0 | 0 | 0 | 79 | 0 | 5383 |
| 8 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 1050 | 0 | 0 | 51 | 3 | 4925 | 1891 | 0 | 0 | 0 | 0 | 1758 |
| SOIL LOSS: | | | | | | | | | | | | | |
| 1 | 18587 | 162231 | 2927 | 0 | 15 | 0 | 411 | 0 | 0 | 0 | 37137 | 3221 | 0 |
| 2 | 10256 | 369339 | 0 | 0 | 2554 | 137 | 26015 | 0 | 1481 | 0 | 101684 | 2367 | 11222 |
| 3 | 164 | 32943 | 0 | 0 | 305 | 15082 | 16048 | 0 | 0 | 560 | 11122 | 0 | 32807 |
| 4 | 0 | 44302 | 0 | 0 | 1812 | 5 | 20325 | 0 | 0 | 0 | 8269 | 0 | 4444 |
| 5 | 1354 | 50792 | 0 | 0 | 1372 | 341 | 14274 | 0 | 0 | 0 | 29072 | 0 | 31492 |
| 6 | 0 | 3315 | 1783 | 0 | 20 | 194 | 2281 | 0 | 0 | 0 | 1632 | 0 | 13 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1924 | 0 | 0 | 0 | 0 | 0 |

TABLE 8.6 QUANTITIES OF CROP COMMODITIES PRODUCED (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN MINNESOTA

| TREND: | | UNIT | PRODUCED | INTER | CONSUMED | NET EXPORT |
|--------------------|----------|-------|----------|--------|----------|------------|
| TREND: | CORN | BU | 485911 | 263976 | 27652 | 394282 |
| | SORGHUM | BU | 2212 | 8144 | 655 | -6586 |
| | BARLEY | BU | 31984 | 2362 | 9577 | 20045 |
| | OATS | BU | 85586 | 56398 | 4565 | 24623 |
| | WHEAT | BU | 77020 | 2392 | 30650 | 43979 |
| | SOYBEANS | BU | 179,062 | 40,781 | 23,120 | 115,161 |
| | COTTON | BALES | 0 | 0 | 286 | -286 |
| PRIME LANDS: | CORN | BU | 703312 | 263976 | 27652 | 411683 |
| | SORGHUM | BU | 2212 | 8144 | 655 | -6586 |
| | BARLEY | BU | 27202 | 2362 | 9577 | 15264 |
| | OATS | BU | 95227 | 56398 | 4565 | 34264 |
| | WHEAT | BU | 85522 | 2392 | 30650 | 52480 |
| | SOYBEANS | BU | 173,271 | 40,781 | 23,120 | 109,370 |
| | COTTON | BALES | 0 | 0 | 286 | -286 |
| FRAGILE: | CORN | BU | 705219 | 263976 | 27652 | 413590 |
| | SORGHUM | BU | 2746 | 8144 | 655 | -6052 |
| | BARLEY | BU | 37761 | 2362 | 9577 | 25822 |
| | OATS | BU | 101742 | 56398 | 4565 | 40779 |
| | WHEAT | BU | 77169 | 2392 | 30650 | 44128 |
| | SOYBEANS | BU | 189,644 | 40,781 | 23,120 | 125,742 |
| | COTTON | BALES | 0 | 0 | 286 | -286 |
| PRIME- FRAGILE: | CORN | BU | 697996 | 263976 | 27652 | 406367 |
| | SORGHUM | BU | 2744 | 8144 | 655 | -6055 |
| | BARLEY | BU | 28082 | 2362 | 9577 | 16143 |
| | OATS | BU | 104897 | 56398 | 4565 | 43934 |
| | WHEAT | BU | 88349 | 2392 | 30650 | 55307 |
| | SOYBEANS | BU | 175,993 | 40,781 | 23,120 | 112,092 |
| | COTTON | BALES | 0 | 0 | 286 | -286 |
| ENV. CORR. | CORN | BU | 691031 | 263976 | 27652 | 399402 |
| | SORGHUM | BU | 2186 | 8144 | 655 | -6613 |
| | BARLEY | BU | 27403 | 2362 | 9577 | 15465 |
| | OATS | BU | 93609 | 56398 | 4565 | 32646 |
| | WHEAT | BU | 82444 | 2392 | 30650 | 49403 |
| | SOYBEANS | BU | 182,215 | 40,781 | 23,120 | 118,314 |
| | COTTON | BALES | 0 | 0 | 286 | -286 |
| HIGH EXPORT: | CORN | BU | 731086 | 263976 | 27652 | 439457 |
| | SORGHUM | BU | 386 | 8144 | 655 | -8413 |
| | BARLEY | BU | 33968 | 2362 | 9577 | 22029 |
| | OATS | BU | 100358 | 56398 | 4565 | 39395 |
| | WHEAT | BU | 98904 | 2392 | 30650 | 65863 |
| | SOYBEANS | BU | 190,163 | 40,781 | 23,120 | 126,262 |
| | COTTON | BALES | 0 | 0 | 286 | -286 |
| SOIL LOSS: | CORN | BU | 702921 | 263976 | 27652 | 411292 |
| | SORGHUM | BU | 1481 | 8144 | 655 | -7317 |
| | BARLEY | BU | 30361 | 2362 | 9577 | 18423 |
| | OATS | BU | 79355 | 56398 | 4565 | 18393 |
| | WHEAT | BU | 79977 | 2392 | 30650 | 46936 |
| | SOYBEANS | BU | 188,986 | 40,781 | 23,120 | 125,085 |
| | COTTON | BALES | 0 | 0 | 286 | -286 |

TABLE 8.7 RESOURCE USE IN CROP PRODUCTION (THOUSANDS OF DOLLARS) UNDER ALTERNATIVE FUTURES IN MINNESOTA

| | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|------------|--------|-------|-------|-------|----------|--------|-------|
| TREND: | | | | | | | |
| BARLEY | 3787 | 0 | 1235 | 1274 | 1115 | 9193 | 68 |
| CORN G | 174480 | 0 | 39254 | 41929 | 39846 | 260461 | 20217 |
| CORN S | 6906 | 0 | 4154 | 505 | 1502 | 17545 | 1175 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 36709 | 0 | 11409 | 6926 | 17111 | 78434 | 7754 |
| HAY N | 96398 | 46 | 25137 | 77 | 30222 | 180618 | 14137 |
| S FALLOW | 973 | 0 | 74 | 0 | 0 | 350 | 0 |
| OATS | 23795 | 0 | 7275 | 4101 | 10570 | 47327 | 667 |
| SORG G | 7 | 0 | 3 | 4 | 4 | 21 | 0 |
| SORG S | 9 | 0 | 10 | 7 | 3 | 51 | 2 |
| SOYBEANS | 117473 | 0 | 22790 | 23925 | 29050 | 210305 | 2465 |
| SUGAR BEET | 3041 | 0 | 9280 | 1568 | 2049 | 4618 | 1995 |
| WHEAT | 6707 | 0 | 3082 | 5429 | 3468 | 25558 | 215 |

PRIME LANDS:

| | | | | | | | |
|------------|--------|----|-------|-------|-------|--------|-------|
| BARLEY | 3337 | 0 | 1253 | 709 | 1158 | 9340 | 69 |
| CORN G | 148251 | 0 | 40273 | 41842 | 41025 | 266384 | 20623 |
| CORN S | 5718 | 0 | 4059 | 588 | 1444 | 17105 | 1148 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 31715 | 1 | 12214 | 6805 | 18872 | 84746 | 8120 |
| HAY N | 65140 | 45 | 21387 | 69 | 25512 | 152766 | 12255 |
| S FALLOW | 869 | 0 | 95 | 0 | 0 | 450 | 0 |
| OATS | 21562 | 0 | 8015 | 4044 | 10954 | 51187 | 743 |
| SORG G | 5 | 0 | 3 | 4 | 4 | 21 | 0 |
| SORG S | 14 | 0 | 16 | 11 | 5 | 78 | 3 |
| SOYBEANS | 100895 | 6 | 22574 | 23979 | 28687 | 205184 | 2491 |
| SUGAR BEET | 2593 | 0 | 9298 | 1571 | 2052 | 4627 | 1999 |
| WHEAT | 6480 | 0 | 3206 | 4611 | 3427 | 26601 | 224 |

FRAGILE:

| | | | | | | | |
|------------|--------|----|-------|-------|-------|--------|-------|
| BARLEY | 3748 | 0 | 1258 | 1643 | 1113 | 9387 | 69 |
| CORN G | 179500 | 0 | 40425 | 38837 | 41323 | 257382 | 20692 |
| CORN S | 7041 | 0 | 4025 | 589 | 1464 | 16946 | 1136 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 42790 | 26 | 12517 | 7023 | 19353 | 86992 | 8343 |
| HAY N | 76136 | 35 | 20072 | 63 | 23978 | 143898 | 11372 |
| S FALLOW | 1046 | 0 | 71 | 0 | 0 | 334 | 0 |
| OATS | 31092 | 0 | 8369 | 3687 | 11101 | 52823 | 800 |
| SORG G | 11 | 0 | 3 | 4 | 3 | 19 | 0 |
| SORG S | 24 | 0 | 18 | 12 | 5 | 90 | 4 |
| SOYBEANS | 125503 | 6 | 23996 | 26544 | 30346 | 222021 | 2567 |
| SUGAR BEET | 3214 | 0 | 9280 | 1568 | 2049 | 4618 | 1995 |
| WHEAT | 10819 | 0 | 3404 | 3690 | 3969 | 28313 | 235 |

PRIME FRAGILE:

| | | | | | | | |
|------------|--------|----|-------|-------|-------|--------|-------|
| BARLEY | 3486 | 0 | 1248 | 1026 | 1158 | 9298 | 69 |
| CORN G | 148238 | 0 | 40079 | 44351 | 41291 | 265367 | 20476 |
| CORN S | 5922 | 0 | 4080 | 584 | 1452 | 17211 | 1159 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 35188 | 14 | 12766 | 7229 | 19796 | 89084 | 8423 |
| HAY N | 61092 | 40 | 19905 | 93 | 23734 | 141959 | 11472 |
| S FALLOW | 987 | 0 | 98 | 0 | 0 | 462 | 0 |
| OATS | 25460 | 0 | 8563 | 5317 | 11234 | 53945 | 814 |
| SORG G | 9 | 0 | 3 | 4 | 4 | 19 | 0 |
| SORG S | 12 | 0 | 14 | 10 | 4 | 68 | 3 |
| SOYBEANS | 102016 | 6 | 22840 | 26195 | 29100 | 208358 | 2499 |
| SUGAR BEET | 2329 | 0 | 7439 | 1232 | 1784 | 3702 | 1595 |
| WHEAT | 7601 | 0 | 3387 | 8253 | 3671 | 28109 | 238 |

TABLE 8.7 (CONTINUED)

| | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|-------------------------|--------|-------|-------|-------|----------|--------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| BARLEY | 4313 | 0 | 1255 | 1020 | 1161 | 9359 | 69 |
| CORN G | 171729 | 0 | 39648 | 42817 | 40387 | 262806 | 20332 |
| CORN S | 6679 | 0 | 3980 | 610 | 1431 | 16726 | 1118 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 38576 | 6 | 11964 | 6766 | 18470 | 82788 | 8010 |
| HAY N | 82078 | 43 | 21898 | 74 | 26169 | 156883 | 12420 |
| S FALLOW | 925 | 0 | 72 | 0 | 0 | 339 | 0 |
| OATS | 26397 | 0 | 7821 | 4096 | 10798 | 50056 | 740 |
| SORG G | 7 | 0 | 3 | 4 | 7 | 21 | 0 |
| SORG S | 27 | 0 | 22 | 20 | 7 | 110 | 5 |
| SOYBEANS | 117951 | 6 | 23244 | 31395 | 29487 | 214940 | 2497 |
| SUGAR BEET | 3080 | 0 | 9280 | 1568 | 2049 | 4618 | 1995 |
| WHEAT | 8751 | 0 | 3236 | 5671 | 3691 | 26877 | 225 |
| HIGH EXPORT: | | | | | | | |
| BARLEY | 15132 | 0 | 1228 | 770 | 1132 | 9170 | 69 |
| CORN G | 475209 | 0 | 41656 | 54539 | 40982 | 276657 | 21924 |
| CORN S | 12931 | 0 | 5401 | 8698 | 2797 | 22643 | 1576 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 115915 | 59 | 15832 | 6346 | 23541 | 112980 | 10011 |
| HAY N | 262068 | 12 | 24737 | 671 | 30728 | 178903 | 13783 |
| S FALLOW | 5100 | 0 | 83 | 0 | 0 | 389 | 0 |
| OATS | 69238 | 0 | 8203 | 7370 | 11053 | 49283 | 920 |
| SORG G | 5 | 0 | 1 | 3 | 1 | 8 | 0 |
| SORG S | 14 | 1 | 2 | 37 | 0 | 8 | 0 |
| SOYBEANS | 331522 | 30 | 24158 | 44262 | 30616 | 227392 | 2599 |
| SUGAR BEET | 7992 | 0 | 9887 | 1150 | 1797 | 4920 | 2130 |
| WHEAT | 48779 | 0 | 4195 | 13368 | 4914 | 34988 | 284 |
| SOIL LOSS: | | | | | | | |
| BARLEY | 5530 | 0 | 1319 | 789 | 1211 | 9865 | 71 |
| CORN G | 192569 | 0 | 40238 | 48631 | 40290 | 266218 | 20650 |
| CORN S | 5808 | 0 | 3942 | 519 | 1376 | 16593 | 1127 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 41233 | 117 | 11098 | 9392 | 16947 | 76581 | 7516 |
| HAY N | 108891 | 0 | 25306 | 583 | 30549 | 182046 | 14182 |
| S FALLOW | 1032 | 0 | 65 | 0 | 0 | 307 | 0 |
| OATS | 25616 | 0 | 7160 | 6242 | 10176 | 45959 | 674 |
| SORG G | 6 | 0 | 3 | 4 | 4 | 20 | 0 |
| SORG S | 31 | 0 | 21 | 11 | 6 | 100 | 5 |
| SOYBEANS | 132942 | 6 | 23266 | 26487 | 29553 | 215436 | 2475 |
| SUGAR BEET | 5421 | 0 | 18331 | 3911 | 3282 | 9123 | 3854 |
| WHEAT | 10432 | 0 | 3184 | 8685 | 3638 | 26475 | 222 |

CHAPTER 9. MISSOURI

Note: There are no tables 3, 5, and 8 in this chapter because irrigation activity is not defined in the model for this geographical area.

TABLE 9.1 LAND USE (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN MISSOURI

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXO G USED | TOT USED |
|-----------------------|-----------|---------|---------|----------|----------|------------|----------|
| TREND: | | | | | | | |
| LC 1-0 | 1552 | 533 | -0 | 1533 | 0 | 19 | 1552 |
| LC 2-0 | 1604 | 0 | -00 | 1577 | 00 | 27 | 1604 |
| LC 3-0 | 1873 | 00 | -00 | 1819 | 00 | 55 | 1873 |
| LC 4-0 | 4931 | 00 | -01 | 4530 | 00 | 77 | 4607 |
| LC 5-0 | 3050 | 00 | -00 | 2232 | 00 | 147 | 2379 |
| LC 6-0 | 1523 | 00 | -00 | 1205 | 00 | 20 | 1224 |
| LC 7-0 | 142 | 00 | -00 | 23 | 00 | 4 | 28 |
| LC 8-0 | 1 | 00 | -00 | 0 | 00 | 0 | 0 |
| LC 9-0 | 825 | 00 | -00 | 0 | 00 | 8 | 8 |
| LC 1-1 | 6 | 00 | -01 | 0 | 6 | 0 | 6 |
| LC 2-1 | 2 | 00 | -01 | 0 | 1 | 0 | 2 |
| LC 3-1 | 6 | 00 | -01 | 0 | 6 | 0 | 6 |
| LC 4-1 | 2 | 00 | -00 | 0 | 0 | 2 | 2 |
| LC 5-1 | 17 | 00 | -00 | 0 | 0 | 0 | 17 |
| LC 6-1 | 0 | 00 | -00 | 0 | 15 | 2 | 17 |
| LC 7-1 | 0 | 00 | -00 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 00 | -00 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 00 | -00 | 0 | 0 | 0 | 0 |
| PAST D | 18156 | -710 | 00 | 18156 | 00 | 0 | 0 |
| PAST I | 0 | 00 | 00 | 0 | 00 | 0 | 18156 |
| LC 1 TO 5 | 13044 | 533 | -0 | 11691 | 29 | 328 | 12048 |
| LC 6 TO 9 | 2491 | 0 | -0 | 1228 | 0 | 32 | 1260 |
| TOT CRPLND | 15535 | 533 | 0 | 12919 | 29 | 360 | 13308 |
| PRIME LANDS: | | | | | | | |
| LC 1-0 | 1584 | 533 | -0 | 1565 | 0 | 19 | 1584 |
| LC 2-0 | 1658 | 0 | -00 | 1631 | 00 | 27 | 1658 |
| LC 3-0 | 1935 | 00 | -00 | 1881 | 00 | 55 | 1935 |
| LC 4-0 | 4816 | 00 | -00 | 4421 | 00 | 77 | 4497 |
| LC 5-0 | 2985 | 00 | -00 | 1773 | 00 | 147 | 1920 |
| LC 6-0 | 1494 | 00 | -00 | 960 | 00 | 20 | 980 |
| LC 7-0 | 140 | 00 | -00 | 23 | 00 | 4 | 27 |
| LC 8-0 | 1 | 00 | -00 | 0 | 00 | 0 | 0 |
| LC 9-0 | 811 | 00 | -00 | 0 | 00 | 8 | 8 |
| LC 1-1 | 6 | 00 | -01 | 0 | 6 | 0 | 6 |
| LC 2-1 | 2 | 00 | -01 | 0 | 1 | 0 | 2 |
| LC 3-1 | 7 | 00 | -01 | 0 | 6 | 0 | 7 |
| LC 4-1 | 2 | 00 | -00 | 0 | 0 | 2 | 2 |
| LC 5-1 | 17 | 00 | -00 | 0 | 0 | 0 | 17 |
| LC 6-1 | 0 | 00 | -00 | 0 | 15 | 2 | 17 |
| LC 7-1 | 0 | 00 | -00 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 00 | -00 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 00 | -00 | 0 | 0 | 0 | 0 |
| PAST D | 18127 | -710 | 00 | 18127 | 00 | 0 | 0 |
| PAST I | 0 | 00 | 00 | 0 | 00 | 0 | 18127 |
| LC 1 TO 5 | 13012 | 533 | -0 | 11271 | 28 | 328 | 11628 |
| LC 6 TO 9 | 2445 | 0 | -0 | 983 | 0 | 32 | 1015 |
| TOT CRPLND | 15457 | 533 | 0 | 12254 | 28 | 360 | 12643 |
| FRAGILE: | | | | | | | |
| LC 1-0 | 1577 | 559 | -0 | 1558 | 0 | 19 | 1577 |
| LC 2-0 | 1603 | 00 | -00 | 1576 | 00 | 27 | 1603 |
| LC 3-0 | 1873 | 00 | -00 | 1818 | 00 | 55 | 1873 |
| LC 4-0 | 4928 | 00 | -01 | 3494 | 00 | 77 | 3571 |
| LC 5-0 | 3049 | 00 | -00 | 1899 | 00 | 147 | 2046 |
| LC 6-0 | 1514 | 00 | -00 | 1203 | 00 | 20 | 1223 |
| LC 7-0 | 142 | 00 | -00 | 40 | 00 | 4 | 44 |
| LC 8-0 | 0 | 00 | -00 | 0 | 00 | 0 | 0 |
| LC 9-0 | 8 | 00 | -00 | 0 | 00 | 8 | 8 |
| LC 1-1 | 6 | 00 | -01 | 0 | 6 | 0 | 6 |
| LC 2-1 | 1 | 00 | -01 | 0 | 1 | 0 | 1 |
| LC 3-1 | 6 | 00 | -01 | 0 | 6 | 0 | 6 |
| LC 4-1 | 2 | 00 | -00 | 0 | 0 | 2 | 2 |
| LC 5-1 | 17 | 00 | -00 | 0 | 0 | 0 | 17 |
| LC 6-1 | 0 | 00 | -00 | 0 | 15 | 2 | 17 |
| LC 7-1 | 0 | 00 | -00 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 00 | -00 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 00 | -00 | 0 | 0 | 0 | 0 |
| PAST D | 18960 | -747 | 00 | 18960 | 00 | 0 | 0 |
| PAST I | 0 | 00 | 00 | 0 | 00 | 0 | 18960 |
| LC 1 TO 5 | 13063 | 559 | -0 | 10345 | 29 | 328 | 10702 |
| LC 6 TO 9 | 1665 | 0 | -0 | 1243 | 0 | 32 | 1275 |
| TOT CRPLND | 14728 | 559 | 0 | 11588 | 29 | 360 | 11977 |
| PRIME-FRAGILE: | | | | | | | |
| LC 1-0 | 1571 | 519 | -0 | 1552 | 0 | 19 | 1571 |
| LC 2-0 | 1658 | 00 | -00 | 1632 | 00 | 27 | 1658 |
| LC 3-0 | 1936 | 00 | -00 | 1861 | 00 | 55 | 1936 |
| LC 4-0 | 4796 | 00 | -01 | 2979 | 00 | 77 | 3055 |
| LC 5-0 | 2979 | 00 | -00 | 1766 | 00 | 147 | 1913 |
| LC 6-0 | 1481 | 00 | -00 | 928 | 00 | 20 | 947 |
| LC 7-0 | 140 | 00 | -00 | 23 | 00 | 4 | 27 |
| LC 8-0 | 0 | 00 | -00 | 0 | 00 | 0 | 0 |
| LC 9-0 | 8 | 00 | -00 | 0 | 00 | 8 | 8 |
| LC 1-1 | 6 | 00 | -01 | 0 | 6 | 0 | 6 |
| LC 2-1 | 2 | 00 | -01 | 0 | 1 | 0 | 2 |
| LC 3-1 | 7 | 00 | -01 | 0 | 6 | 0 | 7 |
| LC 4-1 | 2 | 00 | -00 | 0 | 0 | 2 | 2 |
| LC 5-1 | 17 | 00 | -00 | 0 | 0 | 0 | 17 |
| LC 6-1 | 0 | 00 | -00 | 0 | 15 | 2 | 17 |
| LC 7-1 | 0 | 00 | -00 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 00 | -00 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 00 | -00 | 0 | 0 | 0 | 0 |
| PAST D | 18988 | -671 | 00 | 18988 | 00 | 0 | 0 |
| PAST I | 0 | 00 | 00 | 0 | 00 | 0 | 18988 |
| LC 1 TO 5 | 12973 | 519 | -0 | 9809 | 28 | 328 | 10166 |
| LC 6 TO 9 | 1629 | 0 | -0 | 951 | 0 | 32 | 983 |
| TOT CRPLND | 14602 | 519 | 0 | 10760 | 28 | 360 | 11149 |

TABLE 9.1 (CONTINUED)

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXOG USED | TOT USED |
|--------------------------------|-----------|---------|---------|----------|----------|-----------|----------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| LC 1-0 | 1549 | 533 | -0 | 1531 | 0 | 19 | 1549 |
| LC 2-0 | 1600 | 0 | -0 | 1573 | 0 | 27 | 1600 |
| LC 3-0 | 1869 | 0 | -0 | 1814 | 0 | 55 | 1869 |
| LC 4-0 | 4918 | 0 | -1 | 4518 | 0 | 77 | 4595 |
| LC 5-0 | 3043 | 0 | -0 | 2265 | 0 | 147 | 2412 |
| LC 6-0 | 1520 | 0 | -0 | 1208 | 0 | 20 | 1228 |
| LC 7-0 | 141 | 0 | -0 | 23 | 0 | 4 | 27 |
| LC 8-0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 824 | 0 | 0 | 0 | 0 | 8 | 8 |
| LC 1-1 | 6 | 0 | 0 | 0 | 6 | 0 | 6 |
| LC 2-1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 |
| LC 3-1 | 6 | 0 | 0 | 0 | 6 | 0 | 6 |
| LC 4-1 | 2 | 0 | 0 | 0 | 0 | 2 | 2 |
| LC 5-1 | 17 | 0 | 0 | 0 | 15 | 2 | 17 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 18151 | -710 | 0 | 18151 | 0 | 0 | 18151 |
| PAST 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 13012 | 533 | -1 | 11702 | 29 | 328 | 12053 |
| LC 6 TO 9 | 2485 | 0 | -0 | 1232 | 0 | 32 | 1264 |
| TOT CRPLND | 15498 | 533 | 0 | 12933 | 29 | 360 | 13322 |
| HIGH EXPORT: | | | | | | | |
| LC 1-0 | 1588 | 569 | -0 | 1569 | 0 | 19 | 1588 |
| LC 2-0 | 1604 | 0 | -0 | 1577 | 0 | 27 | 1604 |
| LC 3-0 | 1873 | 0 | -0 | 1819 | 0 | 55 | 1873 |
| LC 4-0 | 4931 | 0 | -1 | 4854 | 0 | 77 | 4931 |
| LC 5-0 | 3050 | 0 | -0 | 2904 | 0 | 147 | 3050 |
| LC 6-0 | 1523 | 0 | -0 | 1504 | 0 | 20 | 1523 |
| LC 7-0 | 142 | 0 | -0 | 64 | 0 | 4 | 68 |
| LC 8-0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 825 | 0 | 0 | 153 | 0 | 8 | 161 |
| LC 1-1 | 6 | 0 | 0 | 0 | 6 | 0 | 6 |
| LC 2-1 | 2 | 0 | 0 | 0 | 1 | 0 | 2 |
| LC 3-1 | 6 | 0 | 0 | 0 | 6 | 0 | 6 |
| LC 4-1 | 2 | 0 | 0 | 0 | 0 | 2 | 2 |
| LC 5-1 | 17 | 0 | 0 | 0 | 15 | 2 | 17 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 18112 | -754 | 0 | 18112 | 0 | 0 | 18112 |
| PAST 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 13080 | 569 | -1 | 12723 | 29 | 328 | 13080 |
| LC 6 TO 9 | 2491 | 0 | -0 | 1721 | 0 | 32 | 1753 |
| TOT CRPLND | 15571 | 569 | 0 | 14444 | 29 | 360 | 14832 |
| SOIL LOSS: | | | | | | | |
| LC 1-0 | 1577 | 559 | -0 | 1558 | 0 | 19 | 1577 |
| LC 2-0 | 1604 | 0 | -0 | 1577 | 0 | 27 | 1604 |
| LC 3-0 | 1873 | 0 | -0 | 1819 | 0 | 55 | 1873 |
| LC 4-0 | 4931 | 0 | -1 | 4530 | 0 | 77 | 4607 |
| LC 5-0 | 3050 | 0 | -0 | 2169 | 0 | 147 | 2315 |
| LC 6-0 | 1523 | 0 | -0 | 454 | 0 | 20 | 474 |
| LC 7-0 | 142 | 0 | -0 | 23 | 0 | 4 | 27 |
| LC 8-0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 825 | 0 | 0 | 0 | 0 | 8 | 8 |
| LC 1-1 | 6 | 0 | 0 | 0 | 6 | 0 | 6 |
| LC 2-1 | 2 | 0 | 0 | 0 | 1 | 0 | 2 |
| LC 3-1 | 6 | 0 | 0 | 0 | 6 | 0 | 6 |
| LC 4-1 | 2 | 0 | 0 | 0 | 0 | 2 | 2 |
| LC 5-1 | 17 | 0 | 0 | 0 | 15 | 2 | 17 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 18120 | -747 | 0 | 18120 | 0 | 0 | 18120 |
| PAST 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 13069 | 559 | -1 | 11653 | 29 | 328 | 12010 |
| LC 6 TO 9 | 2491 | 0 | -0 | 477 | 0 | 32 | 509 |
| TOT CRPLND | 15560 | 559 | 0 | 12130 | 29 | 360 | 12519 |

TABLE 9.2 DRYLAND CROP ACREAGES (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN MISSOURI

| | LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEAN | SGRBEET | WHEAT |
|----------------|------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|---------|---------|-------|
| TREND: | 1 | 0 | 147 | 32 | 213 | 5 | 0 | 0 | 0 | 0 | 0 | 413 | 466 | 0 | 89 |
| | 2 | 14 | 91 | 2 | 2 | 5 | 310 | 0 | 0 | 0 | 14 | 19 | 720 | 0 | 308 |
| | 3 | 0 | 441 | 0 | 0 | 0 | 87 | 0 | 0 | 0 | 0 | 259 | 937 | 0 | 69 |
| | 4 | 70 | 88 | 0 | 1 | 76 | 736 | 8 | 14 | 0 | 151 | 30 | 2654 | 0 | 744 |
| | 5 | 0 | 145 | 0 | 0 | 0 | 197 | 0 | 0 | 0 | 98 | 0 | 1106 | 0 | 471 |
| | 6 | 0 | 378 | 0 | 0 | 62 | 169 | 0 | 30 | 0 | 0 | 0 | 449 | 0 | 88 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17447 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | 1 | 0 | 152 | 33 | 216 | 4 | 52 | 0 | 0 | 0 | 0 | 421 | 467 | 0 | 95 |
| | 2 | 14 | 93 | 2 | 2 | 6 | 322 | 0 | 3 | 0 | 14 | 23 | 745 | 0 | 317 |
| | 3 | 0 | 545 | 0 | 0 | 0 | 69 | 0 | 0 | 0 | 0 | 172 | 979 | 0 | 67 |
| | 4 | 75 | 88 | 0 | 1 | 32 | 727 | 7 | 2 | 0 | 151 | 29 | 2589 | 0 | 747 |
| | 5 | 0 | 134 | 0 | 0 | 43 | 95 | 0 | 20 | 0 | 98 | 0 | 854 | 0 | 318 |
| | 6 | 0 | 260 | 0 | 0 | 42 | 165 | 0 | 9 | 0 | 0 | 0 | 377 | 0 | 104 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17417 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | 1 | 0 | 143 | 32 | 213 | 10 | 0 | 0 | 1 | 0 | 0 | 419 | 473 | 0 | 71 |
| | 2 | 15 | 97 | 2 | 2 | 5 | 296 | 0 | 0 | 0 | 14 | 8 | 720 | 0 | 314 |
| | 3 | 0 | 441 | 0 | 0 | 0 | 72 | 0 | 1 | 0 | 0 | 259 | 943 | 0 | 61 |
| | 4 | 56 | 105 | 0 | 1 | 27 | 463 | 8 | 0 | 0 | 151 | 30 | 2145 | 0 | 537 |
| | 5 | 0 | 154 | 0 | 0 | 0 | 118 | 0 | 0 | 0 | 98 | 0 | 945 | 0 | 373 |
| | 6 | 0 | 408 | 0 | 0 | 11 | 80 | 0 | 10 | 0 | 0 | 0 | 515 | 0 | 60 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18213 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | 1 | 0 | 144 | 32 | 216 | 10 | 0 | 0 | 1 | 0 | 0 | 421 | 474 | 0 | 90 |
| | 2 | 14 | 93 | 2 | 2 | 5 | 321 | 0 | 3 | 0 | 14 | 23 | 746 | 0 | 316 |
| | 3 | 0 | 545 | 0 | 0 | 0 | 69 | 0 | 0 | 0 | 0 | 172 | 979 | 0 | 66 |
| | 4 | 127 | 58 | 0 | 1 | 26 | 350 | 7 | 0 | 0 | 151 | 29 | 1868 | 0 | 386 |
| | 5 | 0 | 138 | 0 | 0 | 0 | 91 | 0 | 0 | 0 | 98 | 0 | 897 | 0 | 324 |
| | 6 | 0 | 282 | 0 | 0 | 13 | 111 | 0 | 3 | 0 | 0 | 0 | 373 | 0 | 114 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18316 | 0 | 0 | 0 | 0 | 0 |

TABLE 9.2 (CONTINUED)

| LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEANS | SGRBEET | WHEAT |
|-------------------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|----------|---------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | | |
| 1 | 0 | 149 | 32 | 213 | 5 | 0 | 0 | 0 | 0 | 0 | 412 | 465 | 0 | 89 |
| 2 | 14 | 91 | 2 | 2 | 5 | 308 | 0 | 0 | 0 | 14 | 19 | 718 | 0 | 307 |
| 3 | 0 | 439 | 0 | 0 | 0 | 83 | 0 | 0 | 0 | 0 | 260 | 936 | 0 | 67 |
| 4 | 53 | 112 | 0 | 1 | 77 | 734 | 0 | 21 | 0 | 151 | 30 | 2637 | 0 | 741 |
| 5 | 0 | 148 | 0 | 0 | 0 | 208 | 0 | 0 | 0 | 98 | 0 | 1125 | 0 | 468 |
| 6 | 0 | 377 | 0 | 0 | 56 | 172 | 0 | 27 | 0 | 0 | 0 | 457 | 0 | 91 |
| 7 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17441 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | | |
| 1 | 0 | 141 | 49 | 212 | 0 | 0 | 0 | 0 | 0 | 0 | 413 | 496 | 0 | 0 |
| 2 | 0 | 123 | 0 | 2 | 5 | 326 | 0 | 0 | 0 | 0 | 3 | 740 | 0 | 314 |
| 3 | 0 | 701 | 0 | 0 | 0 | 53 | 0 | 0 | 0 | 0 | 0 | 954 | 0 | 62 |
| 4 | 15 | 195 | 0 | 67 | 55 | 800 | 0 | 13 | 0 | 92 | 85 | 2689 | 0 | 756 |
| 5 | 0 | 172 | 0 | 0 | 0 | 332 | 0 | 0 | 0 | 141 | 0 | 1407 | 0 | 676 |
| 6 | 23 | 122 | 32 | 0 | 49 | 75 | 28 | 10 | 0 | 107 | 257 | 497 | 0 | 115 |
| 7 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 6 | 0 | 27 | 0 | 1 |
| 8 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 24 | 0 | 0 | 53 | 70 | 0 | 24 | 17358 | 2 | 0 | 1 | 0 | 119 |
| SOIL LOSS: | | | | | | | | | | | | | | |
| 1 | 0 | 726 | 10 | 196 | 6 | 0 | 0 | 0 | 0 | 0 | 16 | 357 | 0 | 49 |
| 2 | 28 | 97 | 2 | 3 | 0 | 293 | 0 | 0 | 0 | 14 | 29 | 705 | 0 | 290 |
| 3 | 1 | 227 | 0 | 0 | 0 | 38 | 0 | 0 | 0 | 0 | 568 | 856 | 0 | 54 |
| 4 | 0 | 14 | 15 | 15 | 0 | 644 | 8 | 0 | 0 | 151 | 30 | 2693 | 0 | 768 |
| 5 | 0 | 163 | 0 | 0 | 68 | 298 | 0 | 127 | 0 | 96 | 0 | 787 | 0 | 315 |
| 6 | 0 | 73 | 0 | 0 | 77 | 22 | 0 | 24 | 0 | 0 | 0 | 100 | 0 | 73 |
| 7 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17373 | 0 | 0 | 0 | 0 | 0 |

TABLE 9.4 DRYLAND CROP PRODUCTION (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN MISSOURI

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEAN BU | SGRBEET TONS | WHEAT BU |
|----------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|---------------|-----------------|-------------|
| TREND: | | | | | | | | | | | | | |
| 1 | 0 | 19222 | 429 | 447 | 20 | 0 | 27 | 0 | 0 | 5639 | 20120 | 0 | 2920 |
| 2 | 633 | 10639 | 32 | 3 | 20 | 1044 | 0 | 0 | 534 | 220 | 32720 | 0 | 14373 |
| 3 | 0 | 48729 | 0 | 0 | 0 | 265 | 0 | 0 | 0 | 2978 | 38410 | 0 | 2719 |
| 4 | 4555 | 10607 | 0 | 1 | 296 | 2032 | 1259 | 0 | 7596 | 487 | 103068 | 0 | 28930 |
| 5 | 0 | 15129 | 0 | 0 | 0 | 448 | 0 | 0 | 3462 | 0 | 36098 | 0 | 20257 |
| 6 | 0 | 28638 | 0 | 0 | 226 | 445 | 2349 | 0 | 0 | 0 | 14957 | 0 | 3896 |
| 7 | 0 | 40 | 0 | 0 | 0 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4758 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | | | | | | | | | | | | | |
| 1 | 0 | 19887 | 437 | 453 | 14 | 159 | 0 | 0 | 0 | 5749 | 20228 | 0 | 3204 |
| 2 | 607 | 10916 | 32 | 3 | 24 | 1084 | 329 | 0 | 534 | 254 | 33830 | 0 | 14768 |
| 3 | 0 | 57980 | 0 | 0 | 0 | 219 | 0 | 0 | 0 | 1972 | 40343 | 0 | 2591 |
| 4 | 4831 | 10639 | 0 | 1 | 122 | 2006 | 175 | 0 | 7596 | 472 | 100359 | 0 | 29218 |
| 5 | 0 | 14048 | 0 | 0 | 140 | 207 | 1519 | 0 | 3462 | 0 | 28060 | 0 | 14868 |
| 6 | 0 | 19570 | 0 | 0 | 168 | 431 | 717 | 0 | 0 | 0 | 12709 | 0 | 4530 |
| 7 | 0 | 37 | 0 | 0 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4745 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | | | | | | | | | | | | | |
| 1 | 0 | 18770 | 426 | 447 | 43 | 0 | 131 | 0 | 0 | 5713 | 20334 | 0 | 2343 |
| 2 | 644 | 11217 | 32 | 3 | 20 | 1007 | 0 | 0 | 534 | 87 | 32725 | 0 | 14621 |
| 3 | 0 | 48698 | 0 | 0 | 2 | 226 | 49 | 0 | 0 | 2980 | 38556 | 0 | 2403 |
| 4 | 3630 | 12607 | 0 | 1 | 100 | 1277 | 0 | 0 | 7596 | 486 | 85324 | 0 | 21856 |
| 5 | 0 | 16095 | 0 | 0 | 0 | 273 | 0 | 0 | 3462 | 0 | 31188 | 0 | 17502 |
| 6 | 0 | 32034 | 0 | 0 | 43 | 179 | 815 | 0 | 0 | 0 | 17240 | 0 | 2540 |
| 7 | 0 | 34 | 0 | 0 | 0 | 38 | 0 | 0 | 0 | 0 | 10 | 0 | 21 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5057 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | | | | | | | | | | | | | |
| 1 | 0 | 18777 | 429 | 453 | 42 | 0 | 129 | 0 | 0 | 5749 | 20429 | 0 | 2966 |
| 2 | 633 | 10925 | 32 | 3 | 21 | 1083 | 305 | 0 | 534 | 265 | 33867 | 0 | 14717 |
| 3 | 0 | 57974 | 0 | 0 | 0 | 219 | 0 | 0 | 0 | 1973 | 40351 | 0 | 2589 |
| 4 | 8206 | 7004 | 0 | 1 | 95 | 965 | 0 | 0 | 7596 | 472 | 75104 | 0 | 15486 |
| 5 | 0 | 14373 | 0 | 0 | 0 | 200 | 0 | 0 | 3462 | 0 | 29629 | 0 | 15192 |
| 6 | 0 | 21944 | 0 | 0 | 51 | 277 | 219 | 0 | 0 | 0 | 12547 | 0 | 5042 |
| 7 | 0 | 32 | 0 | 0 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5050 | 0 | 0 | 0 | 0 | 0 |

TABLE 9.4 (CONTINUED)

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|-------------------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | |
| 1 | 0 | 19444 | 429 | 446 | 21 | 0 | 33 | 0 | 0 | 5639 | 20067 | 0 | 2919 |
| 2 | 633 | 10632 | 32 | 3 | 20 | 1040 | 0 | 0 | 534 | 219 | 32623 | 0 | 14334 |
| 3 | 0 | 48496 | 0 | 0 | 0 | 255 | 0 | 0 | 0 | 2986 | 38364 | 0 | 2650 |
| 4 | 3394 | 13503 | 0 | 1 | 302 | 2025 | 1780 | 0 | 7596 | 435 | 102312 | 0 | 28831 |
| 5 | 0 | 15445 | 0 | 0 | 0 | 473 | 0 | 0 | 3462 | 0 | 36715 | 0 | 20016 |
| 6 | 0 | 28532 | 0 | 0 | 202 | 453 | 2133 | 0 | 0 | 0 | 15238 | 0 | 4031 |
| 7 | 0 | 37 | 0 | 0 | 0 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4756 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | |
| 1 | 0 | 17453 | 757 | 446 | 0 | 0 | 0 | 0 | 0 | 5639 | 21399 | 0 | 0 |
| 2 | 0 | 14004 | 0 | 3 | 23 | 1089 | 0 | 0 | 0 | 33 | 33393 | 0 | 14663 |
| 3 | 0 | 73965 | 0 | 0 | 0 | 169 | 0 | 0 | 0 | 0 | 40935 | 0 | 2450 |
| 4 | 603 | 21611 | 0 | 124 | 218 | 2190 | 1212 | 0 | 4664 | 958 | 104430 | 0 | 28797 |
| 5 | 0 | 18960 | 0 | 0 | 0 | 776 | 0 | 0 | 5706 | 0 | 46001 | 0 | 28466 |
| 6 | 676 | 9835 | 371 | 0 | 197 | 195 | 840 | 0 | 4076 | 2677 | 16910 | 0 | 6841 |
| 7 | 0 | 28 | 0 | 0 | 0 | 41 | 0 | 0 | 220 | 0 | 637 | 0 | 30 |
| 8 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 1108 | 0 | 0 | 112 | 107 | 962 | 4743 | 78 | 0 | 20 | 0 | 23 |
| SOIL LOSS: | | | | | | | | | | | | | |
| 1 | 0 | 79646 | 128 | 410 | 25 | 0 | 48 | 0 | 0 | 173 | 15472 | 0 | 1603 |
| 2 | 1291 | 11187 | 29 | 6 | 0 | 998 | 0 | 0 | 566 | 299 | 32210 | 0 | 13332 |
| 3 | 42 | 28586 | 0 | 0 | 0 | 109 | 0 | 0 | 0 | 7037 | 35522 | 0 | 2184 |
| 4 | 0 | 1639 | 204 | 29 | 0 | 2362 | 0 | 0 | 7610 | 487 | 104807 | 0 | 30090 |
| 5 | 0 | 17264 | 0 | 0 | 213 | 673 | 11282 | 0 | 3540 | 0 | 27677 | 0 | 11304 |
| 6 | 0 | 8211 | 0 | 0 | 311 | 45 | 1849 | 0 | 0 | 0 | 3645 | 0 | 3495 |
| 7 | 0 | 0 | 0 | 0 | 0 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4744 | 0 | 0 | 0 | 0 | 0 |

TABLE 9.6 QUANTITIES OF CROP COMMODITIES PRODUCED (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN MISSOURI

| | | UNIT | PRODUCED | INTER | CONSUMED | NET EXPORT |
|----------------|----------|-------|----------|--------|----------|------------|
| TREND: | CORN | BU | 134713 | 61049 | 12377 | 61287 |
| | SORGHUM | BU | 11592 | 32850 | 248 | -21507 |
| | BARLEY | BU | 5138 | 1879 | 3789 | -480 |
| | OATS | BU | 3536 | 23888 | 2024 | -22276 |
| | WHEAT | BU | 73096 | 1638 | 14875 | 56583 |
| | SOYBEANS | BU | 248,250 | 32,874 | 8,714 | 206,659 |
| | COTTON | BALES | 452 | 0 | 142 | 310 |
| PRIME LANDS: | CORN | BU | 135438 | 61049 | 12377 | 62012 |
| | SORGHUM | BU | 11592 | 32850 | 248 | -21507 |
| | BARLEY | BU | 5438 | 1879 | 3789 | -230 |
| | OATS | BU | 2740 | 23888 | 2024 | -23172 |
| | WHEAT | BU | 69178 | 1638 | 14875 | 52666 |
| | SOYBEANS | BU | 238,443 | 32,874 | 8,714 | 196,852 |
| | COTTON | BALES | 458 | 0 | 142 | 315 |
| FRAGILE: | CORN | BU | 141791 | 61049 | 12377 | 68365 |
| | SORGHUM | BU | 11592 | 32850 | 248 | -21507 |
| | BARLEY | BU | 4274 | 1879 | 3789 | -1393 |
| | OATS | BU | 996 | 23888 | 2024 | -24916 |
| | WHEAT | BU | 61287 | 1638 | 14875 | 44774 |
| | SOYBEANS | BU | 228,254 | 32,874 | 8,714 | 186,663 |
| | COTTON | BALES | 452 | 0 | 142 | 309 |
| PRIME-FRAGILE: | CORN | BU | 133389 | 61049 | 12377 | 59964 |
| | SORGHUM | BU | 11592 | 32850 | 248 | -21507 |
| | BARLEY | BU | 8840 | 1879 | 3789 | 3172 |
| | OATS | BU | 653 | 23888 | 2024 | -25259 |
| | WHEAT | BU | 55992 | 1638 | 14875 | 39479 |
| | SOYBEANS | BU | 214,843 | 32,874 | 8,714 | 173,254 |
| | COTTON | BALES | 458 | 0 | 142 | 316 |
| ENV. CORR. | CORN | BU | 137791 | 61049 | 12377 | 64366 |
| | SORGHUM | BU | 11592 | 32850 | 248 | -21507 |
| | BARLEY | BU | 4028 | 1879 | 3789 | -1640 |
| | OATS | BU | 3946 | 23888 | 2024 | -21966 |
| | WHEAT | BU | 72781 | 1638 | 14875 | 56268 |
| | SOYBEANS | BU | 248,182 | 32,874 | 8,714 | 206,591 |
| | COTTON | BALES | 451 | 0 | 142 | 309 |
| HIGH EXPORT: | CORN | BU | 157766 | 61049 | 12377 | 84340 |
| | SORGHUM | BU | 14735 | 32850 | 248 | -18363 |
| | BARLEY | BU | 1279 | 1879 | 3789 | -4389 |
| | OATS | BU | 3018 | 23888 | 2024 | -22894 |
| | WHEAT | BU | 79269 | 1638 | 14875 | 62756 |
| | SOYBEANS | BU | 267,376 | 32,874 | 8,714 | 225,787 |
| | COTTON | BALES | 574 | 0 | 142 | 431 |
| SOIL LOSS: | CORN | BU | 147152 | 61049 | 12377 | 73727 |
| | SORGHUM | BU | 11718 | 32850 | 248 | -21381 |
| | BARLEY | BU | 1333 | 1879 | 3789 | -4335 |
| | OATS | BU | 13179 | 23888 | 2024 | -12732 |
| | WHEAT | BU | 62009 | 1638 | 14875 | 45496 |
| | SOYBEANS | BU | 222,770 | 32,874 | 8,714 | 181,182 |
| | COTTON | BALES | 446 | 0 | 142 | 304 |

TABLE 9.7 RESOURCE USE IN CROP PRODUCTION (THOUSANDS OF DOLLARS) UNDER ALTERNATIVE FUTURES IN MISSOURI

| | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|------------|--------|-------|-------|--------|----------|--------|-------|
| TREND: | | | | | | | |
| BARLEY | 1694 | 0 | 432 | 28 | 425 | 3132 | 961 |
| CORN G | 43184 | 112 | 9851 | 37614 | 12911 | 77007 | 5967 |
| CORN S | 5621 | 35 | 1893 | 499 | 1092 | 8580 | 554 |
| COTTON | 15787 | 22 | 10329 | 4026 | 3921 | 28367 | 2689 |
| HAY L | 6580 | 8 | 1751 | 158 | 2147 | 10132 | 1550 |
| HAY N | 13208 | 0 | 9678 | 78684 | 5092 | 64569 | 8924 |
| S FALLOW | 22 | 0 | 5 | 0 | 0 | 17 | 0 |
| OATS | 475 | 0 | 104 | 219 | 153 | 643 | 20 |
| SORG G | 740 | 0 | 781 | 5514 | 557 | 6529 | 211 |
| SORG S | 17159 | 20 | 6528 | 635 | 1666 | 34708 | 1802 |
| SOYBEANS | 120355 | 0 | 28930 | 195404 | 62603 | 284937 | 8308 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 23816 | 0 | 9061 | 51324 | 8428 | 62067 | 2735 |

PRIME LANDS:

| | | | | | | | |
|------------|--------|-----|-------|--------|-------|--------|------|
| BARLEY | 1490 | 0 | 442 | 29 | 439 | 3189 | 99 |
| CORN G | 42188 | 118 | 9943 | 26440 | 13119 | 77681 | 6047 |
| CORN S | 5031 | 35 | 1909 | 506 | 1098 | 8655 | 558 |
| COTTON | 15167 | 22 | 10353 | 4039 | 3934 | 28432 | 2698 |
| HAY L | 6116 | 12 | 1776 | 345 | 2181 | 10250 | 1588 |
| HAY N | 11243 | 0 | 8876 | 74028 | 4913 | 59130 | 8147 |
| S FALLOW | 13 | 0 | 4 | 0 | 0 | 15 | 0 |
| OATS | 453 | 0 | 98 | 487 | 141 | 606 | 18 |
| SORG G | 524 | 0 | 781 | 5393 | 557 | 6529 | 211 |
| SORG S | 15464 | 20 | 5881 | 519 | 1520 | 31185 | 1621 |
| SOYBEANS | 108886 | 0 | 27990 | 180270 | 61098 | 274787 | 8072 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 10365 | 0 | 8382 | 48398 | 7897 | 57370 | 2534 |

FRAGILE:

| | | | | | | | |
|------------|--------|-----|-------|--------|-------|--------|------|
| BARLEY | 1536 | 0 | 385 | 41 | 384 | 2821 | 88 |
| CORN G | 46432 | 116 | 10152 | 30115 | 13326 | 79341 | 6128 |
| CORN S | 5966 | 35 | 1887 | 497 | 1089 | 8550 | 552 |
| COTTON | 16238 | 22 | 10328 | 4026 | 3920 | 28362 | 2689 |
| HAY L | 6459 | 12 | 1514 | 461 | 1834 | 8623 | 1386 |
| HAY N | 9490 | 3 | 6637 | 51837 | 3664 | 44009 | 6297 |
| S FALLOW | 26 | 0 | 5 | 0 | 0 | 17 | 0 |
| OATS | 481 | 0 | 71 | 528 | 86 | 427 | 15 |
| SORG G | 848 | 0 | 781 | 5408 | 557 | 6529 | 211 |
| SORG S | 17504 | 20 | 6537 | 647 | 1669 | 34753 | 1808 |
| SOYBEANS | 122673 | 0 | 26678 | 138774 | 58124 | 259915 | 7655 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 23215 | 0 | 7169 | 35750 | 7853 | 52501 | 2415 |

PRIME FRAGILE:

| | | | | | | | |
|------------|--------|-----|-------|--------|-------|--------|------|
| BARLEY | 2554 | 0 | 632 | 43 | 602 | 4458 | 131 |
| CORN G | 41613 | 118 | 9947 | 26738 | 13108 | 77714 | 6043 |
| CORN S | 5036 | 35 | 1893 | 499 | 1092 | 8580 | 554 |
| COTTON | 15285 | 22 | 10419 | 4063 | 3957 | 28613 | 2714 |
| HAY L | 5828 | 12 | 1518 | 527 | 1842 | 8647 | 1387 |
| HAY N | 9102 | 0 | 5975 | 40898 | 3550 | 39431 | 5622 |
| S FALLOW | 10 | 0 | 4 | 0 | 0 | 15 | 0 |
| OATS | 477 | 0 | 72 | 733 | 90 | 431 | 15 |
| SORG G | 461 | 0 | 781 | 5408 | 557 | 6529 | 211 |
| SORG S | 15501 | 20 | 5893 | 531 | 1521 | 31243 | 1621 |
| SOYBEANS | 109228 | 0 | 25131 | 112365 | 55362 | 243625 | 7264 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 18633 | 0 | 6969 | 27886 | 7111 | 47021 | 2152 |

TABLE 9.7 (CONTINUED)

| | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|-------------------------|--------|-------|-------|--------|----------|--------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| BARLEY | 1299 | 0 | 369 | 27 | 369 | 2710 | 85 |
| CORN G | 43448 | 112 | 9917 | 37843 | 12988 | 77509 | 5996 |
| CORN S | 5629 | 35 | 1893 | 499 | 1092 | 8580 | 554 |
| COTTON | 15743 | 22 | 10308 | 4018 | 3913 | 28309 | 2684 |
| HAY L | 6614 | 8 | 1751 | 211 | 2149 | 10134 | 1551 |
| HAY N | 13175 | 0 | 9672 | 79342 | 5087 | 64563 | 8924 |
| S FALLOW | 22 | 0 | 5 | 0 | 0 | 17 | 0 |
| OATS | 563 | 0 | 115 | 312 | 128 | 720 | 22 |
| SORG G | 738 | 0 | 781 | 5514 | 557 | 6529 | 211 |
| SORG S | 17150 | 20 | 6525 | 636 | 1665 | 34645 | 1801 |
| SOYBEANS | 120045 | 0 | 29012 | 197291 | 62719 | 285851 | 8321 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 23625 | 0 | 9045 | 51701 | 8406 | 61964 | 2728 |

HIGH EXPORT:

| | | | | | | | |
|------------|--------|-----|-------|--------|-------|--------|------|
| BARLEY | 771 | 0 | 175 | 24635 | 213 | 1399 | 55 |
| CORN G | 136949 | 107 | 10312 | 83294 | 14310 | 79278 | 6610 |
| CORN S | 10390 | 39 | 1505 | 267 | 848 | 6441 | 375 |
| COTTON | 37262 | 22 | 14115 | 5102 | 4857 | 37080 | 3418 |
| HAY L | 15054 | 7 | 1674 | 403 | 2180 | 9866 | 1488 |
| HAY N | 76851 | 0 | 10286 | 81640 | 5315 | 68754 | 9479 |
| S FALLOW | 73 | 0 | 17 | 0 | 0 | 59 | 0 |
| OATS | 1332 | 0 | 149 | 354 | 268 | 944 | 32 |
| SORG G | 5594 | 0 | 847 | 20461 | 543 | 7070 | 211 |
| SORG S | 39004 | 21 | 6986 | 2572 | 1729 | 37233 | 1823 |
| SOYBEANS | 417099 | 0 | 30914 | 242757 | 67172 | 305093 | 8848 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 119713 | 0 | 10889 | 50106 | 10009 | 74111 | 3331 |

SOIL LOSS:

| | | | | | | | |
|------------|--------|-----|-------|--------|-------|--------|------|
| BARLEY | 889 | 0 | 387 | 48 | 404 | 3107 | 104 |
| CORN G | 56885 | 117 | 8900 | 25598 | 13089 | 68799 | 6030 |
| CORN S | 4398 | 28 | 1630 | 312 | 923 | 7298 | 444 |
| COTTON | 14937 | 22 | 10473 | 11044 | 4394 | 28759 | 3012 |
| HAY L | 1503 | 7 | 2240 | 771 | 2796 | 12820 | 2033 |
| HAY N | 13149 | 0 | 9888 | 77488 | 4984 | 66312 | 9139 |
| S FALLOW | 32 | 0 | 5 | 0 | 0 | 17 | 0 |
| OATS | 560 | 0 | 279 | 185 | 303 | 1735 | 84 |
| SORG G | 863 | 0 | 820 | 5465 | 557 | 6877 | 211 |
| SORG S | 13883 | 20 | 6837 | 963 | 1605 | 36089 | 1722 |
| SOYBEANS | 121250 | 0 | 24952 | 194554 | 55536 | 245518 | 7035 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 16785 | 0 | 6400 | 51281 | 5202 | 45091 | 1690 |

CHAPTER 10. NEBRASKA

Note: Dryland crop acreage in table 2 of this chapter includes the acreage on land that could have been irrigated.

TABLE 10.1 LAND USE (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN NEBRASKA

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXOG USED | TOT USED |
|-----------------------|-----------|---------|---------|----------|----------|-----------|----------|
| TREND: | | | | | | | |
| LC 1-0 | 954 | 61 | -9 | 940 | 0 | 13 | 954 |
| LC 2-0 | 3515 | 0 | -57 | 3439 | 0 | 76 | 3515 |
| LC 3-0 | 1811 | 0 | -38 | 1772 | 0 | 40 | 1811 |
| LC 4-0 | 4372 | 0 | -85 | 3403 | 0 | 95 | 3498 |
| LC 5-0 | 486 | 0 | -5 | 301 | 0 | 9 | 310 |
| LC 6-0 | 1922 | 0 | -47 | 224 | 0 | 42 | 265 |
| LC 7-0 | 42 | 0 | -2 | 1 | 0 | 1 | 2 |
| LC 8-0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 809 | 0 | 0 | 119 | 0 | 14 | 132 |
| LC 1-1 | 2451 | 0 | 144 | 0 | 2419 | 31 | 2451 |
| LC 2-1 | 1178 | 0 | 54 | 154 | 996 | 27 | 1178 |
| LC 3-1 | 905 | 0 | 33 | 669 | 218 | 18 | 905 |
| LC 4-1 | 443 | 0 | 22 | 4 | 228 | 6 | 238 |
| LC 5-1 | 124 | 0 | 5 | 59 | 52 | 2 | 113 |
| LC 6-1 | 208 | 0 | 10 | 18 | 11 | 5 | 33 |
| LC 7-1 | 49 | 0 | 3 | 1 | 3 | 1 | 5 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 23 | 0 | 1 | 0 | 16 | 0 | 16 |
| PAST D | 27895 | -91 | 0 | 27895 | 0 | 0 | 27895 |
| PAST I | 150 | 0 | 0 | 147 | 4 | 0 | 150 |
| LC 1 TO 5 | 16239 | 61 | 65 | 10741 | 3914 | 318 | 14973 |
| LC 6 TO 9 | 3059 | 0 | -36 | 363 | 30 | 63 | 455 |
| TOT CRPLND | 19298 | 61 | 29 | 11104 | 3944 | 380 | 15428 |
| PRIME LANDS: | | | | | | | |
| LC 1-0 | 967 | 61 | -9 | 954 | 0 | 13 | 967 |
| LC 2-0 | 3549 | 0 | -57 | 3472 | 0 | 76 | 3549 |
| LC 3-0 | 1830 | 0 | -38 | 1790 | 0 | 40 | 1830 |
| LC 4-0 | 4336 | 0 | -84 | 3254 | 0 | 95 | 3349 |
| LC 5-0 | 483 | 0 | -5 | 301 | 0 | 9 | 309 |
| LC 6-0 | 1404 | 0 | -45 | 222 | 0 | 42 | 265 |
| LC 7-0 | 41 | 0 | -2 | 1 | 0 | 1 | 2 |
| LC 8-0 | 6 | 0 | -1 | 0 | 0 | 0 | 0 |
| LC 9-0 | 803 | 0 | 0 | 118 | 0 | 14 | 132 |
| LC 1-1 | 2465 | 0 | 145 | 0 | 2433 | 31 | 2465 |
| LC 2-1 | 1188 | 0 | 54 | 412 | 749 | 27 | 1188 |
| LC 3-1 | 913 | 0 | 33 | 374 | 521 | 18 | 913 |
| LC 4-1 | 443 | 0 | 22 | 24 | 206 | 6 | 236 |
| LC 5-1 | 123 | 0 | 5 | 60 | 51 | 2 | 114 |
| LC 6-1 | 210 | 0 | 10 | 18 | 3 | 5 | 26 |
| LC 7-1 | 51 | 0 | 3 | 2 | 3 | 1 | 5 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 25 | 0 | 1 | 0 | 16 | 0 | 16 |
| PAST D | 27889 | -91 | 0 | 27889 | 0 | 0 | 27889 |
| PAST I | 150 | 0 | 0 | 147 | 4 | 0 | 150 |
| LC 1 TO 5 | 16297 | 61 | 66 | 10642 | 3961 | 318 | 14920 |
| LC 6 TO 9 | 3041 | 0 | -36 | 362 | 22 | 63 | 446 |
| TOT CRPLND | 19338 | 61 | 29 | 11004 | 3982 | 380 | 15366 |
| FRAGILE: | | | | | | | |
| LC 1-0 | 946 | 63 | -11 | 933 | 0 | 13 | 946 |
| LC 2-0 | 3431 | 0 | -71 | 3355 | 0 | 76 | 3431 |
| LC 3-0 | 1757 | 0 | -48 | 1717 | 0 | 40 | 1757 |
| LC 4-0 | 4261 | 0 | -106 | 3540 | 0 | 95 | 3634 |
| LC 5-0 | 479 | 0 | -7 | 391 | 0 | 9 | 400 |
| LC 6-0 | 1337 | 0 | -6 | 92 | 0 | 42 | 134 |
| LC 7-0 | 38 | 0 | -3 | 1 | 0 | 1 | 2 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 14 | 0 | 0 | 0 | 0 | 14 | 14 |
| LC 1-1 | 2484 | 0 | 151 | 0 | 2452 | 31 | 2484 |
| LC 2-1 | 1198 | 0 | 59 | 453 | 717 | 27 | 1198 |
| LC 3-1 | 916 | 0 | 35 | 379 | 519 | 18 | 916 |
| LC 4-1 | 452 | 0 | 24 | 217 | 228 | 6 | 452 |
| LC 5-1 | 125 | 0 | 6 | 71 | 52 | 2 | 125 |
| LC 6-1 | 86 | 0 | 2 | 18 | 22 | 5 | 45 |
| LC 7-1 | 52 | 0 | 3 | 2 | 1 | 1 | 3 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST D | 29623 | -95 | 0 | 29623 | 0 | 0 | 29623 |
| PAST I | 231 | 0 | 0 | 227 | 4 | 0 | 231 |
| LC 1 TO 5 | 16049 | 63 | 31 | 11056 | 3969 | 318 | 15343 |
| LC 6 TO 9 | 1527 | 0 | -5 | 113 | 24 | 63 | 199 |
| TOT CRPLND | 17576 | 63 | 27 | 11169 | 3993 | 380 | 15542 |
| PRIME-FRAGILE: | | | | | | | |
| LC 1-0 | 1414 | 26 | -11 | 1401 | 0 | 13 | 1414 |
| LC 2-0 | 3783 | 0 | -69 | 3707 | 0 | 76 | 3783 |
| LC 3-0 | 1982 | 0 | -46 | 1942 | 0 | 40 | 1982 |
| LC 4-0 | 4313 | 0 | -102 | 2853 | 0 | 95 | 2948 |
| LC 5-0 | 504 | 0 | -6 | 210 | 0 | 9 | 218 |
| LC 6-0 | 1332 | 0 | +6 | 71 | 0 | 42 | 113 |
| LC 7-0 | 50 | 0 | -3 | 1 | 0 | 1 | 2 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 14 | 0 | 0 | 0 | 0 | 14 | 14 |
| LC 1-1 | 2496 | 0 | 150 | 0 | 2464 | 31 | 2496 |
| LC 2-1 | 1204 | 0 | 56 | 309 | 868 | 27 | 1204 |
| LC 3-1 | 922 | 0 | 35 | 508 | 396 | 18 | 922 |
| LC 4-1 | 448 | 0 | 23 | 183 | 204 | 6 | 393 |
| LC 5-1 | 124 | 0 | 5 | 61 | 52 | 2 | 115 |
| LC 6-1 | 85 | 0 | 1 | 6 | 22 | 5 | 32 |
| LC 7-1 | 52 | 0 | 3 | 2 | 1 | 1 | 3 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST D | 29553 | -56 | 0 | 29553 | 0 | 0 | 29553 |
| PAST I | 214 | 0 | 0 | 211 | 4 | 0 | 214 |
| LC 1 TO 5 | 17189 | 26 | 34 | 11174 | 3984 | 318 | 15475 |
| LC 6 TO 9 | 1532 | 0 | -5 | 79 | 23 | 63 | 165 |
| TOT CRPLND | 18721 | 26 | 30 | 11253 | 4007 | 380 | 15640 |

TABLE 10.1 (CONTINUED)

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXOG USED | TOT USED |
|--------------------------------|-----------|---------|---------|----------|----------|-----------|----------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| LC 1-0 | 955 | 61 | -9 | 941 | 0 | 13 | 955 |
| LC 2-0 | 3508 | 00 | -57 | 3432 | 00 | 76 | 3508 |
| LC 3-0 | 1810 | 00 | -38 | 1770 | 00 | 40 | 1810 |
| LC 4-0 | 4370 | 00 | -85 | 3392 | 00 | 95 | 3487 |
| LC 5-0 | 486 | 00 | -5 | 305 | 00 | 9 | 313 |
| LC 6-0 | 1920 | 00 | -47 | 224 | 00 | 42 | 266 |
| LC 7-0 | 41 | 00 | -2 | 1 | 00 | 1 | 2 |
| LC 8-0 | 6 | 00 | 0 | 0 | 00 | 0 | 0 |
| LC 9-0 | 808 | 00 | 0 | 118 | 00 | 14 | 132 |
| LC 1-1 | 2452 | 00 | 144 | 0 | 2421 | 31 | 2452 |
| LC 2-1 | 1181 | 00 | 54 | 154 | 1000 | 27 | 1181 |
| LC 3-1 | 907 | 00 | 33 | 662 | 227 | 18 | 907 |
| LC 4-1 | 446 | 00 | 22 | 3 | 230 | 6 | 239 |
| LC 5-1 | 123 | 00 | 5 | 60 | 52 | 2 | 114 |
| LC 6-1 | 211 | 00 | 10 | 19 | 12 | 5 | 35 |
| LC 7-1 | 51 | 00 | 3 | 2 | 3 | 1 | 5 |
| LC 8-1 | 0 | 00 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 25 | 00 | 1 | 0 | 16 | 0 | 16 |
| PAST 0 | 27895 | -91 | 00 | 27895 | 00 | 0 | 27895 |
| PAST 1 | 134 | 00 | 00 | 147 | -13 | 0 | 134 |
| LC 1 TO 5 | 16239 | 61 | 55 | 10720 | 3929 | 318 | 14966 |
| LC 6 TO 9 | 3062 | 00 | -36 | 363 | 31 | 63 | 457 |
| TOT (RPLND) | 19301 | 61 | 29 | 11083 | 3760 | 380 | 15423 |
| HIGH EXPORT: | | | | | | | |
| LC 1-0 | 1011 | 118 | -9 | 991 | 0 | 13 | 1011 |
| LC 2-0 | 3515 | 00 | -57 | 3439 | 00 | 76 | 3515 |
| LC 3-0 | 1811 | 00 | -38 | 1772 | 00 | 40 | 1811 |
| LC 4-0 | 4372 | 00 | -85 | 4277 | 00 | 95 | 4372 |
| LC 5-0 | 486 | 00 | -5 | 478 | 00 | 9 | 486 |
| LC 6-0 | 1922 | 00 | -47 | 1879 | 00 | 42 | 1922 |
| LC 7-0 | 42 | 00 | -2 | 41 | 00 | 1 | 42 |
| LC 8-0 | 6 | 00 | 0 | 0 | 00 | 0 | 0 |
| LC 9-0 | 809 | 00 | 0 | 300 | 00 | 14 | 314 |
| LC 1-1 | 2451 | 00 | 144 | 0 | 2419 | 31 | 2451 |
| LC 2-1 | 1178 | 00 | 54 | 259 | 892 | 27 | 1178 |
| LC 3-1 | 905 | 00 | 33 | 382 | 505 | 18 | 905 |
| LC 4-1 | 443 | 00 | 22 | 235 | 201 | 6 | 443 |
| LC 5-1 | 124 | 00 | 5 | 70 | 52 | 2 | 124 |
| LC 6-1 | 208 | 00 | 10 | 170 | 33 | 5 | 208 |
| LC 7-1 | 49 | 00 | 3 | 45 | 3 | 1 | 49 |
| LC 8-1 | 0 | 00 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 23 | 00 | 1 | 18 | 0 | 0 | 18 |
| PAST 0 | 27835 | -151 | 00 | 27835 | 00 | 0 | 27835 |
| PAST 1 | 150 | 00 | 00 | 147 | 4 | 0 | 150 |
| LC 1 TO 5 | 16296 | 118 | 55 | 11909 | 4069 | 318 | 16296 |
| LC 6 TO 9 | 3059 | 00 | -36 | 2454 | 36 | 63 | 2552 |
| TOT (RPLND) | 19355 | 118 | 29 | 14363 | 4105 | 380 | 18848 |
| SOIL LOSS: | | | | | | | |
| LC 1-0 | 956 | 63 | -9 | 942 | 0 | 13 | 956 |
| LC 2-0 | 3515 | 00 | -57 | 3439 | 00 | 76 | 3515 |
| LC 3-0 | 1811 | 00 | -38 | 1772 | 00 | 40 | 1811 |
| LC 4-0 | 4372 | 00 | -85 | 2898 | 00 | 95 | 2993 |
| LC 5-0 | 486 | 00 | -5 | 451 | 00 | 9 | 459 |
| LC 6-0 | 1922 | 00 | -47 | 623 | 00 | 42 | 665 |
| LC 7-0 | 42 | 00 | -2 | 1 | 00 | 1 | 2 |
| LC 8-0 | 6 | 00 | 0 | 0 | 00 | 0 | 0 |
| LC 9-0 | 809 | 00 | 0 | 119 | 00 | 14 | 132 |
| LC 1-1 | 2451 | 00 | 144 | 0 | 2419 | 31 | 2451 |
| LC 2-1 | 1178 | 00 | 54 | 521 | 629 | 27 | 1178 |
| LC 3-1 | 905 | 00 | 33 | 385 | 502 | 18 | 905 |
| LC 4-1 | 443 | 00 | 22 | 109 | 228 | 6 | 344 |
| LC 5-1 | 124 | 00 | 5 | 12 | 109 | 2 | 124 |
| LC 6-1 | 208 | 00 | 10 | 73 | 33 | 5 | 110 |
| LC 7-1 | 49 | 00 | 3 | 1 | 2 | 1 | 3 |
| LC 8-1 | 0 | 00 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 23 | 00 | 1 | 0 | 16 | 0 | 16 |
| PAST 0 | 27890 | -95 | 00 | 27890 | 00 | 0 | 27890 |
| PAST 1 | 150 | 00 | 00 | 147 | 4 | 0 | 150 |
| LC 1 TO 5 | 16241 | 63 | 65 | 10529 | 3889 | 318 | 14735 |
| LC 6 TO 9 | 3059 | 00 | -36 | 817 | 50 | 63 | 930 |
| TOT (RPLND) | 19400 | 63 | 29 | 11345 | 3939 | 380 | 15665 |

TABLE 10.2 DRYLAND CROP ACREAGES (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN NEBRASKA

| | LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEAN | SGRBEET | WHEAT |
|----------------|------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|---------|---------|-------|
| TREND: | 1 | 0 | 116 | 103 | 0 | 40 | 0 | 55 | 7 | 0 | 106 | 109 | 193 | 0 | 237 |
| | 2 | 17 | 641 | 12 | 0 | 506 | 82 | 69 | 167 | 0 | 406 | 27 | 712 | 0 | 716 |
| | 3 | 3 | 100 | 33 | 0 | 400 | 565 | 143 | 64 | 0 | 165 | 83 | 177 | 0 | 535 |
| | 4 | 0 | 38 | 42 | 0 | 21 | 171 | 419 | 64 | 0 | 1465 | 41 | 461 | 0 | 816 |
| | 5 | 1 | 0 | 0 | 0 | 0 | 149 | 53 | 3 | 0 | 52 | 0 | 4 | 0 | 127 |
| | 6 | 0 | 20 | 0 | 0 | 0 | 0 | 87 | 0 | 0 | 30 | 0 | 0 | 0 | 71 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 114 | 0 | 2 | 28012 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | 1 | 0 | 119 | 99 | 0 | 45 | 33 | 55 | 9 | 0 | 94 | 110 | 179 | 0 | 225 |
| | 2 | 24 | 564 | 28 | 0 | 610 | 219 | 90 | 206 | 0 | 476 | 36 | 695 | 0 | 684 |
| | 3 | 2 | 146 | 38 | 0 | 404 | 133 | 189 | 65 | 0 | 170 | 85 | 178 | 0 | 588 |
| | 4 | 0 | 73 | 0 | 0 | 18 | 172 | 405 | 63 | 0 | 1380 | 36 | 436 | 0 | 601 |
| | 5 | 1 | 0 | 0 | 0 | 0 | 149 | 53 | 3 | 0 | 52 | 0 | 4 | 0 | 127 |
| | 6 | 0 | 19 | 0 | 0 | 0 | 0 | 86 | 0 | 0 | 30 | 0 | 0 | 0 | 71 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 115 | 0 | 0 | 28006 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | 1 | 0 | 102 | 95 | 0 | 46 | 90 | 54 | 10 | 0 | 69 | 128 | 147 | 0 | 133 |
| | 2 | 23 | 648 | 8 | 0 | 725 | 0 | 69 | 249 | 0 | 458 | 0 | 734 | 0 | 640 |
| | 3 | 2 | 118 | 38 | 0 | 543 | 154 | 136 | 179 | 0 | 175 | 87 | 94 | 0 | 294 |
| | 4 | 0 | 70 | 45 | 0 | 0 | 783 | 454 | 46 | 0 | 1380 | 41 | 362 | 0 | 551 |
| | 5 | 1 | 3 | 0 | 0 | 0 | 256 | 55 | 3 | 0 | 52 | 0 | 6 | 0 | 112 |
| | 6 | 0 | 0 | 0 | 0 | 0 | 33 | 28 | 0 | 0 | 13 | 0 | 0 | 0 | 25 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28822 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | 1 | 0 | 174 | 104 | 0 | 52 | 310 | 58 | 13 | 0 | 107 | 115 | 221 | 0 | 241 |
| | 2 | 14 | 568 | 29 | 0 | 755 | 21 | 110 | 259 | 0 | 535 | 36 | 721 | 0 | 707 |
| | 3 | 3 | 63 | 34 | 0 | 351 | 558 | 85 | 111 | 0 | 229 | 77 | 178 | 0 | 441 |
| | 4 | 0 | 105 | 0 | 0 | 0 | 147 | 437 | 49 | 0 | 1301 | 36 | 350 | 0 | 544 |
| | 5 | 1 | 3 | 0 | 0 | 0 | 159 | 29 | 3 | 0 | 0 | 0 | 5 | 0 | 89 |
| | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 13 | 0 | 0 | 0 | 24 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29874 | 0 | 0 | 0 | 0 | 0 |

TABLE 10.2 (CONTINUED)

| LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEANS | SGRBEET | WHEAT |
|--------------------------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|----------|---------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | | |
| 1 | 5 | 118 | 90 | 0 | 41 | 0 | 54 | 8 | 0 | 106 | 109 | 191 | 0 | 236 |
| 2 | 21 | 656 | 3 | 0 | 503 | 49 | 64 | 166 | 0 | 397 | 32 | 731 | 0 | 718 |
| 3 | 2 | 86 | 38 | 0 | 399 | 596 | 129 | 64 | 0 | 166 | 91 | 176 | 0 | 521 |
| 4 | 0 | 39 | 40 | 0 | 21 | 193 | 418 | 63 | 0 | 1453 | 41 | 452 | 0 | 607 |
| 5 | 1 | 0 | 0 | 0 | 0 | 150 | 53 | 3 | 0 | 62 | 0 | 6 | 0 | 127 |
| 6 | 0 | 20 | 0 | 0 | 0 | 0 | 87 | 0 | 0 | 30 | 0 | 0 | 0 | 71 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 114 | 0 | 1 | 2901 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | | |
| 1 | 0 | 443 | 53 | 0 | 28 | 0 | 0 | 2 | 0 | 103 | 0 | 269 | 0 | 113 |
| 2 | 48 | 651 | 0 | 0 | 445 | 0 | 62 | 149 | 0 | 444 | 7 | 824 | 0 | 721 |
| 3 | 0 | 219 | 27 | 0 | 339 | 0 | 219 | 54 | 0 | 219 | 54 | 193 | 0 | 674 |
| 4 | 0 | 312 | 246 | 0 | 118 | 80 | 567 | 65 | 0 | 1168 | 83 | 592 | 0 | 1188 |
| 5 | 0 | 70 | 0 | 0 | 0 | 149 | 27 | 3 | 0 | 86 | 0 | 95 | 0 | 139 |
| 6 | 0 | 31 | 142 | 0 | 0 | 584 | 413 | 19 | 0 | 318 | 0 | 113 | 0 | 607 |
| 7 | 0 | 16 | 0 | 0 | 0 | 0 | 25 | 0 | 0 | 18 | 0 | 0 | 0 | 27 |
| 8 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 115 | 53 | 12 | 27893 | 0 | 0 | 0 | 0 | 97 |
| SOIL LOSS: | | | | | | | | | | | | | | |
| 1 | 7 | 108 | 92 | 0 | 28 | 0 | 55 | 2 | 0 | 106 | 154 | 200 | 0 | 205 |
| 2 | 49 | 601 | 5 | 0 | 486 | 0 | 66 | 162 | 0 | 525 | 9 | 879 | 0 | 871 |
| 3 | 1 | 168 | 38 | 0 | 365 | 73 | 214 | 58 | 0 | 177 | 90 | 175 | 0 | 621 |
| 4 | 0 | 0 | 65 | 0 | 51 | 207 | 410 | 71 | 0 | 1349 | 41 | 303 | 0 | 444 |
| 5 | 1 | 18 | 0 | 0 | 0 | 105 | 81 | 1 | 0 | 97 | 0 | 23 | 0 | 172 |
| 6 | 0 | 31 | 0 | 0 | 0 | 454 | 86 | 0 | 0 | 25 | 0 | 0 | 0 | 68 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 116 | 0 | 0 | 28003 | 0 | 0 | 0 | 0 | 0 |

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TABLE 10.3 IRRIGATED CROP ACREAGES (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN NEBRASKA

| | LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEAN | SGRBEET | WHEAT |
|----------------|------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|---------|---------|-------|
| TREND: | 10 | 2 | 355 | 0 | 0 | 48 | 0 | 0 | 0 | 0 | 6 | 1994 | 0 | 1 | 0 |
| | 11 | 0 | 240 | 0 | 0 | 571 | 0 | 0 | 7 | 0 | 0 | 134 | 0 | 33 | 0 |
| | 12 | 0 | 108 | 0 | 0 | 39 | 0 | 0 | 0 | 0 | 0 | 71 | 0 | 0 | 0 |
| | 13 | 0 | 113 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 68 | 0 | 0 | 0 |
| | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 11 | 0 | 0 |
| | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 |
| | 16 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | |
| PRIME LANDS: | 10 | 2 | 358 | 0 | 0 | 48 | 0 | 0 | 0 | 0 | 6 | 2005 | 0 | 1 | 0 |
| | 11 | 0 | 155 | 0 | 0 | 133 | 184 | 0 | 0 | 0 | 0 | 229 | 0 | 32 | 0 |
| | 12 | 0 | 64 | 0 | 0 | 386 | 0 | 0 | 0 | 0 | 0 | 72 | 0 | 0 | 0 |
| | 13 | 0 | 113 | 39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0 | 0 |
| | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 11 | 0 | 0 |
| | 15 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| | 16 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | |
| FRAGILE: | 10 | 2 | 384 | 0 | 0 | 48 | 0 | 0 | 0 | 0 | 6 | 1999 | 0 | 1 | 0 |
| | 11 | 0 | 247 | 0 | 0 | 276 | 0 | 0 | 0 | 0 | 0 | 203 | 0 | 10 | 0 |
| | 12 | 1 | 48 | 0 | 0 | 401 | 0 | 0 | 0 | 0 | 0 | 54 | 0 | 8 | 0 |
| | 13 | 0 | 113 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 65 | 0 | 0 | 0 |
| | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 11 | 0 | 0 |
| | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 0 | 0 | 0 |
| | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | |
| PRIME-FRAGILE: | 10 | 2 | 385 | 0 | 0 | 48 | 0 | 0 | 0 | 0 | 6 | 2009 | 0 | 1 | 0 |
| | 11 | 0 | 155 | 0 | 0 | 421 | 0 | 0 | 0 | 0 | 0 | 300 | 0 | 10 | 0 |
| | 12 | 1 | 49 | 0 | 0 | 276 | 0 | 0 | 0 | 0 | 0 | 54 | 0 | 9 | 0 |
| | 13 | 0 | 113 | 40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0 | 0 |
| | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 11 | 0 | 0 |
| | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 0 | 0 | 0 |
| | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | |

TABLE 10.3 (CONTINUED)

| LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEANS | SGRBEET | WHEAT |
|-------------------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|----------|---------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | | |
| 10 | 2 | 357 | 0 | 0 | 48 | 0 | 0 | 0 | 0 | 6 | 1994 | 0 | 1 | 0 |
| 11 | 0 | 239 | 0 | 0 | 573 | 0 | 0 | 7 | 0 | 0 | 136 | 0 | 33 | 0 |
| 12 | 0 | 116 | 0 | 0 | 41 | 0 | 0 | 0 | 0 | 0 | 71 | 0 | 0 | 0 |
| 13 | 0 | 115 | 39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 69 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 11 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | | |
| 10 | 0 | 388 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2009 | 0 | 0 | 0 |
| 11 | 0 | 246 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 185 | 0 | 2 | 1 |
| 12 | 0 | 437 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 69 | 0 | 0 | 0 |
| 13 | 0 | 113 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 1 | 0 | 0 |
| 15 | 0 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOIL LOSS: | | | | | | | | | | | | | | |
| 10 | 2 | 403 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1946 | 0 | 3 | 0 |
| 11 | 0 | 246 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 109 | 0 | 0 | 0 |
| 12 | 0 | 346 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 71 | 0 | 0 | 0 |
| 13 | 0 | 113 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 1 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE 10.4 DRYLAND CROP PRODUCTION (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN NEBRASKA

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEAN BU | SGRBEET TONS | WHEAT BU |
|------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|---------------|-----------------|-------------|
| TREND: | | | | | | | | | | | | | |
| 1 | 0 | 12020 | 1155 | 0 | 166 | 0 | 401 | 0 | 6510 | 1511 | 8576 | 0 | 7290 |
| 2 | 800 | 60900 | 148 | 0 | 2080 | 157 | 9194 | 0 | 24988 | 325 | 32438 | 0 | 24241 |
| 3 | 111 | 9244 | 522 | 0 | 1687 | 1028 | 3597 | 0 | 9669 | 1063 | 8251 | 0 | 17504 |
| 4 | 0 | 3762 | 529 | 0 | 86 | 377 | 2620 | 0 | 81391 | 468 | 16226 | 0 | 17637 |
| 5 | 20 | 0 | 0 | 0 | 0 | 296 | 101 | 0 | 3276 | 0 | 113 | 0 | 4135 |
| 6 | 0 | 1611 | 0 | 0 | 0 | 0 | 0 | 0 | 1383 | 0 | 0 | 0 | 1923 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 437 | 35 | 7587 | 0 | 0 | 0 | 0 | 0 |

PRIME LANDS:

| | | | | | | | | | | | | | |
|---|------|-------|------|---|------|-----|-------|------|-------|------|-------|---|-------|
| 1 | 0 | 12303 | 1127 | 0 | 176 | 84 | 497 | 0 | 5774 | 1526 | 7927 | 0 | 7033 |
| 2 | 1163 | 53674 | 416 | 0 | 2484 | 426 | 11321 | 0 | 31154 | 427 | 31498 | 0 | 23703 |
| 3 | 101 | 13661 | 509 | 0 | 1705 | 242 | 3635 | 0 | 10033 | 1063 | 8329 | 0 | 19637 |
| 4 | 0 | 6413 | 0 | 0 | 71 | 379 | 2578 | 0 | 76094 | 410 | 15353 | 0 | 16932 |
| 5 | 23 | 0 | 0 | 0 | 0 | 297 | 101 | 0 | 3252 | 0 | 132 | 0 | 4115 |
| 6 | 0 | 1567 | 0 | 0 | 0 | 0 | 0 | 0 | 1383 | 0 | 0 | 0 | 1914 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 438 | 8 | 7582 | 0 | 0 | 0 | 0 | 0 |

FRAGILE:

| | | | | | | | | | | | | | |
|---|------|-------|------|---|------|------|-------|------|-------|------|-------|---|-------|
| 1 | 0 | 10619 | 1095 | 0 | 177 | 229 | 548 | 0 | 4238 | 1719 | 6415 | 0 | 5856 |
| 2 | 1121 | 61724 | 125 | 0 | 2925 | 0 | 13630 | 0 | 29439 | 0 | 33459 | 0 | 22193 |
| 3 | 100 | 11197 | 522 | 0 | 2155 | 316 | 9479 | 0 | 10747 | 1087 | 4336 | 0 | 11299 |
| 4 | 0 | 6956 | 565 | 0 | 0 | 1140 | 1851 | 0 | 77666 | 468 | 12828 | 0 | 16124 |
| 5 | 30 | 203 | 0 | 0 | 0 | 512 | 101 | 0 | 3276 | 0 | 170 | 0 | 3662 |
| 6 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0 | 584 | 0 | 0 | 0 | 667 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8111 | 0 | 0 | 0 | 0 | 0 |

PRIME-FRAGILE:

| | | | | | | | | | | | | | |
|---|-----|-------|------|---|------|------|-------|------|-------|------|-------|---|-------|
| 1 | 0 | 18257 | 1186 | 0 | 216 | 705 | 759 | 0 | 6556 | 1599 | 9722 | 0 | 7429 |
| 2 | 649 | 55356 | 381 | 0 | 3035 | 35 | 14232 | 0 | 34720 | 433 | 32710 | 0 | 25045 |
| 3 | 137 | 5962 | 467 | 0 | 1451 | 1057 | 6380 | 0 | 13748 | 971 | 8282 | 0 | 13738 |
| 4 | 0 | 9634 | 0 | 0 | 0 | 323 | 1973 | 0 | 72692 | 409 | 12372 | 0 | 15646 |
| 5 | 29 | 208 | 0 | 0 | 0 | 315 | 100 | 0 | 0 | 0 | 163 | 0 | 2802 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 579 | 0 | 0 | 0 | 002 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8112 | 0 | 0 | 0 | 0 | 0 |

TABLE 10.4 (CONTINUED)

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|-------------------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | |
| 1 | 211 | 12233 | 1053 | 0 | 168 | 0 | 425 | 0 | 6485 | 1509 | 8529 | 0 | 7272 |
| 2 | 991 | 62331 | 39 | 0 | 2071 | 94 | 9147 | 0 | 24055 | 400 | 33305 | 0 | 24154 |
| 3 | 77 | 7930 | 521 | 0 | 1686 | 1085 | 3595 | 0 | 9704 | 1114 | 8233 | 0 | 16915 |
| 4 | 0 | 3911 | 509 | 0 | 85 | 405 | 2610 | 0 | 80809 | 466 | 15920 | 0 | 17418 |
| 5 | 30 | 0 | 0 | 0 | 0 | 298 | 101 | 0 | 3274 | 0 | 170 | 0 | 4125 |
| 6 | 0 | 1606 | 0 | 0 | 0 | 0 | 0 | 0 | 1383 | 0 | 0 | 0 | 1922 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 437 | 26 | 7587 | 0 | 0 | 0 | 0 | 0 |

HIGH EXPORT:

| | | | | | | | | | | | | | |
|---|------|-------|------|---|------|-----|------|------|-------|-----|-------|---|-------|
| 1 | 0 | 42675 | 410 | 0 | 138 | 0 | 108 | 0 | 6337 | 0 | 11724 | 0 | 2696 |
| 2 | 2309 | 64504 | 0 | 0 | 1878 | 0 | 8116 | 0 | 26961 | 80 | 37395 | 0 | 23153 |
| 3 | 19 | 20509 | 369 | 0 | 1430 | 0 | 3049 | 0 | 12499 | 722 | 8932 | 0 | 23270 |
| 4 | 0 | 24358 | 2802 | 0 | 478 | 175 | 2851 | 0 | 68293 | 860 | 20601 | 0 | 34188 |
| 5 | 0 | 4911 | 0 | 0 | 0 | 296 | 101 | 0 | 3965 | 0 | 3398 | 0 | 3959 |
| 6 | 0 | 2766 | 747 | 0 | 0 | 966 | 697 | 0 | 14661 | 0 | 2801 | 0 | 15729 |
| 7 | 0 | 1197 | 0 | 0 | 0 | 0 | 0 | 0 | 957 | 0 | 4 | 0 | 689 |
| 8 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 453 | 242 | 7570 | 0 | 0 | 0 | 0 | 1456 |

SOIL LOSS:

| | | | | | | | | | | | | | |
|---|------|-------|------|---|------|-----|------|------|-------|------|-------|---|-------|
| 1 | 291 | 10874 | 1053 | 0 | 138 | 0 | 108 | 0 | 6510 | 1990 | 8790 | 0 | 6248 |
| 2 | 2345 | 56745 | 66 | 0 | 2032 | 0 | 8863 | 0 | 32035 | 129 | 39486 | 0 | 28132 |
| 3 | 35 | 15690 | 522 | 0 | 1542 | 134 | 3288 | 0 | 10303 | 1112 | 8233 | 0 | 21009 |
| 4 | 0 | 0 | 805 | 0 | 207 | 416 | 2992 | 0 | 80233 | 468 | 10727 | 0 | 13744 |
| 5 | 30 | 1192 | 0 | 0 | 0 | 206 | 31 | 0 | 5763 | 0 | 781 | 0 | 5393 |
| 6 | 0 | 2640 | 0 | 0 | 0 | 599 | 0 | 0 | 1191 | 0 | 0 | 0 | 1924 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 441 | 0 | 7587 | 0 | 0 | 0 | 0 | 0 |

TABLE 10.5 IRRIGATED CROP PRODUCTION (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN NEBRASKA

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TOSN | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|----------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| TREND: | | | | | | | | | | | | | |
| 10 | 146 | 67432 | 0 | 0 | 388 | 0 | 0 | 0 | 766 | 47825 | 0 | 34 | 0 |
| 11 | 0 | 38231 | 0 | 0 | 3529 | 0 | 756 | 0 | 0 | 29111 | 0 | 893 | 0 |
| 12 | 0 | 14785 | 0 | 0 | 237 | 0 | 0 | 0 | 0 | 1532 | 0 | 0 | 0 |
| 13 | 0 | 16300 | 725 | 0 | 0 | 0 | 0 | 0 | 0 | 1276 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 651 | 540 | 6 | 4 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 162 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 38 | 12 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | | | | | | | | | | | | | |
| 10 | 146 | 67874 | 0 | 0 | 388 | 0 | 0 | 0 | 766 | 48063 | 0 | 34 | 0 |
| 11 | 0 | 24401 | 0 | 0 | 811 | 609 | 735 | 0 | 0 | 4936 | 0 | 875 | 0 |
| 12 | 0 | 9106 | 0 | 0 | 2326 | 0 | 0 | 0 | 0 | 1546 | 0 | 0 | 0 |
| 13 | 0 | 16240 | 716 | 0 | 0 | 0 | 0 | 0 | 0 | 894 | 0 | 0 | 0 |
| 14 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 650 | 534 | 4 | 3 |
| 15 | 0 | 0 | 0 | 0 | 2 | 0 | 13 | 0 | 0 | 0 | 0 | 17 | 0 |
| 16 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 36 | 12 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | | | | | | | | | | | | | |
| 10 | 146 | 72833 | 0 | 0 | 388 | 0 | 0 | 0 | 766 | 47931 | 0 | 34 | 0 |
| 11 | 0 | 39213 | 0 | 0 | 1709 | 0 | 0 | 0 | 0 | 4383 | 0 | 254 | 0 |
| 12 | 118 | 6809 | 0 | 0 | 2413 | 14 | 0 | 0 | 0 | 1153 | 0 | 239 | 0 |
| 13 | 0 | 16492 | 736 | 0 | 0 | 0 | 0 | 0 | 0 | 1228 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 671 | 538 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 340 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 38 | 6 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | | | | | | | | | | | | | |
| 10 | 146 | 73006 | 0 | 0 | 388 | 0 | 0 | 0 | 766 | 48159 | 0 | 34 | 0 |
| 11 | 0 | 24401 | 0 | 0 | 2612 | 0 | 0 | 0 | 0 | 6445 | 0 | 254 | 0 |
| 12 | 121 | 7094 | 0 | 0 | 1663 | 14 | 0 | 0 | 0 | 1159 | 0 | 245 | 0 |
| 13 | 0 | 16239 | 725 | 0 | 0 | 0 | 0 | 0 | 0 | 830 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 663 | 534 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 335 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 36 | 5 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |

TABLE 10.5 (CONTINUED)

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|-------------------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | |
| 10 | 146 | 67698 | 0 | 0 | 388 | 0 | 0 | 0 | 766 | 47820 | 0 | 34 | 0 |
| 11 | 0 | 38013 | 0 | 0 | 3542 | 0 | 756 | 0 | 0 | 2967 | 0 | 893 | 0 |
| 12 | 0 | 15648 | 0 | 0 | 249 | 0 | 0 | 0 | 0 | 1527 | 0 | 0 | 0 |
| 13 | 0 | 16492 | 719 | 0 | 0 | 0 | 0 | 0 | 0 | 1292 | 0 | 0 | 0 |
| 14 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 651 | 538 | 6 | 4 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 183 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 38 | 12 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | |
| 10 | 0 | 72785 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 48186 | 0 | 0 | 0 |
| 11 | 829 | 39050 | 0 | 0 | 2495 | 0 | 0 | 0 | 1483 | 3992 | 0 | 518 | 742 |
| 12 | 0 | 57355 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1495 | 0 | 0 | 0 |
| 13 | 0 | 16300 | 725 | 0 | 0 | 0 | 0 | 0 | 0 | 655 | 0 | 0 | 0 |
| 14 | 77 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 486 | 540 | 77 | 50 |
| 15 | 0 | 2540 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 166 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 38 | 11 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| SOIL LOSS: | | | | | | | | | | | | | |
| 10 | 146 | 75362 | 0 | 0 | 388 | 0 | 0 | 0 | 766 | 46778 | 0 | 34 | 0 |
| 11 | 0 | 39050 | 0 | 0 | 1005 | 143 | 727 | 0 | 0 | 2388 | 0 | 1069 | 180 |
| 12 | 1 | 4900 | 0 | 0 | 2569 | 0 | 0 | 0 | 0 | 1530 | 0 | 2 | 0 |
| 13 | 0 | 16300 | 725 | 0 | 0 | 0 | 0 | 0 | 0 | 1158 | 299 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 187 | 0 | 0 | 0 | 665 | 540 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 504 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 38 | 7 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |

TABLE 10.6 QUANTITIES OF CROP COMMODITIES PRODUCED (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN NEBRASKA

| | UNIT | PRODUCED | INTER | CONSUMED | NET EXPORT |
|----------------|-------|----------|--------|----------|------------|
| TREND: | | | | | |
| CORN | BU | 224284 | 32721 | 7615 | 183947 |
| SORGHUM | BU | 127984 | 34559 | 198 | 93227 |
| BARLEY | BU | 1083 | 1069 | 2531 | -2517 |
| OATS | BU | 16704 | 40327 | 1226 | -24849 |
| WHEAT | BU | 72745 | 317 | 8730 | 63698 |
| SOYBEANS | BU | 66,182 | 35,666 | 5,914 | 24,601 |
| COTTON | BALES | 0 | 0 | 82 | -82 |
| PRIME LANDS: | | | | | |
| CORN | BU | 205238 | 32721 | 7615 | 164902 |
| SORGHUM | BU | 128455 | 34559 | 198 | 93696 |
| BARLEY | BU | 1437 | 1069 | 2531 | -2163 |
| OATS | BU | 18887 | 40327 | 1226 | -22665 |
| WHEAT | BU | 73347 | 317 | 8730 | 64301 |
| SOYBEANS | BU | 63,808 | 35,666 | 5,914 | 22,227 |
| COTTON | BALES | 0 | 0 | 82 | -82 |
| FRAGILE: | | | | | |
| CORN | BU | 226050 | 32721 | 7615 | 185714 |
| SORGHUM | BU | 126717 | 34559 | 198 | 91960 |
| BARLEY | BU | 1514 | 1069 | 2531 | -2086 |
| OATS | BU | 25609 | 40327 | 1226 | -15944 |
| WHEAT | BU | 59811 | 317 | 8730 | 50765 |
| SOYBEANS | BU | 57,783 | 35,666 | 5,914 | 16,203 |
| COTTON | BALES | 0 | 0 | 82 | -82 |
| PRIME-FRAGILE: | | | | | |
| CORN | BU | 210156 | 32721 | 7615 | 169820 |
| SORGHUM | BU | 129062 | 34559 | 198 | 94304 |
| BARLEY | BU | 1081 | 1069 | 2531 | -2519 |
| OATS | BU | 23443 | 40327 | 1226 | -18110 |
| WHEAT | BU | 65391 | 317 | 8730 | 56345 |
| SOYBEANS | BU | 63,818 | 35,666 | 5,914 | 22,238 |
| COTTON | BALES | 0 | 0 | 82 | -82 |
| ENV. CORR. | | | | | |
| CORN | BU | 225863 | 32721 | 7615 | 185526 |
| SORGHUM | BU | 126476 | 34559 | 198 | 91719 |
| BARLEY | BU | 1460 | 1069 | 2531 | -2140 |
| OATS | BU | 16660 | 40327 | 1226 | -24892 |
| WHEAT | BU | 71820 | 317 | 8730 | 62774 |
| SOYBEANS | BU | 66,733 | 35,666 | 5,914 | 25,151 |
| COTTON | BALES | 0 | 0 | 82 | -82 |
| HIGH EXPORT: | | | | | |
| CORN | BU | 348949 | 32721 | 7615 | 308613 |
| SORGHUM | BU | 135155 | 34559 | 198 | 100398 |
| BARLEY | BU | 3234 | 1069 | 2531 | -366 |
| OATS | BU | 15164 | 40327 | 1226 | -26388 |
| WHEAT | BU | 105931 | 317 | 8730 | 96884 |
| SOYBEANS | BU | 85,439 | 35,666 | 5,914 | 43,859 |
| COTTON | BALES | 0 | 0 | 82 | -82 |
| SOIL LOSS: | | | | | |
| CORN | BU | 222755 | 32721 | 7615 | 182419 |
| SORGHUM | BU | 136802 | 34559 | 198 | 102045 |
| BARLEY | BU | 2847 | 1069 | 2531 | -753 |
| OATS | BU | 16009 | 40327 | 1226 | -25543 |
| WHEAT | BU | 76639 | 317 | 8730 | 67593 |
| SOYBEANS | BU | 68,895 | 35,666 | 5,914 | 27,312 |
| COTTON | BALES | 0 | 0 | 82 | -82 |

TABLE 10.7 RESOURCE USE IN CROP PRODUCTION (THOUSANDS OF DOLLARS) UNDER ALTERNATIVE FUTURES IN NEBRASKA

| | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|------------|--------|-------|-------|-------|----------|-------|-------|
| TREND: | | | | | | | |
| BARLEY | 158 | 114 | 55 | 106 | 46 | 413 | 2 |
| CORN G | 50388 | 36128 | 12634 | 25651 | 8977 | 88468 | 4464 |
| CORN S | 2606 | 989 | 2165 | 3428 | 590 | 8516 | 604 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 33300 | 40528 | 19120 | 120 | 9335 | 45535 | 7090 |
| HAY N | 17558 | 558 | 9609 | 109 | 7870 | 50008 | 3937 |
| S FALLOW | 6326 | 0 | 582 | 503 | 0 | 2546 | 0 |
| OATS | 6800 | 642 | 1345 | 191 | 2171 | 10771 | 171 |
| SORG G | 17768 | 217 | 11120 | 73734 | 5495 | 91223 | 2681 |
| SORG S | 115795 | 73667 | 25444 | 2770 | 3929 | 91926 | 3863 |
| SOYBEANS | 16969 | 347 | 6113 | 16941 | 8940 | 59036 | 982 |
| SUGAR BEET | 1033 | 1893 | 2304 | 1245 | 435 | 2730 | 304 |
| WHEAT | 30343 | 31 | 8690 | 14761 | 5031 | 67174 | 1451 |

PRIME LANDS:

| | | | | | | | |
|------------|--------|-------|-------|-------|------|-------|------|
| BARLEY | 176 | 114 | 61 | 154 | 51 | 460 | 2 |
| CORN G | 44280 | 29258 | 12061 | 23105 | 8609 | 85399 | 4286 |
| CORN S | 2445 | 976 | 1927 | 2104 | 494 | 7451 | 510 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 29699 | 34806 | 18758 | 785 | 8981 | 91994 | 7131 |
| HAY N | 15316 | 9617 | 8875 | 101 | 6388 | 43277 | 1866 |
| S FALLOW | 5471 | 0 | 621 | 532 | 0 | 1725 | 0 |
| OATS | 6502 | 652 | 1477 | 124 | 2259 | 11667 | 193 |
| SORG G | 13993 | 217 | 10981 | 67814 | 5542 | 49854 | 2609 |
| SORG S | 112497 | 73501 | 25781 | 2510 | 4000 | 11218 | 1930 |
| SOYBEANS | 14313 | 343 | 5971 | 17377 | 8876 | 57647 | 961 |
| SUGAR BEET | 995 | 1880 | 2303 | 1253 | 435 | 2780 | 304 |
| WHEAT | 25789 | 22 | 8821 | 12656 | 5026 | 68185 | 1470 |

FRAGILE:

| | | | | | | | |
|------------|--------|-------|-------|-------|-------|--------|------|
| BARLEY | 990 | 364 | 129 | 195 | 102 | 844 | 4 |
| CORN G | 56725 | 35343 | 12554 | 24695 | 8900 | 88210 | 4431 |
| CORN S | 3106 | 1004 | 2168 | 3432 | 589 | 8502 | 603 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 42599 | 44364 | 20889 | 3950 | 10756 | 107278 | 8029 |
| HAY N | 17238 | 984 | 9836 | 102 | 8252 | 51393 | 4155 |
| S FALLOW | 7819 | 0 | 571 | 495 | 0 | 2473 | 0 |
| OATS | 10048 | 37 | 1763 | 1047 | 2385 | 14199 | 256 |
| SORG G | 21681 | 209 | 10809 | 72887 | 5852 | 88509 | 2684 |
| SORG S | 123807 | 73993 | 25725 | 2891 | 4005 | 93177 | 3919 |
| SOYBEANS | 18152 | 346 | 5399 | 15809 | 1240 | 51670 | 852 |
| SUGAR BEET | 1555 | 1880 | 2311 | 1477 | 221 | 2789 | 304 |
| WHEAT | 30136 | 66 | 7236 | 12764 | 3989 | 55391 | 1233 |

PRIME FRAGILE:

| | | | | | | | |
|------------|-------|-------|-------|-------|-------|--------|------|
| BARLEY | 934 | 371 | 129 | 197 | 101 | 837 | 4 |
| CORN G | 39005 | 29805 | 12184 | 22432 | 8635 | 86224 | 4285 |
| CORN S | 2694 | 976 | 1922 | 2353 | 501 | 7434 | 517 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 33723 | 44948 | 20413 | 2120 | 10424 | 103013 | 7697 |
| HAY N | 23105 | 998 | 10215 | 97 | 8549 | 53030 | 4241 |
| S FALLOW | 4850 | 0 | 541 | 66 | 0 | 2348 | 0 |
| OATS | 7767 | 0 | 1595 | 649 | 2322 | 13073 | 222 |
| SORG G | 14932 | 199 | 10836 | 64312 | 5727 | 88709 | 2600 |
| SORG S | 96008 | 72727 | 25926 | 2413 | 4020 | 93666 | 3933 |
| SOYBEANS | 15037 | 336 | 5940 | 17636 | 8799 | 57348 | 952 |
| SUGAR BEET | 1527 | 1844 | 2316 | 1313 | 214 | 2795 | 304 |
| WHEAT | 25319 | 89 | 7947 | 10632 | 4520 | 60750 | 1336 |

TABLE 10.7 (CONTINUED)

| | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|-------------------------|--------|--------|-------|--------|----------|--------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| BARLEY | 223 | 119 | 63 | 206 | 53 | 473 | 3 |
| CORN G | 51259 | 36605 | 12749 | 26818 | 9051 | 89228 | 4504 |
| CORN S | 2513 | 984 | 2033 | 3298 | 548 | 7951 | 565 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 33571 | 40910 | 19154 | 123 | 9364 | 95643 | 7098 |
| HAY N | 17479 | 551 | 9645 | 115 | 7906 | 50183 | 3952 |
| S FALLOW | 6101 | 0 | 569 | 502 | 0 | 2494 | 0 |
| DAIS | 6943 | 645 | 1340 | 237 | 2164 | 10719 | 170 |
| SORG G | 17579 | 217 | 11022 | 73626 | 5454 | 90416 | 2662 |
| SORG S | 116559 | 73936 | 25769 | 3070 | 4012 | 93486 | 3933 |
| SOYBEANS | 17483 | 346 | 6148 | 18402 | 8962 | 59366 | 987 |
| SUGAR BEET | 1033 | 1897 | 2304 | 1246 | 435 | 2780 | 304 |
| WHEAT | 30135 | 31 | 8622 | 14780 | 5003 | 66621 | 1439 |
| HIGH EXPORT: | | | | | | | |
| BARLEY | 1028 | 688 | 142 | 56 | 102 | 912 | 5 |
| CORN G | 182482 | 78745 | 21297 | 70448 | 14565 | 148812 | 7319 |
| CORN S | 11044 | 1411 | 3736 | 22053 | 920 | 14730 | 1000 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 73870 | 35857 | 17209 | 165 | 6937 | 89144 | 6603 |
| HAY N | 26192 | 13 | 7897 | 154 | 6131 | 41765 | 3257 |
| S FALLOW | 31395 | 0 | 926 | 2633 | 0 | 4060 | 0 |
| DAIS | 13664 | 0 | 1130 | 233 | 2149 | 9542 | 179 |
| SORG G | 93750 | 651 | 12078 | 141754 | 5561 | 99040 | 2767 |
| SORG S | 203937 | 106365 | 23623 | 3365 | 3773 | 83483 | 3394 |
| SOYBEANS | 77284 | 494 | 7427 | 35037 | 10429 | 72031 | 1172 |
| SUGAR BEET | 1252 | 2739 | 2430 | 3660 | 211 | 2934 | 304 |
| WHEAT | 117889 | 1396 | 12789 | 55639 | 7181 | 101929 | 1978 |
| SOIL LOSS: | | | | | | | |
| BARLEY | 353 | 109 | 80 | 85 | 70 | 619 | 3 |
| CORN G | 57409 | 32975 | 12462 | 26820 | 8708 | 87518 | 4410 |
| CORN S | 3229 | 1002 | 2336 | 4058 | 630 | 9219 | 662 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 38893 | 38023 | 18554 | 201 | 8502 | 93339 | 6903 |
| HAY N | 15899 | 5547 | 9068 | 89 | 7030 | 46635 | 3657 |
| S FALLOW | 9327 | 0 | 632 | 2569 | 0 | 2767 | 0 |
| DAIS | 7105 | 537 | 1083 | 92 | 1969 | 8706 | 157 |
| SORG G | 25484 | 220 | 11263 | 116186 | 5539 | 92531 | 2751 |
| SORG S | 123325 | 72637 | 26327 | 2874 | 4082 | 96319 | 4069 |
| SOYBEANS | 23393 | 559 | 6177 | 17771 | 8940 | 59587 | 984 |
| SUGAR BEET | 1234 | 1918 | 2297 | 1204 | 417 | 2773 | 304 |
| WHEAT | 38954 | 144 | 8898 | 36952 | 5209 | 68796 | 1487 |

TABLE 10.8. QUANTITY OF WATER (THOUSANDS OF ACRE FEET) USED FOR IRRIGATION UNDER SEVEN ALTERNATIVE FUTURES IN NEBRASKA

| ALTERNATIVE FUTURE | QUANTITY OF WATER |
|------------------------|-------------------|
| TREND | 5,800 |
| PRIME | 5,750 |
| FRAGILE | 5,927 |
| PRIME-FRAGILE | 5,867 |
| ENVIRONMENTAL CORRIDOR | 5,830 |
| HIGH EXPORT | 5,950 |
| SOIL LOSS | 5,834 |

CHAPTER 11. NORTH DAKOTA

Note: Dryland crop acreage in table 2 of this chapter includes the acreage on land that could have been irrigated.

TABLE 11.1 LAND USE (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN NORTH DAKOTA

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXO G USED | TOT USED |
|-----------------------|-----------|---------|---------|----------|----------|------------|----------|
| TREND: | | | | | | | |
| LC 1-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-0 | 10939 | 0 | -25 | 10307 | 0 | 632 | 10939 |
| LC 3-0 | 6438 | 0 | -12 | 6055 | 0 | 384 | 6438 |
| LC 4-0 | 3984 | 0 | -9 | 3020 | 0 | 195 | 3215 |
| LC 5-0 | 1871 | 0 | -5 | 1687 | 0 | 99 | 1786 |
| LC 6-0 | 804 | 0 | -2 | 640 | 0 | 35 | 475 |
| LC 7-0 | 61 | 0 | -1 | 14 | 0 | 3 | 17 |
| LC 8-0 | 29 | 0 | 0 | 0 | 0 | 1 | 1 |
| LC 9-0 | 868 | 0 | 0 | 0 | 0 | 38 | 38 |
| LC 1-1 | 46 | 0 | 3 | 0 | 39 | 7 | 46 |
| LC 2-1 | 12 | 0 | 1 | 0 | 11 | 1 | 12 |
| LC 3-1 | 9 | 0 | 1 | 0 | 9 | 0 | 9 |
| LC 4-1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 |
| LC 5-1 | 6 | 0 | 0 | 0 | 5 | 0 | 6 |
| LC 6-1 | 3 | 0 | 0 | 0 | 3 | 0 | 3 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 16396 | -37 | 0 | 16396 | 0 | 0 | 16396 |
| PAST 1 | 3 | 0 | 0 | 3 | 0 | 0 | 3 |
| LC 1 TO 5 | 23307 | 0 | -45 | 21069 | 56 | 1318 | 22453 |
| LC 6 TO 9 | 1766 | 0 | -2 | 454 | 3 | 76 | 533 |
| TOT CRPLND | 25072 | 0 | -46 | 21523 | 69 | 1394 | 22986 |
| PRIME LANDS: | | | | | | | |
| LC 1-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-0 | 11065 | 0 | -25 | 10433 | 0 | 632 | 11065 |
| LC 3-0 | 6510 | 0 | -12 | 6127 | 0 | 384 | 6510 |
| LC 4-0 | 3948 | 0 | -9 | 3180 | 0 | 195 | 3375 |
| LC 5-0 | 1848 | 0 | -5 | 1701 | 0 | 99 | 1800 |
| LC 6-0 | 798 | 0 | -2 | 439 | 0 | 35 | 474 |
| LC 7-0 | 60 | 0 | -1 | 14 | 0 | 3 | 17 |
| LC 8-0 | 29 | 0 | 0 | 0 | 0 | 1 | 1 |
| LC 9-0 | 860 | 0 | 0 | 0 | 0 | 38 | 38 |
| LC 1-1 | 46 | 0 | 3 | 0 | 40 | 7 | 46 |
| LC 2-1 | 12 | 0 | 1 | 0 | 11 | 1 | 12 |
| LC 3-1 | 9 | 0 | 1 | 0 | 9 | 0 | 9 |
| LC 4-1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 |
| LC 5-1 | 6 | 0 | 0 | 0 | 5 | 0 | 6 |
| LC 6-1 | 3 | 0 | 0 | 0 | 3 | 0 | 3 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 16388 | -37 | 0 | 16388 | 0 | 0 | 16388 |
| PAST 1 | 3 | 0 | 0 | 3 | 0 | 0 | 3 |
| LC 1 TO 5 | 23447 | 0 | -45 | 21441 | 67 | 1318 | 22825 |
| LC 6 TO 9 | 1750 | 0 | -1 | 453 | 3 | 76 | 533 |
| TOT CRPLND | 25196 | 0 | -46 | 21895 | 70 | 1394 | 23358 |
| FRAGILE: | | | | | | | |
| LC 1-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-0 | 10938 | 0 | -30 | 10306 | 0 | 632 | 10938 |
| LC 3-0 | 6438 | 0 | -16 | 6054 | 0 | 384 | 6438 |
| LC 4-0 | 3983 | 0 | -13 | 3491 | 0 | 195 | 3685 |
| LC 5-0 | 1870 | 0 | -6 | 1772 | 0 | 99 | 1870 |
| LC 6-0 | 623 | 0 | -2 | 271 | 0 | 35 | 305 |
| LC 7-0 | 61 | 0 | -1 | 14 | 0 | 3 | 17 |
| LC 8-0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| LC 9-0 | 38 | 0 | 0 | 0 | 0 | 38 | 38 |
| LC 1-1 | 51 | 0 | 10 | 0 | 45 | 7 | 51 |
| LC 2-1 | 13 | 0 | 3 | 0 | 13 | 1 | 13 |
| LC 3-1 | 10 | 0 | 2 | 0 | 10 | 0 | 10 |
| LC 4-1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 |
| LC 5-1 | 6 | 0 | 1 | 0 | 6 | 0 | 6 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 17105 | -37 | 0 | 17105 | 0 | 0 | 17105 |
| PAST 1 | 4 | 0 | 0 | 4 | 0 | 0 | 4 |
| LC 1 TO 5 | 23312 | 0 | -44 | 21622 | 75 | 1318 | 23014 |
| LC 6 TO 9 | 723 | 0 | -2 | 285 | 0 | 76 | 361 |
| TOT CRPLND | 24035 | 0 | -51 | 21907 | 75 | 1394 | 23375 |
| PRIME-FRAGILE: | | | | | | | |
| LC 1-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-0 | 11068 | 0 | -30 | 10435 | 0 | 632 | 11068 |
| LC 3-0 | 6513 | 0 | -16 | 6130 | 0 | 384 | 6513 |
| LC 4-0 | 3950 | 0 | -13 | 3390 | 0 | 195 | 3584 |
| LC 5-0 | 1850 | 0 | -6 | 1750 | 0 | 99 | 1849 |
| LC 6-0 | 615 | 0 | -2 | 270 | 0 | 35 | 304 |
| LC 7-0 | 60 | 0 | -1 | 14 | 0 | 3 | 17 |
| LC 8-0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| LC 9-0 | 39 | 0 | 0 | 0 | 0 | 38 | 38 |
| LC 1-1 | 52 | 0 | 10 | 0 | 45 | 7 | 52 |
| LC 2-1 | 13 | 0 | 3 | 0 | 13 | 1 | 13 |
| LC 3-1 | 11 | 0 | 2 | 0 | 10 | 0 | 11 |
| LC 4-1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 |
| LC 5-1 | 6 | 0 | 1 | 0 | 6 | 0 | 6 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 17092 | -37 | 0 | 17092 | 0 | 0 | 17092 |
| PAST 1 | 3 | 0 | 0 | 3 | 0 | 0 | 3 |
| LC 1 TO 5 | 23464 | 0 | -49 | 21705 | 75 | 1318 | 23097 |
| LC 6 TO 9 | 714 | 0 | -2 | 284 | 0 | 76 | 360 |
| TOT CRPLND | 24179 | 0 | -51 | 21989 | 75 | 1394 | 23458 |

TABLE 11.1 (CONTINUED)

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXOG USED | TOT USED |
|--------------------------------|-----------|---------|---------|----------|----------|-----------|----------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| LC 1-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-0 | 10939 | 0 | -25 | 10307 | 0 | 632 | 10939 |
| LC 3-0 | 6439 | 0 | -12 | 6055 | 0 | 384 | 6439 |
| LC 4-0 | 3984 | 0 | -9 | 3231 | 0 | 195 | 3984 |
| LC 5-0 | 1871 | 0 | -5 | 1772 | 0 | 99 | 1871 |
| LC 6-0 | 804 | 0 | -2 | 440 | 0 | 35 | 804 |
| LC 7-0 | 61 | 0 | -1 | 14 | 0 | 3 | 61 |
| LC 8-0 | 29 | 0 | 0 | 0 | 0 | 1 | 29 |
| LC 9-0 | 868 | 0 | 0 | 0 | 0 | 38 | 868 |
| LC 1-1 | 46 | 0 | 3 | 0 | 39 | 7 | 46 |
| LC 2-1 | 12 | 0 | 1 | 0 | 11 | 1 | 12 |
| LC 3-1 | 9 | 0 | 1 | 0 | 9 | 0 | 9 |
| LC 4-1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 |
| LC 5-1 | 6 | 0 | 0 | 0 | 5 | 0 | 6 |
| LC 6-1 | 3 | 0 | 0 | 0 | 3 | 0 | 3 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 16396 | -370 | 0 | 16396 | 0 | 0 | 16396 |
| PAST 1 | 2 | 0 | 0 | 0 | 2 | 0 | 2 |
| LC 1 TO 5 | 23306 | 0 | -45 | 21364 | 66 | 1318 | 22748 |
| LC 6 TO 9 | 1766 | 0 | -2 | 454 | 3 | 76 | 534 |
| TOT CRPLND | 25072 | 0 | -46 | 21819 | 69 | 1394 | 23282 |
| HIGH EXPORT: | | | | | | | |
| LC 1-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-0 | 10939 | 0 | -25 | 10307 | 0 | 632 | 10939 |
| LC 3-0 | 6438 | 0 | -12 | 6055 | 0 | 384 | 6438 |
| LC 4-0 | 3984 | 0 | -9 | 3789 | 0 | 195 | 3984 |
| LC 5-0 | 1871 | 0 | -5 | 1772 | 0 | 99 | 1871 |
| LC 6-0 | 804 | 0 | -2 | 770 | 0 | 35 | 804 |
| LC 7-0 | 61 | 0 | -1 | 58 | 0 | 3 | 61 |
| LC 8-0 | 29 | 0 | 0 | 6 | 0 | 1 | 29 |
| LC 9-0 | 868 | 0 | 0 | 459 | 0 | 38 | 868 |
| LC 1-1 | 46 | 0 | 3 | 0 | 39 | 7 | 46 |
| LC 2-1 | 12 | 0 | 1 | 0 | 11 | 1 | 12 |
| LC 3-1 | 9 | 0 | 1 | 0 | 9 | 0 | 9 |
| LC 4-1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 |
| LC 5-1 | 6 | 0 | 0 | 0 | 5 | 0 | 6 |
| LC 6-1 | 3 | 0 | 0 | 0 | 3 | 0 | 3 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 16396 | -370 | 0 | 16396 | 0 | 0 | 16396 |
| PAST 1 | 3 | 0 | 0 | 0 | 3 | 0 | 3 |
| LC 1 TO 5 | 23307 | 0 | -45 | 21923 | 76 | 1318 | 23307 |
| LC 6 TO 9 | 1766 | 0 | -2 | 1294 | 3 | 76 | 1373 |
| TOT CRPLND | 25072 | 0 | -46 | 23216 | 79 | 1394 | 24679 |
| SOIL LOSS: | | | | | | | |
| LC 1-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-0 | 10939 | 0 | -25 | 10307 | 0 | 632 | 10939 |
| LC 3-0 | 6438 | 0 | -12 | 6055 | 0 | 384 | 6438 |
| LC 4-0 | 3984 | 0 | -9 | 3216 | 0 | 195 | 3411 |
| LC 5-0 | 1871 | 0 | -5 | 1772 | 0 | 99 | 1871 |
| LC 6-0 | 804 | 0 | -2 | 440 | 0 | 35 | 475 |
| LC 7-0 | 61 | 0 | -1 | 14 | 0 | 3 | 17 |
| LC 8-0 | 29 | 0 | 0 | 0 | 0 | 1 | 1 |
| LC 9-0 | 868 | 0 | 0 | 0 | 0 | 38 | 868 |
| LC 1-1 | 46 | 0 | 3 | 0 | 39 | 7 | 46 |
| LC 2-1 | 12 | 0 | 1 | 0 | 11 | 1 | 12 |
| LC 3-1 | 9 | 0 | 1 | 0 | 9 | 0 | 9 |
| LC 4-1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 |
| LC 5-1 | 6 | 0 | 0 | 0 | 5 | 0 | 6 |
| LC 6-1 | 3 | 0 | 0 | 0 | 3 | 0 | 3 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 16396 | -370 | 0 | 16396 | 0 | 0 | 16396 |
| PAST 1 | 3 | 0 | 0 | 0 | 2 | 0 | 3 |
| LC 1 TO 5 | 23307 | 0 | -45 | 21350 | 65 | 1318 | 22734 |
| LC 6 TO 9 | 1766 | 0 | -2 | 454 | 3 | 76 | 533 |
| TOT CRPLND | 25072 | 0 | -46 | 21804 | 68 | 1394 | 23267 |

TABLE 11.2 DRYLAND CROP ACREAGES (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN NORTH DAKOTA

| | LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEAN | SGRBEET | WHEAT |
|----------------|------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|---------|---------|-------|
| TREND: | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2 | 681 | 585 | 3 | 0 | 2088 | 43 | 0 | 1653 | 0 | 13 | 46 | 964 | 0 | 1925 |
| | 3 | 283 | 27 | 0 | 0 | 715 | 314 | 1500 | 855 | 0 | 0 | 9 | 0 | 0 | 2069 |
| | 4 | 0 | 95 | 0 | 0 | 0 | 1321 | 323 | 437 | 0 | 0 | 0 | 0 | 0 | 496 |
| | 5 | 291 | 0 | 0 | 0 | 0 | 0 | 317 | 0 | 0 | 0 | 0 | 37 | 0 | 1161 |
| | 6 | 0 | 0 | 0 | 0 | 0 | 169 | 18 | 71 | 0 | 10 | 0 | 0 | 0 | 95 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16059 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2 | 1142 | 551 | 0 | 0 | 2049 | 45 | 0 | 1569 | 0 | 13 | 46 | 976 | 0 | 1848 |
| | 3 | 257 | 29 | 0 | 0 | 716 | 297 | 1550 | 830 | 0 | 0 | 14 | 0 | 0 | 2138 |
| | 4 | 0 | 112 | 0 | 0 | 0 | 1327 | 378 | 436 | 0 | 0 | 0 | 0 | 0 | 580 |
| | 5 | 188 | 0 | 0 | 0 | 0 | 0 | 772 | 0 | 0 | 0 | 0 | 0 | 0 | 1235 |
| | 6 | 0 | 0 | 0 | 0 | 0 | 169 | 18 | 71 | 0 | 10 | 0 | 0 | 0 | 94 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16023 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2 | 572 | 516 | 0 | 0 | 2000 | 0 | 0 | 1523 | 0 | 10 | 46 | 960 | 0 | 2527 |
| | 3 | 255 | 50 | 0 | 0 | 608 | 287 | 1617 | 746 | 0 | 17 | 17 | 0 | 0 | 2233 |
| | 4 | 0 | 134 | 0 | 0 | 0 | 1399 | 453 | 437 | 0 | 0 | 0 | 0 | 0 | 696 |
| | 5 | 498 | 0 | 0 | 0 | 0 | 0 | 46 | 0 | 0 | 0 | 0 | 59 | 0 | 1059 |
| | 6 | 0 | 0 | 0 | 0 | 0 | 124 | 0 | 52 | 0 | 0 | 0 | 0 | 0 | 36 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16734 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2 | 823 | 528 | 0 | 0 | 2041 | 65 | 0 | 1575 | 0 | 12 | 46 | 976 | 0 | 2080 |
| | 3 | 349 | 48 | 0 | 0 | 610 | 297 | 1609 | 753 | 0 | 16 | 12 | 0 | 0 | 2225 |
| | 4 | 0 | 132 | 0 | 0 | 0 | 1328 | 447 | 437 | 0 | 0 | 0 | 0 | 0 | 686 |
| | 5 | 255 | 0 | 0 | 0 | 0 | 0 | 748 | 0 | 0 | 0 | 0 | 4 | 0 | 1217 |
| | 6 | 0 | 0 | 0 | 0 | 0 | 123 | 0 | 52 | 0 | 0 | 0 | 0 | 0 | 38 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 47 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16738 | 0 | 0 | 0 | 0 | 0 |

TABLE 11.2 (CONTINUED)

| LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEANS | SGRBEET | WHEAT |
|-------------------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|----------|---------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | | |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 1055 | 557 | 0 | 0 | 2041 | 23 | 0 | 1585 | 0 | 11 | 46 | 964 | 0 | 1804 |
| 3 | 196 | 21 | 0 | 0 | 727 | 295 | 1516 | 833 | 0 | 0 | 20 | 0 | 0 | 2097 |
| 4 | 0 | 113 | 0 | 0 | 0 | 1351 | 384 | 437 | 0 | 0 | 0 | 0 | 0 | 590 |
| 5 | 242 | 0 | 0 | 0 | 0 | 0 | 166 | 0 | 0 | 0 | 0 | 50 | 0 | 1304 |
| 6 | 0 | 0 | 0 | 0 | 0 | 187 | 6 | 78 | 0 | 4 | 0 | 0 | 0 | 78 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16031 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | | |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 1527 | 285 | 0 | 0 | 1698 | 0 | 0 | 1000 | 0 | 0 | 46 | 966 | 0 | 3380 |
| 3 | 1003 | 449 | 0 | 0 | 28 | 107 | 2328 | 178 | 0 | 0 | 0 | 4 | 0 | 2531 |
| 4 | 0 | 134 | 1 | 0 | 688 | 642 | 453 | 437 | 0 | 13 | 0 | 0 | 0 | 1016 |
| 5 | 59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 63 | 0 | 1302 |
| 6 | 0 | 43 | 64 | 0 | 0 | 169 | 85 | 71 | 0 | 6 | 0 | 0 | 0 | 207 |
| 7 | 0 | 0 | 0 | 0 | 0 | 48 | 130 | 11 | 0 | 0 | 0 | 0 | 0 | 24 |
| 8 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 181 | 0 | 0 | 16025 | 0 | 0 | 0 | 0 | 0 |
| SOIL LOSS: | | | | | | | | | | | | | | |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 1704 | 525 | 0 | 0 | 1975 | 0 | 0 | 1430 | 0 | 8 | 46 | 880 | 113 | 1768 |
| 3 | 265 | 64 | 0 | 0 | 606 | 299 | 1649 | 775 | 0 | 4 | 20 | 0 | 0 | 2158 |
| 4 | 0 | 110 | 0 | 0 | 0 | 1368 | 372 | 437 | 0 | 0 | 0 | 0 | 0 | 571 |
| 5 | 262 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 63 | 0 | 1300 |
| 6 | 0 | 0 | 0 | 0 | 0 | 153 | 81 | 64 | 0 | 1 | 0 | 0 | 0 | 81 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16031 | 0 | 0 | 0 | 0 | 0 |

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TABLE 11.3 IRRIGATED CROP ACREAGES (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN NORTH DAKOTA

| | LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEAN | SGRBEET | WHEAT |
|----------------|------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|---------|---------|-------|
| TREND: | 10 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 11 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 12 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 13 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 14 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 15 | 0 | 0 | 0 | 0 | 0 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | 10 | 0 | 11 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 11 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 12 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 13 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 14 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 15 | 0 | 0 | 0 | 0 | 0 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | 10 | 0 | 0 | 0 | 0 | 38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 |
| | 11 | 0 | 0 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 12 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 13 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 14 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | 10 | 0 | 0 | 0 | 0 | 38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 |
| | 11 | 0 | 0 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 12 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 13 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 14 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE 11.3 (CONTINUED)

| LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEANS | SGRBEET | WHEAT |
|-------------------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|----------|---------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | | |
| 10 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | | |
| 10 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOIL LOSS: | | | | | | | | | | | | | | |
| 10 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE 11.4 DRYLAND CROP PRODUCTION (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN NORTH DAKOTA

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEAN BU | SGRBEET TONS | WHEAT BU |
|----------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|---------------|-----------------|-------------|
| TREND: | | | | | | | | | | | | | |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 33451 | 50609 | 22 | 0 | 5813 | 73 | 129386 | 0 | 714 | 439 | 38712 | 0 | 67518 |
| 3 | 11713 | 2591 | 0 | 0 | 1874 | 583 | 54088 | 0 | 0 | 64 | 0 | 0 | 78511 |
| 4 | 0 | 3079 | 0 | 0 | 22 | 2615 | 28466 | 0 | 0 | 0 | 0 | 0 | 12750 |
| 5 | 10231 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1222 | 0 | 36531 |
| 6 | 0 | 0 | 0 | 0 | 0 | 268 | 3830 | 0 | 368 | 0 | 0 | 0 | 2510 |
| 7 | 0 | 0 | 0 | 0 | 0 | 66 | 31 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3268 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | | | | | | | | | | | | | |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 56344 | 47674 | 0 | 0 | 5727 | 75 | 123066 | 0 | 714 | 439 | 39204 | 0 | 64827 |
| 3 | 10628 | 2853 | 0 | 0 | 1876 | 552 | 52589 | 0 | 0 | 99 | 0 | 0 | 81171 |
| 4 | 0 | 10621 | 0 | 0 | 0 | 2627 | 28389 | 0 | 0 | 0 | 0 | 0 | 14916 |
| 5 | 5933 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 61 | 0 | 41115 |
| 6 | 0 | 0 | 0 | 0 | 0 | 268 | 3836 | 0 | 368 | 0 | 0 | 0 | 2471 |
| 7 | 0 | 0 | 0 | 0 | 0 | 66 | 31 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3252 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | | | | | | | | | | | | | |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 27469 | 44580 | 0 | 0 | 5625 | 0 | 118828 | 0 | 635 | 439 | 38739 | 0 | 88661 |
| 3 | 10529 | 5067 | 0 | 0 | 1593 | 534 | 47117 | 0 | 1215 | 114 | 0 | 0 | 84861 |
| 4 | 0 | 12733 | 0 | 0 | 0 | 2713 | 28440 | 0 | 0 | 0 | 0 | 0 | 17682 |
| 5 | 17825 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1927 | 0 | 32222 |
| 6 | 0 | 0 | 0 | 0 | 0 | 197 | 2811 | 0 | 0 | 0 | 0 | 0 | 978 |
| 7 | 0 | 0 | 0 | 0 | 0 | 65 | 31 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3369 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | | | | | | | | | | | | | |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 40876 | 45480 | 0 | 0 | 5727 | 108 | 122396 | 0 | 635 | 439 | 39187 | 0 | 72962 |
| 3 | 14444 | 4933 | 0 | 0 | 1597 | 552 | 47591 | 0 | 1159 | 86 | 0 | 0 | 84791 |
| 4 | 0 | 12563 | 0 | 0 | 0 | 2630 | 28422 | 0 | 0 | 0 | 0 | 0 | 17642 |
| 5 | 8220 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 137 | 0 | 40495 |
| 6 | 0 | 0 | 0 | 0 | 0 | 196 | 2805 | 0 | 0 | 0 | 0 | 0 | 968 |
| 7 | 0 | 0 | 0 | 0 | 0 | 66 | 31 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3368 | 0 | 0 | 0 | 0 | 0 |

TABLE 11.4 (CONTINUED)

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|-------------------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 52167 | 48147 | 0 | 0 | 5702 | 39 | 123962 | 0 | 705 | 439 | 38726 | 0 | 63275 |
| 3 | 8106 | 1987 | 0 | 0 | 1904 | 549 | 52780 | 0 | 0 | 140 | 0 | 0 | 79608 |
| 4 | 0 | 10803 | 0 | 0 | 0 | 2659 | 28450 | 0 | 0 | 0 | 0 | 0 | 15171 |
| 5 | 7625 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1626 | 0 | 39650 |
| 6 | 0 | 0 | 0 | 0 | 0 | 298 | 4257 | 0 | 132 | 0 | 0 | 0 | 2036 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 48 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3257 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 74307 | 24995 | 0 | 0 | 4898 | 0 | 78817 | 0 | 0 | 439 | 38798 | 0 | 116853 |
| 3 | 58939 | 44436 | 0 | 0 | 72 | 199 | 10867 | 0 | 0 | 0 | 123 | 0 | 94819 |
| 4 | 0 | 12733 | 7 | 0 | 1761 | 1270 | 29813 | 0 | 630 | 0 | 0 | 0 | 23721 |
| 5 | 2367 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2043 | 0 | 41973 |
| 6 | 0 | 3304 | 287 | 0 | 0 | 269 | 3843 | 0 | 258 | 0 | 0 | 0 | 5135 |
| 7 | 0 | 0 | 0 | 0 | 0 | 67 | 416 | 0 | 0 | 0 | 0 | 0 | 564 |
| 8 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 163 | 0 | 3255 | 0 | 0 | 0 | 0 | 0 |
| SOIL LOSS: | | | | | | | | | | | | | |
| 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 83224 | 45880 | 0 | 0 | 5519 | 0 | 114022 | 0 | 478 | 439 | 35343 | 2045 | 61501 |
| 3 | 14168 | 5408 | 0 | 0 | 1589 | 556 | 48894 | 0 | 260 | 135 | 0 | 0 | 81395 |
| 4 | 0 | 10457 | 0 | 0 | 0 | 2682 | 28469 | 0 | 0 | 0 | 0 | 0 | 14684 |
| 5 | 8395 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2043 | 0 | 38633 |
| 6 | 0 | 0 | 0 | 0 | 0 | 244 | 3485 | 0 | 23 | 0 | 0 | 0 | 2228 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 48 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3257 | 0 | 0 | 0 | 0 | 0 |

TABLE 11.5 IRRIGATED CROP PRODUCTION (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN NORTH DAKOTA

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TOSN | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|----------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| TREND: | | | | | | | | | | | | | |
| 10 | 0 | 2179 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 125 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 1 | 0 | 0 | 0 | 0 | 103 | 0 | 0 | 0 | 0 | 0 | 37 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | | | | | | | | | | | | | |
| 10 | 0 | 1924 | 0 | 0 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 124 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 1 | 0 | 0 | 0 | 0 | 103 | 0 | 0 | 0 | 0 | 0 | 37 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | | | | | | | | | | | | | |
| 10 | 0 | 0 | 0 | 0 | 231 | 0 | 0 | 0 | 0 | 0 | 0 | 116 | 233 |
| 11 | 0 | 0 | 0 | 0 | 139 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | | | | | | | | | | | | | |
| 10 | 0 | 0 | 0 | 0 | 233 | 0 | 0 | 0 | 0 | 0 | 0 | 116 | 233 |
| 11 | 0 | 0 | 0 | 0 | 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |

TABLE 11.5 (CONTINUED)

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|-------------------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | |
| 10 | 0 | 2170 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 124 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 14 | 0 | 0 | 0 | 0 | 104 | 0 | 0 | 0 | 0 | 0 | 37 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | |
| 10 | 0 | 2179 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 124 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 14 | 0 | 0 | 0 | 0 | 104 | 0 | 0 | 0 | 0 | 0 | 37 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| SOIL LOSS: | | | | | | | | | | | | | |
| 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 124 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 14 | 0 | 0 | 0 | 0 | 104 | 0 | 0 | 0 | 0 | 0 | 37 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |

TABLE 11.6 QUANTITIES OF CROP COMMODITIES PRODUCED (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN NORTH DAKOTA

| | UNIT | PRODUCED | INTER | CONSUMED | NET EXPORT | |
|--------------------|----------|----------|--------|----------|------------|--------|
| TREND: | CORN | BU | 54457 | 49557 | 33433 | -18532 |
| | SORGHUM | BU | 1082 | 687 | 815 | -421 |
| | BARLEY | BU | 55409 | 36542 | 12248 | 6519 |
| | OATS | BU | 215802 | 80381 | 5487 | 129934 |
| | WHEAT | BU | 197818 | 3502 | 37121 | 157185 |
| | SOYBEANS | BU | 39,934 | 6,065 | 28,012 | 5,855 |
| | COTTON | BALES | 0 | 0 | 364 | -364 |
| PRIME LANDS: | CORN | BU | 63073 | 49557 | 33433 | -19917 |
| | SORGHUM | BU | 1082 | 687 | 815 | -421 |
| | BARLEY | BU | 72919 | 36542 | 12248 | 24129 |
| | OATS | BU | 207912 | 80381 | 5487 | 122044 |
| | WHEAT | BU | 204499 | 3502 | 37121 | 163876 |
| | SOYBEANS | BU | 39,266 | 6,065 | 28,012 | 5,187 |
| | COTTON | BALES | 0 | 0 | 346 | -346 |
| FRAGILE: | CORN | BU | 62381 | 49557 | 33433 | -20609 |
| | SORGHUM | BU | 1850 | 687 | 815 | 348 |
| | BARLEY | BU | 55924 | 36542 | 12248 | 7034 |
| | OATS | BU | 197227 | 80381 | 5487 | 111359 |
| | WHEAT | BU | 224837 | 3502 | 37121 | 184213 |
| | SOYBEANS | BU | 40,666 | 6,065 | 28,012 | 6,587 |
| | COTTON | BALES | 0 | 0 | 346 | -346 |
| PRIME- FRAGILE: | CORN | BU | 62975 | 49557 | 33433 | -20014 |
| | SORGHUM | BU | 1793 | 687 | 815 | 291 |
| | BARLEY | BU | 63540 | 36542 | 12248 | 14750 |
| | OATS | BU | 201245 | 80381 | 5487 | 115377 |
| | WHEAT | BU | 217091 | 3502 | 37121 | 176468 |
| | SOYBEANS | BU | 39,323 | 6,065 | 28,012 | 5,244 |
| | COTTON | BALES | 0 | 0 | 346 | -346 |
| ENV. CORR. | CORN | BU | 63108 | 49557 | 33433 | -19881 |
| | SORGHUM | BU | 837 | 687 | 815 | -666 |
| | BARLEY | BU | 67911 | 36542 | 12248 | 19121 |
| | OATS | BU | 209450 | 80381 | 5487 | 123582 |
| | WHEAT | BU | 199787 | 3502 | 37121 | 159164 |
| | SOYBEANS | BU | 40,352 | 6,065 | 28,012 | 6,273 |
| | COTTON | BALES | 0 | 0 | 346 | -346 |
| HIGH EXPORT: | CORN | BU | 87647 | 49557 | 33433 | 4658 |
| | SORGHUM | BU | 888 | 687 | 815 | -615 |
| | BARLEY | BU | 135626 | 36542 | 12248 | 86836 |
| | OATS | BU | 123756 | 80381 | 5487 | 37888 |
| | WHEAT | BU | 283094 | 3502 | 37121 | 242470 |
| | SOYBEANS | BU | 42,024 | 6,065 | 28,012 | 6,886 |
| | COTTON | BALES | 0 | 0 | 346 | -346 |
| SOIL LOSS: | CORN | BU | 62745 | 49557 | 33433 | -20245 |
| | SORGHUM | BU | 761 | 687 | 815 | -742 |
| | BARLEY | BU | 105901 | 36542 | 12248 | 57011 |
| | OATS | BU | 194851 | 80381 | 5487 | 108983 |
| | WHEAT | BU | 198490 | 3502 | 37121 | 157866 |
| | SOYBEANS | BU | 37,387 | 6,065 | 28,012 | 3,307 |
| | COTTON | BALES | 0 | 0 | 346 | -346 |

TABLE 11.7 RESOURCE USE IN CROP PRODUCTION (THOUSANDS OF DOLLARS) UNDER ALTERNATIVE FUTURES IN NORTH DAKOTA

| | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|------------|-------|-------|-------|-------|----------|--------|-------|
| TREND: | | | | | | | |
| BARLEY | 14962 | 10 | 7141 | 14824 | 6811 | 56821 | 273 |
| CORN G | 5199 | 26 | 2630 | 4965 | 4602 | 26483 | 1107 |
| CORN S | 2691 | 0 | 1826 | 389 | 774 | 8624 | 600 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 54263 | 204 | 12312 | 26 | 26335 | 72730 | 8250 |
| HAY N | 29547 | 338 | 9200 | 37 | 6116 | 54651 | 6243 |
| S FALLOW | 13169 | 0 | 976 | 0 | 0 | 4621 | 0 |
| OATS | 29931 | 0 | 7090 | 2324 | 12719 | 56839 | 1450 |
| SORG G | 2 | 0 | 1 | 0 | 1 | 12 | 0 |
| SORG S | 386 | 1 | 157 | 42 | 46 | 820 | 35 |
| SOYBEANS | 8389 | 0 | 3769 | 2468 | 4308 | 45341 | 192 |
| SUGAR BEET | 994 | 14 | 4135 | 789 | 571 | 2195 | 932 |
| WHEAT | 59854 | 0 | 18850 | 34204 | 21242 | 164135 | 993 |

PRIME LANDS:

| | | | | | | | |
|------------|-------|-----|-------|-------|-------|--------|------|
| BARLEY | 16064 | 10 | 7695 | 18375 | 7611 | 62965 | 298 |
| CORN G | 3753 | 23 | 2615 | 5121 | 4893 | 26454 | 1109 |
| CORN S | 2158 | 0 | 1612 | 443 | 705 | 7618 | 531 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 53967 | 303 | 12232 | 25 | 26224 | 72718 | 8197 |
| HAY N | 33854 | 336 | 9138 | 41 | 6137 | 54270 | 6203 |
| S FALLOW | 12201 | 0 | 1218 | 0 | 0 | 5765 | 0 |
| OATS | 29101 | 0 | 6955 | 2206 | 12465 | 55834 | 138 |
| SORG G | 3 | 0 | 1 | 0 | 1 | 12 | 0 |
| SORG S | 416 | 1 | 187 | 62 | 55 | 973 | 42 |
| SOYBEANS | 5628 | 0 | 3231 | 1334 | 3693 | 38866 | 165 |
| SUGAR BEET | 829 | 14 | 4146 | 790 | 572 | 2200 | 934 |
| WHEAT | 50741 | 0 | 19529 | 29497 | 20949 | 169862 | 1036 |

FRAGILE:

| | | | | | | | |
|------------|-------|-----|-------|-------|-------|--------|------|
| BARLEY | 21265 | 0 | 8110 | 24414 | 7680 | 64772 | 304 |
| CORN G | 4956 | 0 | 2603 | 3644 | 4364 | 26313 | 1107 |
| CORN S | 2694 | 0 | 1521 | 346 | 676 | 7186 | 501 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 60923 | 510 | 11716 | 25 | 24876 | 69106 | 7793 |
| HAY N | 39718 | 187 | 8679 | 51 | 5869 | 51676 | 5902 |
| S FALLOW | 16114 | 0 | 945 | 0 | 0 | 4487 | 0 |
| OATS | 34116 | 0 | 6555 | 1650 | 11665 | 52631 | 130 |
| SORG G | 6 | 0 | 1 | 0 | 1 | 11 | 0 |
| SORG S | 508 | 1 | 201 | 70 | 59 | 1038 | 45 |
| SOYBEANS | 9756 | 0 | 4104 | 2244 | 4690 | 49368 | 209 |
| SUGAR BEET | 1197 | 14 | 4127 | 779 | 571 | 2185 | 932 |
| WHEAT | 80764 | 10 | 20616 | 24227 | 24005 | 179163 | 1110 |

PRIME FRAGILE:

| | | | | | | | |
|------------|-------|-----|-------|-------|-------|--------|------|
| BARLEY | 14455 | 0 | 7677 | 22935 | 7412 | 61242 | 290 |
| CORN G | 3669 | 0 | 2612 | 7913 | 4388 | 26397 | 1109 |
| CORN S | 2346 | 0 | 1694 | 335 | 726 | 8000 | 558 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 52871 | 479 | 11777 | 37 | 25016 | 69421 | 7834 |
| HAY N | 34711 | 212 | 8717 | 49 | 5902 | 51923 | 5931 |
| S FALLOW | 14332 | 0 | 1239 | 0 | 0 | 5869 | 0 |
| OATS | 28503 | 0 | 6601 | 3059 | 11745 | 52999 | 131 |
| SORG G | 5 | 0 | 1 | 0 | 1 | 11 | 0 |
| SORG S | 396 | 1 | 176 | 60 | 52 | 916 | 39 |
| SOYBEANS | 6537 | 0 | 3319 | 2018 | 3798 | 39930 | 169 |
| SUGAR BEET | 806 | 14 | 3079 | 588 | 420 | 1653 | 705 |
| WHEAT | 58733 | 10 | 20241 | 49467 | 21894 | 175916 | 1090 |

TABLE 11.7 (CONTINUED)

| | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|-------------------------|-------|-------|-------|-------|----------|--------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| BARLEY | 22413 | 10 | 7991 | 31346 | 7729 | 63749 | 302 |
| CORN G | 5074 | 26 | 2625 | 5266 | 4496 | 26427 | 1107 |
| CORN S | 2286 | 0 | 1381 | 401 | 594 | 6540 | 455 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 63000 | 299 | 12191 | 31 | 26156 | 72009 | 8173 |
| HAY N | 36248 | 326 | 9115 | 61 | 6122 | 54117 | 6187 |
| S FALLOW | 13133 | 0 | 944 | 0 | 0 | 4468 | 0 |
| DATS | 34279 | 0 | 6927 | 2380 | 12416 | 55617 | 137 |
| SORG G | 3 | 0 | 1 | 0 | 1 | 12 | 0 |
| SORG S | 545 | 1 | 223 | 114 | 66 | 1149 | 50 |
| SOYBEANS | 8551 | 0 | 3955 | 2678 | 4520 | 47576 | 202 |
| SUGAR BEET | 1012 | 14 | 4135 | 820 | 571 | 2195 | 932 |
| WHEAT | 64132 | 0 | 19744 | 37495 | 22526 | 171712 | 1048 |

HIGH EXPORT:

| | | | | | | | |
|------------|--------|-----|-------|--------|-------|--------|------|
| BARLEY | 130619 | 10 | 11108 | 4694 | 9929 | 90576 | 293 |
| CORN G | 22960 | 26 | 2975 | 8372 | 4064 | 29247 | 1119 |
| CORN S | 7906 | 0 | 2300 | 16291 | 871 | 10851 | 749 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 89241 | 433 | 9102 | 15 | 19975 | 53342 | 6187 |
| HAY N | 40142 | 136 | 7072 | 78 | 4945 | 41609 | 4789 |
| S FALLOW | 91335 | 0 | 1379 | 0 | 0 | 6629 | 0 |
| DATS | 48742 | 0 | 4422 | 3888 | 8472 | 35800 | 70 |
| SORG G | 9 | 0 | 1 | 2 | 1 | 14 | 0 |
| SORG S | 720 | 5 | 112 | 210 | 31 | 584 | 25 |
| SOYBEANS | 38577 | 0 | 4106 | 3467 | 4700 | 49384 | 210 |
| SUGAR BEET | 3791 | 14 | 5051 | 696 | 703 | 2651 | 1131 |
| WHEAT | 361345 | 28 | 29019 | 138321 | 34296 | 251394 | 1537 |

SOIL LOSS:

| | | | | | | | |
|------------|-------|-----|-------|-------|-------|--------|------|
| BARLEY | 43439 | 10 | 10930 | 11319 | 10426 | 87952 | 378 |
| CORN G | 5744 | 0 | 2604 | 7462 | 4493 | 26336 | 1102 |
| CORN S | 2861 | 0 | 1448 | 169 | 540 | 6846 | 477 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 62052 | 776 | 11259 | 54 | 23893 | 66228 | 7567 |
| HAY N | 28824 | 37 | 8566 | 38 | 5635 | 50602 | 5844 |
| S FALLOW | 17899 | 0 | 999 | 0 | 0 | 4781 | 0 |
| DATS | 31448 | 0 | 6399 | 2953 | 11752 | 51325 | 128 |
| SORG G | 3 | 0 | 1 | 0 | 1 | 10 | 0 |
| SORG S | 542 | 1 | 218 | 66 | 64 | 1126 | 49 |
| SOYBEANS | 10435 | 0 | 3885 | 4381 | 4442 | 46737 | 198 |
| SUGAR BEET | 2281 | 14 | 9250 | 2102 | 1272 | 4741 | 1990 |
| WHEAT | 74042 | 0 | 19883 | 50669 | 22537 | 172911 | 1049 |

TABLE 11.8. QUANTITY OF WATER (THOUSANDS OF ACRE FEET) USED FOR IRRIGATION UNDER SEVEN ALTERNATIVE FUTURES IN NORTH DAKOTA

| ALTERNATIVE FUTURE | QUANTITY OF WATER |
|------------------------|-------------------|
| TREND | 235 |
| PRIME | 240 |
| FRAGILE | 252 |
| PRIME-FRAGILE | 250 |
| ENVIRONMENTAL CORRIDOR | 236 |
| HIGH EXPORT | 228 |
| SOIL LOSS | 292 |

CHAPTER 12. OHIO

Note: There are no tables 3, 5, and 8 in this chapter because irrigation activity is not defined in the model for this geographical area.

TABLE 12.1 LAND USE (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN OHIO

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXO G USED | TOT USED |
|-----------------------|-----------|---------|---------|----------|----------|------------|----------|
| TREND: | | | | | | | |
| LC 1-0 | 658 | 119 | 0 | 649 | 0 | 9 | 658 |
| LC 2-0 | 2075 | 0 | 0 | 2022 | 0 | 52 | 2075 |
| LC 3-0 | 5166 | 0 | 0 | 5007 | 0 | 157 | 5166 |
| LC 4-0 | 963 | 0 | 0 | 939 | 0 | 24 | 963 |
| LC 5-0 | 1724 | 0 | 0 | 1644 | 0 | 80 | 1724 |
| LC 6-0 | 469 | 0 | 0 | 459 | 0 | 10 | 469 |
| LC 7-0 | 48 | 0 | 0 | 21 | 0 | 2 | 23 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 180 | 0 | 0 | 0 | 0 | 4 | 4 |
| LC 1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 6305 | -87 | 0 | 6305 | 0 | 0 | 6305 |
| PAST 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 10585 | 119 | 0 | 10264 | 0 | 322 | 10585 |
| LC 6 TO 9 | 697 | 0 | 0 | 480 | 0 | 15 | 495 |
| TOT CRPLND | 11283 | 119 | 0 | 10744 | 0 | 337 | 11081 |
| PRIME LANDS: | | | | | | | |
| LC 1-0 | 565 | 0 | 0 | 557 | 0 | 9 | 565 |
| LC 2-0 | 2196 | 0 | 0 | 2144 | 0 | 52 | 2196 |
| LC 3-0 | 5499 | 0 | 0 | 5342 | 0 | 157 | 5499 |
| LC 4-0 | 870 | 0 | 0 | 847 | 0 | 24 | 870 |
| LC 5-0 | 1511 | 0 | 0 | 1431 | 0 | 80 | 1511 |
| LC 6-0 | 428 | 0 | 0 | 418 | 0 | 10 | 428 |
| LC 7-0 | 42 | 0 | 0 | 3 | 0 | 2 | 5 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 167 | 0 | 0 | 0 | 0 | 4 | 4 |
| LC 1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 6368 | 0 | 0 | 6368 | 0 | 0 | 6368 |
| PAST 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 10642 | 0 | 0 | 10320 | 0 | 322 | 10642 |
| LC 6 TO 9 | 637 | 0 | 0 | 421 | 0 | 15 | 437 |
| TOT CRPLND | 11279 | 0 | 0 | 10741 | 0 | 337 | 11078 |
| FRAGILE: | | | | | | | |
| LC 1-0 | 815 | 277 | 0 | 807 | 0 | 9 | 815 |
| LC 2-0 | 2074 | 0 | 0 | 2021 | 0 | 52 | 2074 |
| LC 3-0 | 5164 | 0 | 0 | 5007 | 0 | 157 | 5164 |
| LC 4-0 | 962 | 0 | 0 | 938 | 0 | 24 | 962 |
| LC 5-0 | 1723 | 0 | 0 | 1643 | 0 | 80 | 1723 |
| LC 6-0 | 464 | 0 | 0 | 455 | 0 | 10 | 464 |
| LC 7-0 | 48 | 0 | 0 | 21 | 0 | 2 | 23 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 4 | 0 | 0 | 0 | 0 | 4 | 4 |
| LC 1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 6310 | -261 | 0 | 6310 | 0 | 0 | 6310 |
| PAST 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 10738 | 277 | 0 | 10416 | 0 | 322 | 10738 |
| LC 6 TO 9 | 516 | 0 | 0 | 476 | 0 | 15 | 491 |
| TOT CRPLND | 11254 | 277 | 0 | 10892 | 0 | 337 | 11229 |
| PRIME-FRAGILE: | | | | | | | |
| LC 1-0 | 684 | 119 | 0 | 675 | 0 | 9 | 684 |
| LC 2-0 | 2196 | 0 | 0 | 2144 | 0 | 52 | 2196 |
| LC 3-0 | 5499 | 0 | 0 | 5342 | 0 | 157 | 5499 |
| LC 4-0 | 864 | 0 | 0 | 840 | 0 | 24 | 864 |
| LC 5-0 | 1504 | 0 | 0 | 1424 | 0 | 80 | 1504 |
| LC 6-0 | 420 | 0 | 0 | 411 | 0 | 10 | 420 |
| LC 7-0 | 42 | 0 | 0 | 20 | 0 | 2 | 22 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 4 | 0 | 0 | 0 | 0 | 4 | 4 |
| LC 1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 6456 | -87 | 0 | 6456 | 0 | 0 | 6456 |
| PAST 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 10747 | 119 | 0 | 10425 | 0 | 322 | 10747 |
| LC 6 TO 9 | 466 | 0 | 0 | 430 | 0 | 15 | 446 |
| TOT CRPLND | 11213 | 119 | 0 | 10855 | 0 | 337 | 11193 |

TABLE 12.1 (CONTINUED)

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXOGEN USED | TOT USED |
|--------------------------------|-----------|---------|---------|----------|----------|-------------|----------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| LC 1-0 | 652 | 116 | 0 | 643 | 0 | 9 | 652 |
| LC 2-0 | 2062 | 0 | 0 | 2009 | 0 | 52 | 2062 |
| LC 3-0 | 5129 | 0 | 0 | 4972 | 0 | 157 | 5129 |
| LC 4-0 | 956 | 0 | 0 | 933 | 0 | 24 | 956 |
| LC 5-0 | 1710 | 0 | 0 | 1630 | 0 | 80 | 1710 |
| LC 6-0 | 466 | 0 | 0 | 456 | 0 | 10 | 466 |
| LC 7-0 | 48 | 0 | 0 | 21 | 0 | 27 | 48 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1-1 | 0 | 0 | 0 | 0 | 0 | 4 | 4 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 6301 | -85 | 0 | 6301 | 0 | 0 | 6301 |
| PAST 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 10509 | 116 | 0 | 10187 | 0 | 322 | 10509 |
| LC 6 TO 9 | 693 | 0 | 0 | 477 | 0 | 15 | 492 |
| TOT CRPLND | 11202 | 116 | 0 | 10664 | 0 | 337 | 11002 |
| HIGH EXPORT: | | | | | | | |
| LC 1-0 | 1025 | 485 | 0 | 1017 | 0 | 9 | 1025 |
| LC 2-0 | 2075 | 0 | 0 | 2022 | 0 | 52 | 2075 |
| LC 3-0 | 5166 | 0 | 0 | 5009 | 0 | 157 | 5166 |
| LC 4-0 | 963 | 0 | 0 | 939 | 0 | 24 | 963 |
| LC 5-0 | 1724 | 0 | 0 | 1644 | 0 | 80 | 1724 |
| LC 6-0 | 469 | 0 | 0 | 459 | 0 | 10 | 469 |
| LC 7-0 | 48 | 0 | 0 | 46 | 0 | 2 | 48 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 180 | 0 | 0 | 176 | 0 | 4 | 180 |
| LC 1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 5932 | -46 | 0 | 5932 | 0 | 0 | 5932 |
| PAST 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 10953 | 486 | 0 | 10631 | 0 | 322 | 10953 |
| LC 6 TO 9 | 697 | 0 | 0 | 682 | 0 | 15 | 697 |
| TOT CRPLND | 11650 | 486 | 0 | 11313 | 0 | 337 | 11050 |
| SOIL LOSS: | | | | | | | |
| LC 1-0 | 816 | 277 | 0 | 807 | 0 | 9 | 816 |
| LC 2-0 | 2075 | 0 | 0 | 2022 | 0 | 52 | 2075 |
| LC 3-0 | 5166 | 0 | 0 | 5009 | 0 | 157 | 5166 |
| LC 4-0 | 963 | 0 | 0 | 939 | 0 | 24 | 963 |
| LC 5-0 | 1724 | 0 | 0 | 1644 | 0 | 80 | 1724 |
| LC 6-0 | 469 | 0 | 0 | 436 | 0 | 10 | 469 |
| LC 7-0 | 48 | 0 | 0 | 14 | 0 | 34 | 48 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 180 | 0 | 0 | 176 | 0 | 4 | 180 |
| LC 1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 6130 | -261 | 0 | 6130 | 0 | 0 | 6130 |
| PAST 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 10743 | 277 | 0 | 10422 | 0 | 322 | 10743 |
| LC 6 TO 9 | 697 | 0 | 0 | 450 | 0 | 15 | 466 |
| TOT CRPLND | 11440 | 277 | 0 | 10872 | 0 | 337 | 11209 |

TABLE 12.2 DRYLAND CROP ACREAGES (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN OHIO

| TREND: | LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEAN | SGRBEET | WHEAT |
|----------------|------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|---------|---------|-------|
| TREND: | 1 | 0 | 334 | 235 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 99 | 0 | 0 |
| | 2 | 0 | 956 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1017 | 0 | 203 |
| | 3 | 0 | 2495 | 62 | 0 | 94 | 0 | 0 | 0 | 0 | 0 | 0 | 2424 | 139 | 0 |
| | 4 | 0 | 338 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 484 | 0 | 138 |
| | 5 | 0 | 514 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 886 | 117 | 222 |
| | 6 | 0 | 7 | 10 | 0 | 0 | 8 | 95 | 0 | 0 | 0 | 0 | 121 | 0 | 182 |
| | 7 | 0 | 5 | 0 | 0 | 0 | 0 | 1 | 0 | 3 | 0 | 0 | 2 | 0 | 4 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 621 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | 1 | 0 | 212 | 307 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0 |
| | 2 | 0 | 1001 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1072 | 0 | 145 |
| | 3 | 0 | 2642 | 16 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 2583 | 233 | 0 |
| | 4 | 0 | 298 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 424 | 0 | 129 |
| | 5 | 0 | 379 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 826 | 0 | 264 |
| | 6 | 0 | 6 | 9 | 0 | 0 | 7 | 93 | 0 | 0 | 0 | 0 | 106 | 0 | 163 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 636 | 0 | 0 | 0 | 0 |
| FRAGILE: | 1 | 0 | 301 | 234 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 298 | 0 | 0 |
| | 2 | 0 | 945 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1016 | 0 | 130 |
| | 3 | 0 | 2559 | 62 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 2496 | 0 | 0 |
| | 4 | 0 | 339 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 479 | 0 | 137 |
| | 5 | 0 | 353 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 800 | 290 | 284 |
| | 6 | 0 | 7 | 10 | 0 | 0 | 7 | 94 | 0 | 0 | 0 | 0 | 120 | 0 | 181 |
| | 7 | 0 | 5 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 4 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 604 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | 1 | 0 | 209 | 295 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 195 | 0 | 0 |
| | 2 | 0 | 998 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 1072 | 0 | 145 |
| | 3 | 0 | 2655 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 2576 | 233 | 0 |
| | 4 | 0 | 295 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 441 | 0 | 128 |
| | 5 | 0 | 368 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 810 | 0 | 277 |
| | 6 | 0 | 9 | 3 | 0 | 0 | 2 | 9 | 0 | 0 | 0 | 0 | 105 | 0 | 165 |
| | 7 | 0 | 5 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 5 | 0 | 4 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 636 | 0 | 0 | 0 | 0 |

TABLE 12.2 (CONTINUED)

| LAND CLASS ENVIRONMENTAL CORRIDOR: | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEANS | SGRBEET | WHEAT |
|------------------------------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|----------|---------|-------|
| 1 | 0 | 357 | 232 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 71 | 0 | 0 |
| 2 | 0 | 849 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1010 | 0 | 202 |
| 3 | 0 | 2539 | 66 | 0 | 94 | 0 | 0 | 0 | 0 | 0 | 0 | 2476 | 0 | 0 |
| 4 | 0 | 336 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 467 | 0 | 137 |
| 5 | 0 | 446 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 791 | 290 | 219 |
| 6 | 0 | 7 | 10 | 0 | 8 | 95 | 0 | 0 | 0 | 0 | 0 | 120 | 0 | 181 |
| 7 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 13 | 0 | 4 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6216 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | | |
| 1 | 0 | 637 | 291 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 118 | 0 | 0 |
| 2 | 0 | 856 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1017 | 0 | 203 |
| 3 | 0 | 2675 | 0 | 0 | 51 | 0 | 0 | 0 | 0 | 0 | 0 | 2491 | 0 | 0 |
| 4 | 0 | 338 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 492 | 0 | 138 |
| 5 | 0 | 561 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 779 | 290 | 173 |
| 6 | 0 | 25 | 6 | 0 | 18 | 2 | 0 | 34 | 0 | 0 | 0 | 153 | 0 | 200 |
| 7 | 0 | 5 | 11 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 28 | 0 | 4 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 20 | 0 | 0 | 22 | 102 | 0 | 22 | 5472 | 0 | 0 | 0 | 0 | 10 |
| SOIL LOSS: | | | | | | | | | | | | | | |
| 1 | 0 | 270 | 281 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 282 | 0 | 0 |
| 2 | 0 | 1035 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 281 | 0 | 0 |
| 3 | 0 | 2591 | 0 | 0 | 81 | 0 | 0 | 0 | 0 | 0 | 0 | 1011 | 0 | 6 |
| 4 | 0 | 51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2552 | 0 | 200 |
| 5 | 0 | 592 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 688 | 0 | 429 |
| 6 | 0 | 106 | 3 | 0 | 0 | 83 | 0 | 0 | 0 | 0 | 0 | 552 | 180 | 130 |
| 7 | 0 | 5 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 88 | 0 | 114 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 3 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5869 | 0 | 0 | 0 | 0 | 0 |

TABLE 12.4 DRYLAND CROP PRODUCTION (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN OHIO

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEAN BU | SGRBEET TONS | WHEAT BU |
|----------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|---------------|-----------------|-------------|
| TREND: | | | | | | | | | | | | | |
| 1 | 0 | 43518 | 4424 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4144 | 0 | 0 |
| 2 | 0 | 116358 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45444 | 0 | 12121 |
| 3 | 0 | 329117 | 1061 | 0 | 433 | 0 | 0 | 0 | 0 | 0 | 101873 | 3055 | 0 |
| 4 | 0 | 40379 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 18579 | 0 | 6974 |
| 5 | 0 | 49233 | 360 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31473 | 2055 | 9983 |
| 6 | 0 | 582 | 143 | 0 | 23 | 237 | 0 | 0 | 0 | 0 | 3941 | 0 | 8023 |
| 7 | 0 | 504 | 0 | 0 | 0 | 3 | 167 | 0 | 0 | 0 | 4 | 0 | 172 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1768 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | | | | | | | | | | | | | |
| 1 | 0 | 27664 | 5412 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1930 | 0 | 0 |
| 2 | 0 | 135882 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 47970 | 0 | 8675 |
| 3 | 0 | 348513 | 274 | 0 | 422 | 0 | 0 | 0 | 0 | 0 | 108628 | 5122 | 0 |
| 4 | 0 | 35626 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 16319 | 0 | 6521 |
| 5 | 0 | 35190 | 360 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29294 | 0 | 11831 |
| 6 | 0 | 475 | 133 | 0 | 21 | 214 | 0 | 0 | 0 | 0 | 3464 | 0 | 7106 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39 | 0 | 48 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1797 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | | | | | | | | | | | | | |
| 1 | 0 | 39195 | 4417 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12218 | 0 | 0 |
| 2 | 0 | 128274 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45461 | 0 | 7756 |
| 3 | 0 | 337632 | 1065 | 0 | 427 | 0 | 0 | 0 | 0 | 0 | 104983 | 0 | 0 |
| 4 | 0 | 40412 | 0 | 0 | 3 | 11 | 0 | 0 | 0 | 0 | 18410 | 0 | 6893 |
| 5 | 0 | 33218 | 360 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28860 | 5094 | 12986 |
| 6 | 0 | 575 | 135 | 0 | 22 | 226 | 0 | 0 | 0 | 0 | 3923 | 0 | 7939 |
| 7 | 0 | 504 | 0 | 0 | 0 | 3 | 167 | 0 | 0 | 0 | 44 | 0 | 171 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1761 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | | | | | | | | | | | | | |
| 1 | 0 | 27146 | 5437 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8024 | 0 | 0 |
| 2 | 0 | 135468 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 47962 | 0 | 8640 |
| 3 | 0 | 350302 | 0 | 0 | 458 | 0 | 0 | 0 | 0 | 0 | 108285 | 5122 | 0 |
| 4 | 0 | 35285 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16932 | 0 | 6503 |
| 5 | 0 | 33851 | 360 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28678 | 0 | 12462 |
| 6 | 0 | 893 | 42 | 0 | 7 | 213 | 0 | 0 | 0 | 0 | 3418 | 0 | 7214 |
| 7 | 0 | 465 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 145 | 0 | 152 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1820 | 0 | 0 | 0 | 0 | 0 |

TABLE 12.4 (CONTINUED)

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|-------------------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | |
| 1 | 0 | 46578 | 4364 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3028 | 0 | 0 |
| 2 | 0 | 115446 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45181 | 0 | 12091 |
| 3 | 0 | 334955 | 1130 | 0 | 431 | 0 | 0 | 0 | 0 | 0 | 104113 | 0 | 0 |
| 4 | 0 | 40137 | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 0 | 17965 | 0 | 6911 |
| 5 | 0 | 43343 | 360 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28284 | 5094 | 9834 |
| 6 | 0 | 577 | 141 | 0 | 23 | 237 | 0 | 0 | 0 | 0 | 3916 | 0 | 7979 |
| 7 | 0 | 482 | 0 | 0 | 0 | 0 | 166 | 0 | 0 | 0 | 415 | 0 | 171 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1767 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | |
| 1 | 0 | 83289 | 5478 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5016 | 0 | 0 |
| 2 | 0 | 116358 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45494 | 0 | 12121 |
| 3 | 0 | 353102 | 0 | 0 | 237 | 0 | 0 | 0 | 0 | 0 | 104786 | 0 | 0 |
| 4 | 0 | 40625 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19015 | 0 | 7079 |
| 5 | 0 | 56959 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28890 | 5346 | 8035 |
| 6 | 0 | 2503 | 92 | 0 | 60 | 0 | 2305 | 0 | 0 | 0 | 4997 | 0 | 8862 |
| 7 | 0 | 492 | 75 | 0 | 0 | 0 | 167 | 0 | 0 | 0 | 812 | 0 | 175 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 1015 | 0 | 0 | 54 | 164 | 855 | 1696 | 0 | 0 | 0 | 0 | 220 |
| SOIL LOSS: | | | | | | | | | | | | | |
| 1 | 0 | 35071 | 5185 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11575 | 0 | 0 |
| 2 | 0 | 140218 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45214 | 0 | 3647 |
| 3 | 0 | 341901 | 0 | 0 | 374 | 0 | 0 | 0 | 0 | 0 | 106629 | 0 | 0 |
| 4 | 0 | 5623 | 0 | 0 | 0 | 24 | 0 | 0 | 0 | 0 | 18134 | 0 | 22264 |
| 5 | 0 | 58527 | 469 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34914 | 318 | 6193 |
| 6 | 0 | 11339 | 49 | 0 | 23 | 210 | 0 | 0 | 0 | 0 | 2876 | 0 | 5034 |
| 7 | 0 | 504 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 44 | 0 | 137 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1699 | 0 | 0 | 0 | 0 | 0 |

TABLE 12.6 QUANTITIES OF CROP COMMODITIES PRODUCED (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN OHIO

| | | UNIT | PRODUCED | INTER | CONSUMED | NET EXPORT |
|--------------------|----------|-------|----------|--------|----------|------------|
| TREND: | CORN | BU | 579692 | 214783 | 12862 | 352047 |
| | SORGHUM | BU | 0 | 11389 | 323 | -11712 |
| | BARLEY | BU | 0 | 2698 | 4708 | -7406 |
| | OATS | BU | 167 | 2005 | 2171 | -4009 |
| | WHEAT | BU | 37273 | 1933 | 14273 | 21067 |
| | SOYBEANS | BU | 205,547 | 52,639 | 10,755 | 142,153 |
| | COTTON | BALES | 0 | 0 | 133 | -133 |
| PRIME LANDS: | CORN | BU | 583350 | 214783 | 12862 | 355704 |
| | SORGHUM | BU | 0 | 11389 | 323 | -11712 |
| | BARLEY | BU | 0 | 2698 | 4708 | -7406 |
| | OATS | BU | 0 | 2005 | 2171 | -4176 |
| | WHEAT | BU | 34181 | 1933 | 14273 | 17975 |
| | SOYBEANS | BU | 207,643 | 52,639 | 10,755 | 144,247 |
| | COTTON | BALES | 0 | 0 | 133 | -133 |
| FRAGILE: | CORN | BU | 579809 | 214783 | 12862 | 352164 |
| | SORGHUM | BU | 0 | 11389 | 323 | -11712 |
| | BARLEY | BU | 0 | 2698 | 4708 | -7406 |
| | OATS | BU | 167 | 2005 | 2171 | -4009 |
| | WHEAT | BU | 35750 | 1933 | 14273 | 19544 |
| | SOYBEANS | BU | 213,899 | 52,639 | 10,755 | 150,503 |
| | COTTON | BALES | 0 | 0 | 133 | -133 |
| PRIME- FRAGILE: | CORN | BU | 583409 | 214783 | 12862 | 355764 |
| | SORGHUM | BU | 0 | 11389 | 323 | -11712 |
| | BARLEY | BU | 0 | 2698 | 4708 | -7406 |
| | OATS | BU | 0 | 2005 | 2171 | -4176 |
| | WHEAT | BU | 34971 | 1933 | 14273 | 18765 |
| | SOYBEANS | BU | 213,443 | 52,639 | 10,755 | 150,047 |
| | COTTON | BALES | 0 | 0 | 133 | -133 |
| ENV. CORR. | CORN | BU | 581519 | 214783 | 12862 | 353874 |
| | SORGHUM | BU | 0 | 11389 | 323 | -11712 |
| | BARLEY | BU | 0 | 2698 | 4708 | -7406 |
| | OATS | BU | 166 | 2005 | 2171 | -4009 |
| | WHEAT | BU | 36986 | 1933 | 14273 | 20780 |
| | SOYBEANS | BU | 202,902 | 52,639 | 10,755 | 139,506 |
| | COTTON | BALES | 0 | 0 | 133 | -133 |
| HIGH EXPORT: | CORN | BU | 654343 | 214783 | 12862 | 426898 |
| | SORGHUM | BU | 0 | 11389 | 323 | -11712 |
| | BARLEY | BU | 0 | 2698 | 4708 | -7406 |
| | OATS | BU | 3327 | 2005 | 2171 | -848 |
| | WHEAT | BU | 36492 | 1933 | 14273 | 20286 |
| | SOYBEANS | BU | 209,009 | 52,639 | 10,755 | 145,613 |
| | COTTON | BALES | 0 | 0 | 133 | -133 |
| SOIL LOSS: | CORN | BU | 593183 | 214783 | 12862 | 365538 |
| | SORGHUM | BU | 0 | 11389 | 323 | -11712 |
| | BARLEY | BU | 0 | 2698 | 4708 | -7406 |
| | OATS | BU | 0 | 2005 | 2171 | -4176 |
| | WHEAT | BU | 37275 | 1933 | 14273 | 21069 |
| | SOYBEANS | BU | 219,385 | 52,639 | 10,755 | 155,991 |
| | COTTON | BALES | 0 | 0 | 133 | -133 |

TABLE 12.7 RESOURCE USE IN CROP PRODUCTION (THOUSANDS OF DOLLARS) UNDER ALTERNATIVE FUTURES IN OHIO

| TREND: | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|------------|--------|-------|-------|-------|----------|--------|-------|
| BARLEY | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CORN G | 178351 | 0 | 36186 | 55023 | 23608 | 259796 | 19694 |
| CORN S | 9503 | 0 | 3364 | 382 | 1338 | 15952 | 912 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 1504 | 0 | 486 | 515 | 917 | 2483 | 403 |
| HAY N | 699 | 0 | 620 | 75 | 753 | 3183 | 437 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 2 | 0 | 57 | 2 | 71 | 313 | 12 |
| SORG G | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 190732 | 0 | 28083 | 48852 | 42527 | 248188 | 6425 |
| SUGAR BEET | 6474 | 0 | 13086 | 3396 | 7941 | 10408 | 1108 |
| WHEAT | 22217 | 0 | 5627 | 6441 | 7008 | 31445 | 1276 |

PRIME LANDS:

| | | | | | | | |
|------------|--------|---|-------|-------|-------|--------|-------|
| BARLEY | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CORN G | 163697 | 0 | 36235 | 54918 | 23508 | 260050 | 19567 |
| CORN S | 12948 | 0 | 4361 | 482 | 1324 | 20399 | 1215 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 1285 | 0 | 471 | 501 | 889 | 2407 | 391 |
| HAY N | 430 | 0 | 555 | 70 | 730 | 2844 | 423 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SORG G | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 176781 | 0 | 28363 | 49381 | 42813 | 250553 | 6482 |
| SUGAR BEET | 8382 | 0 | 13584 | 3396 | 7941 | 10804 | 1108 |
| WHEAT | 17685 | 0 | 5227 | 6112 | 6519 | 29737 | 1210 |

FRAGILE:

| | | | | | | | |
|------------|--------|---|-------|-------|-------|--------|-------|
| BARLEY | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CORN G | 188761 | 0 | 36073 | 54631 | 23439 | 258905 | 19530 |
| CORN S | 10105 | 0 | 3361 | 382 | 1337 | 15938 | 912 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 1636 | 0 | 486 | 507 | 918 | 2482 | 403 |
| HAY N | 943 | 0 | 594 | 83 | 753 | 3044 | 435 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 20 | 0 | 57 | 2 | 71 | 313 | 12 |
| SORG G | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 213655 | 0 | 29142 | 50615 | 44142 | 257728 | 6659 |
| SUGAR BEET | 2651 | 0 | 12349 | 3396 | 7941 | 9822 | 1108 |
| WHEAT | 22415 | 0 | 5549 | 6368 | 6835 | 31534 | 1264 |

PRIME FRAGILE:

| | | | | | | | |
|------------|--------|---|-------|-------|-------|--------|-------|
| BARLEY | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CORN G | 169156 | 0 | 36292 | 54931 | 23584 | 260423 | 19563 |
| CORN S | 11141 | 0 | 3687 | 414 | 1296 | 17371 | 1013 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 1525 | 0 | 493 | 544 | 928 | 2527 | 411 |
| HAY N | 718 | 0 | 575 | 53 | 763 | 2954 | 446 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SORG G | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 190217 | 0 | 29087 | 50694 | 44061 | 257101 | 6661 |
| SUGAR BEET | 8547 | 0 | 13584 | 3396 | 7941 | 10804 | 1108 |
| WHEAT | 16990 | 0 | 5404 | 6383 | 6726 | 30608 | 1252 |

TABLE 12.7 (CONTINUED)

| | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|--------------------------------|--------|-------|-------|-------|----------|--------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| BARLEY | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CORN G | 180866 | 0 | 36114 | 54832 | 23532 | 259328 | 19658 |
| CORN S | 9494 | 0 | 3370 | 383 | 1340 | 15983 | 914 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 1500 | 0 | 483 | 512 | 911 | 2468 | 401 |
| HAY N | 651 | 0 | 620 | 74 | 748 | 3181 | 434 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DATS | 3 | 0 | 57 | 1 | 71 | 312 | 12 |
| SDRG G | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SDRG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 191049 | 0 | 27778 | 48249 | 41983 | 245457 | 5344 |
| SUGAR BEET | 2540 | 0 | 12349 | 3396 | 7941 | 9822 | 1108 |
| WHEAT | 22083 | 0 | 5586 | 6383 | 6953 | 31737 | 1267 |
| HIGH EXPORT: | | | | | | | |
| BARLEY | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CORN G | 476419 | 0 | 40802 | 62004 | 26505 | 293170 | 22141 |
| CORN S | 21605 | 0 | 3296 | 375 | 1308 | 15626 | 895 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 2995 | 0 | 592 | 616 | 1150 | 3148 | 490 |
| HAY N | 818 | 0 | 579 | 151 | 746 | 3039 | 446 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DATS | 1599 | 0 | 398 | 138 | 559 | 2164 | 79 |
| SDRG G | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SDRG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 480116 | 0 | 29068 | 50016 | 43490 | 256794 | 6579 |
| SUGAR BEET | 10882 | 0 | 13584 | 3396 | 7941 | 10804 | 1108 |
| WHEAT | 64246 | 0 | 5637 | 6423 | 6921 | 31949 | 1259 |
| SOIL LOSS: | | | | | | | |
| BARLEY | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| CORN G | 202667 | 0 | 37299 | 56622 | 24200 | 267558 | 19923 |
| CORN S | 12457 | 0 | 3674 | 414 | 1294 | 17257 | 1008 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 1516 | 0 | 430 | 444 | 802 | 2195 | 352 |
| HAY N | 567 | 0 | 544 | 357 | 731 | 2770 | 414 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DATS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SDRG G | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SDRG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 233228 | 0 | 30043 | 51821 | 45087 | 265504 | 6821 |
| SUGAR BEET | 179 | 0 | 772 | 212 | 496 | 614 | 69 |
| WHEAT | 24518 | 0 | 5407 | 5872 | 6511 | 30721 | 1166 |

CHAPTER 13. SOUTH DAKOTA

Note: Dryland crop acreage in table 2 of this chapter includes the acreage on land that could have been irrigated.

TABLE 13.1 LAND USE (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN SOUTH DAKOTA

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXOG USED | TOT USED |
|-----------------------|-----------|---------|---------|----------|----------|-----------|----------|
| TREND: | | | | | | | |
| LC 1-0 | 2268 | 321 | -27 | 2181 | 0 | 87 | 2268 |
| LC 2-0 | 3984 | 0 | -39 | 3745 | 0 | 239 | 3984 |
| LC 3-0 | 3787 | 0 | -39 | 3554 | 0 | 233 | 3787 |
| LC 4-0 | 2125 | 0 | -15 | 1180 | 0 | 105 | 1285 |
| LC 5-0 | 1555 | 0 | -15 | 1176 | 0 | 88 | 1263 |
| LC 6-0 | 1093 | 0 | -5 | 841 | 0 | 48 | 888 |
| LC 7-0 | 239 | 0 | -2 | 103 | 0 | 11 | 114 |
| LC 8-0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 464 | 0 | 0 | 0 | 0 | 21 | 21 |
| LC 1-1 | 41 | 0 | 20 | 0 | 39 | 2 | 41 |
| LC 2-1 | 58 | 0 | 34 | 0 | 57 | 1 | 58 |
| LC 3-1 | 103 | 0 | 60 | 0 | 102 | 1 | 103 |
| LC 4-1 | 34 | 0 | 4 | 0 | 32 | 1 | 34 |
| LC 5-1 | 81 | 0 | 46 | 0 | 79 | 2 | 81 |
| LC 6-1 | 45 | 0 | 4 | 0 | 42 | 3 | 45 |
| LC 7-1 | 19 | 0 | 11 | 0 | 19 | 0 | 19 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 31137 | -284 | 0 | 31137 | 0 | 0 | 31137 |
| PAST 1 | 65 | 0 | 0 | 64 | 1 | 0 | 65 |
| LC 1 TO 5 | 14035 | 321 | 30 | 11836 | 309 | 759 | 12904 |
| LC 6 TO 9 | 1880 | 0 | 8 | 944 | 61 | 83 | 1088 |
| TOT CRPLND | 15915 | 321 | 39 | 12780 | 370 | 842 | 13992 |
| PRIME LANDS: | | | | | | | |
| LC 1-0 | 2285 | 302 | -27 | 2198 | 0 | 87 | 2285 |
| LC 2-0 | 4047 | 0 | -40 | 3808 | 0 | 239 | 4047 |
| LC 3-0 | 3846 | 0 | -39 | 3613 | 0 | 233 | 3846 |
| LC 4-0 | 2089 | 0 | -14 | 1173 | 0 | 105 | 1278 |
| LC 5-0 | 1522 | 0 | -14 | 1269 | 0 | 88 | 1357 |
| LC 6-0 | 1084 | 0 | -4 | 838 | 0 | 48 | 886 |
| LC 7-0 | 234 | 0 | -2 | 103 | 0 | 11 | 114 |
| LC 8-0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 459 | 0 | 0 | 0 | 0 | 21 | 21 |
| LC 1-1 | 42 | 0 | 20 | 0 | 39 | 2 | 42 |
| LC 2-1 | 59 | 0 | 35 | 0 | 58 | 1 | 59 |
| LC 3-1 | 104 | 0 | 61 | 0 | 103 | 1 | 104 |
| LC 4-1 | 33 | 0 | 4 | 0 | 32 | 1 | 33 |
| LC 5-1 | 79 | 0 | 44 | 0 | 77 | 2 | 79 |
| LC 6-1 | 45 | 0 | 4 | 0 | 42 | 3 | 45 |
| LC 7-1 | 18 | 0 | 11 | 0 | 18 | 0 | 18 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 31146 | -266 | 0 | 31146 | 0 | 0 | 31146 |
| PAST 1 | 65 | 0 | 0 | 10 | 55 | 0 | 65 |
| LC 1 TO 5 | 14105 | 302 | 30 | 12061 | 309 | 759 | 13129 |
| LC 6 TO 9 | 1860 | 0 | 8 | 941 | 60 | 83 | 1085 |
| TOT CRPLND | 15965 | 302 | 38 | 13003 | 369 | 842 | 14214 |
| FRAGILE: | | | | | | | |
| LC 1-0 | 2266 | 320 | -27 | 2179 | 0 | 87 | 2266 |
| LC 2-0 | 3984 | 0 | -42 | 3745 | 0 | 239 | 3984 |
| LC 3-0 | 3786 | 0 | -41 | 3553 | 0 | 233 | 3786 |
| LC 4-0 | 2125 | 0 | -17 | 1360 | 0 | 105 | 1464 |
| LC 5-0 | 1555 | 0 | -16 | 1467 | 0 | 88 | 1555 |
| LC 6-0 | 769 | 0 | -5 | 522 | 0 | 48 | 570 |
| LC 7-0 | 239 | 0 | -2 | 103 | 0 | 11 | 114 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 21 | 0 | 0 | 0 | 0 | 21 | 21 |
| LC 1-1 | 43 | 0 | 22 | 0 | 41 | 2 | 43 |
| LC 2-1 | 59 | 0 | 36 | 0 | 59 | 1 | 59 |
| LC 3-1 | 105 | 0 | 63 | 0 | 104 | 1 | 105 |
| LC 4-1 | 37 | 0 | 9 | 0 | 36 | 1 | 37 |
| LC 5-1 | 83 | 0 | 49 | 0 | 82 | 1 | 83 |
| LC 6-1 | 3 | 0 | 0 | 0 | 0 | 3 | 3 |
| LC 7-1 | 19 | 0 | 12 | 0 | 19 | 0 | 19 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 32180 | -283 | 0 | 32180 | 0 | 0 | 32180 |
| PAST 1 | 88 | 0 | 0 | 0 | 88 | 0 | 88 |
| LC 1 TO 5 | 14044 | 320 | 38 | 12304 | 321 | 759 | 13384 |
| LC 6 TO 9 | 1052 | 0 | 5 | 626 | 19 | 83 | 728 |
| TOT CRPLND | 15096 | 320 | 42 | 12930 | 340 | 842 | 14112 |
| PRIME-FRAGILE: | | | | | | | |
| LC 1-0 | 2295 | 302 | -27 | 2208 | 0 | 87 | 2295 |
| LC 2-0 | 4049 | 0 | -42 | 3809 | 0 | 239 | 4049 |
| LC 3-0 | 3850 | 0 | -41 | 3617 | 0 | 233 | 3850 |
| LC 4-0 | 2090 | 0 | -16 | 1174 | 0 | 105 | 1278 |
| LC 5-0 | 1525 | 0 | -15 | 1435 | 0 | 88 | 1522 |
| LC 6-0 | 759 | 0 | -5 | 520 | 0 | 48 | 568 |
| LC 7-0 | 235 | 0 | -2 | 104 | 0 | 11 | 115 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 21 | 0 | 0 | 0 | 0 | 21 | 21 |
| LC 1-1 | 44 | 0 | 22 | 0 | 41 | 2 | 44 |
| LC 2-1 | 60 | 0 | 37 | 0 | 60 | 1 | 60 |
| LC 3-1 | 107 | 0 | 64 | 0 | 106 | 1 | 107 |
| LC 4-1 | 37 | 0 | 9 | 0 | 36 | 1 | 37 |
| LC 5-1 | 81 | 0 | 47 | 0 | 80 | 2 | 81 |
| LC 6-1 | 3 | 0 | -0 | 0 | 0 | 3 | 3 |
| LC 7-1 | 18 | 0 | 11 | 0 | 18 | 0 | 18 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 32179 | -266 | 0 | 32179 | 0 | 0 | 32179 |
| PAST 1 | 77 | 0 | 0 | 32 | 46 | 0 | 77 |
| LC 1 TO 5 | 14137 | 302 | 37 | 12242 | 322 | 759 | 13323 |
| LC 6 TO 9 | 1038 | 0 | 4 | 624 | 18 | 83 | 726 |
| TOT CRPLND | 15175 | 302 | 42 | 12866 | 340 | 842 | 14048 |

TABLE 13.1 (CONTINUED)

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXOG USED | TOT USED |
|--------------------------------|-----------|---------|---------|----------|----------|-----------|----------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| LC 1-0 | 2248 | 302 | -27 | 2161 | 0 | 87 | 2248 |
| LC 2-0 | 3984 | 0 | -39 | 3745 | 0 | 239 | 3984 |
| LC 3-0 | 3786 | 0 | -39 | 3553 | 0 | 233 | 3786 |
| LC 4-0 | 2125 | 0 | -15 | 1239 | 0 | 105 | 1344 |
| LC 5-0 | 1555 | 0 | -15 | 1467 | 0 | 88 | 1555 |
| LC 6-0 | 1093 | 0 | -5 | 841 | 0 | 48 | 888 |
| LC 7-0 | 239 | 0 | -2 | 103 | 0 | 11 | 114 |
| LC 8-0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 464 | 0 | 0 | 0 | 0 | 21 | 21 |
| LC 1-1 | 41 | 0 | 20 | 0 | 39 | 2 | 41 |
| LC 2-1 | 58 | 0 | 34 | 0 | 57 | 1 | 58 |
| LC 3-1 | 103 | 0 | 50 | 0 | 102 | 1 | 103 |
| LC 4-1 | 34 | 0 | 4 | 0 | 32 | 1 | 34 |
| LC 5-1 | 81 | 0 | 46 | 0 | 79 | 2 | 81 |
| LC 6-1 | 45 | 0 | 4 | 0 | 42 | 3 | 45 |
| LC 7-1 | 19 | 0 | 11 | 0 | 19 | 0 | 19 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 31156 | -266 | 0 | 31156 | 0 | 0 | 31156 |
| PAST 1 | 55 | 0 | 0 | 10 | 44 | 0 | 55 |
| LC 1 TO 5 | 14014 | 302 | 30 | 12165 | 309 | 759 | 13233 |
| LC 6 TO 9 | 1880 | 0 | 8 | 944 | 61 | 83 | 1088 |
| TOT CRPLND | 15894 | 302 | 39 | 13110 | 370 | 842 | 14321 |
| HIGH EXPORT: | | | | | | | |
| LC 1-0 | 2283 | 336 | -27 | 2196 | 0 | 87 | 2283 |
| LC 2-0 | 3984 | 0 | -39 | 3745 | 0 | 239 | 3984 |
| LC 3-0 | 3787 | 0 | -39 | 3554 | 0 | 233 | 3787 |
| LC 4-0 | 2125 | 0 | -15 | 2021 | 0 | 105 | 2125 |
| LC 5-0 | 1555 | 0 | -15 | 1467 | 0 | 88 | 1555 |
| LC 6-0 | 1093 | 0 | -5 | 1046 | 0 | 48 | 1093 |
| LC 7-0 | 239 | 0 | -2 | 228 | 0 | 11 | 239 |
| LC 8-0 | 20 | 0 | 0 | 4 | 0 | 0 | 4 |
| LC 9-0 | 464 | 0 | 0 | 321 | 0 | 21 | 343 |
| LC 1-1 | 41 | 0 | 20 | 0 | 39 | 2 | 41 |
| LC 2-1 | 58 | 0 | 34 | 0 | 57 | 1 | 58 |
| LC 3-1 | 103 | 0 | 60 | 0 | 102 | 1 | 103 |
| LC 4-1 | 34 | 0 | 4 | 0 | 32 | 1 | 34 |
| LC 5-1 | 81 | 0 | 46 | 0 | 79 | 2 | 81 |
| LC 6-1 | 45 | 0 | 4 | 0 | 42 | 3 | 45 |
| LC 7-1 | 19 | 0 | 11 | 0 | 19 | 0 | 19 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 31123 | -298 | 0 | 31123 | 0 | 0 | 31123 |
| PAST 1 | 65 | 0 | 0 | 0 | 65 | 0 | 65 |
| LC 1 TO 5 | 14050 | 336 | 30 | 12983 | 309 | 759 | 14050 |
| LC 6 TO 9 | 1880 | 0 | 8 | 1599 | 61 | 83 | 1743 |
| TOT CRPLND | 15930 | 336 | 39 | 14581 | 370 | 842 | 15793 |
| SOIL LOSS: | | | | | | | |
| LC 1-0 | 2283 | 336 | -27 | 2196 | 0 | 87 | 2283 |
| LC 2-0 | 3984 | 0 | -39 | 3745 | 0 | 239 | 3984 |
| LC 3-0 | 3787 | 0 | -39 | 3554 | 0 | 233 | 3787 |
| LC 4-0 | 2125 | 0 | -15 | 1289 | 0 | 105 | 1394 |
| LC 5-0 | 1555 | 0 | -15 | 1467 | 0 | 88 | 1555 |
| LC 6-0 | 1093 | 0 | -5 | 841 | 0 | 48 | 888 |
| LC 7-0 | 239 | 0 | -2 | 103 | 0 | 11 | 114 |
| LC 8-0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 464 | 0 | 0 | 0 | 0 | 21 | 21 |
| LC 1-1 | 41 | 0 | 20 | 0 | 39 | 2 | 41 |
| LC 2-1 | 58 | 0 | 34 | 0 | 57 | 1 | 58 |
| LC 3-1 | 103 | 0 | 60 | 0 | 102 | 1 | 103 |
| LC 4-1 | 34 | 0 | 4 | 0 | 32 | 1 | 34 |
| LC 5-1 | 81 | 0 | 46 | 0 | 79 | 2 | 81 |
| LC 6-1 | 45 | 0 | 4 | 0 | 42 | 3 | 45 |
| LC 7-1 | 19 | 0 | 11 | 0 | 19 | 0 | 19 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 31123 | -298 | 0 | 31123 | 0 | 0 | 31123 |
| PAST 1 | 65 | 0 | 0 | 10 | 55 | 0 | 65 |
| LC 1 TO 5 | 14050 | 336 | 30 | 12251 | 309 | 759 | 13319 |
| LC 6 TO 9 | 1880 | 0 | 8 | 944 | 61 | 83 | 1088 |
| TOT CRPLND | 15930 | 336 | 39 | 13195 | 370 | 842 | 14407 |

TABLE 13.2 DRYLAND CROP ACREAGES (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN SOUTH DAKOTA

| | LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEAN | SGRBEET | WHEAT |
|----------------|------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|---------|---------|-------|
| TREND: | 1 | 0 | 84 | 929 | 0 | 285 | 0 | 2 | 304 | 0 | 0 | 0 | 404 | 0 | 7 |
| | 2 | 494 | 739 | 37 | 0 | 1794 | 126 | 0 | 464 | 0 | 178 | 139 | 310 | 0 | 0 |
| | 3 | 738 | 325 | 0 | 0 | 1457 | 221 | 223 | 166 | 0 | 0 | 283 | 155 | 0 | 538 |
| | 4 | 0 | 28 | 1 | 0 | 16 | 1139 | 0 | 243 | 0 | 0 | 0 | 18 | 0 | 0 |
| | 5 | 423 | 7 | 0 | 0 | 6 | 0 | 0 | 16 | 0 | 0 | 0 | 164 | 0 | 494 |
| | 6 | 0 | 0 | 7 | 0 | 0 | 597 | 27 | 115 | 0 | 36 | 0 | 1 | 0 | 155 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 22 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30925 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | 1 | 0 | 75 | 835 | 0 | 377 | 0 | 2 | 403 | 0 | 0 | 0 | 364 | 0 | 7 |
| | 2 | 717 | 657 | 0 | 0 | 1750 | 130 | 0 | 420 | 0 | 178 | 139 | 325 | 0 | 0 |
| | 3 | 670 | 337 | 0 | 0 | 1469 | 177 | 224 | 180 | 0 | 0 | 441 | 143 | 0 | 539 |
| | 4 | 0 | 27 | 1 | 0 | 8 | 1144 | 0 | 240 | 0 | 0 | 0 | 17 | 0 | 0 |
| | 5 | 492 | 6 | 0 | 0 | 6 | 0 | 0 | 15 | 0 | 0 | 0 | 191 | 0 | 493 |
| | 6 | 0 | 0 | 6 | 0 | 0 | 597 | 27 | 115 | 0 | 36 | 0 | 1 | 0 | 152 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 22 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30892 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | 1 | 0 | 77 | 771 | 0 | 411 | 0 | 1 | 438 | 0 | 5 | 0 | 339 | 0 | 10 |
| | 2 | 691 | 715 | 0 | 0 | 1771 | 0 | 0 | 456 | 0 | 138 | 139 | 330 | 0 | 0 |
| | 3 | 664 | 343 | 0 | 0 | 1250 | 194 | 231 | 159 | 0 | 26 | 508 | 142 | 0 | 534 |
| | 4 | 0 | 28 | 1 | 0 | 8 | 1349 | 0 | 243 | 0 | 0 | 0 | 18 | 0 | 0 |
| | 5 | 633 | 6 | 0 | 0 | 6 | 0 | 0 | 16 | 0 | 0 | 0 | 244 | 0 | 494 |
| | 6 | 0 | 0 | 6 | 0 | 0 | 438 | 0 | 84 | 0 | 0 | 0 | 1 | 0 | 62 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 22 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31898 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | 1 | 0 | 70 | 892 | 0 | 334 | 0 | 2 | 356 | 0 | 7 | 0 | 387 | 0 | 14 |
| | 2 | 402 | 835 | 0 | 0 | 1844 | 167 | 0 | 512 | 0 | 158 | 139 | 306 | 0 | 0 |
| | 3 | 310 | 297 | 0 | 0 | 1255 | 203 | 196 | 165 | 0 | 24 | 382 | 195 | 0 | 448 |
| | 4 | 0 | 26 | 1 | 0 | 6 | 1146 | 0 | 240 | 0 | 0 | 0 | 17 | 0 | 0 |
| | 5 | 610 | 6 | 0 | 0 | 6 | 0 | 0 | 15 | 0 | 0 | 0 | 236 | 0 | 494 |
| | 6 | 0 | 0 | 6 | 0 | 0 | 437 | 0 | 84 | 0 | 0 | 0 | 1 | 0 | 61 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 22 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31949 | 0 | 0 | 0 | 0 | 0 |

TABLE 13.2 (CONTINUED)

| LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEANS | SGRBEET | WHEAT |
|-------------------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|----------|---------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | | |
| 1 | 287 | 75 | 676 | 0 | 308 | 0 | 2 | 329 | 0 | 0 | 0 | 368 | 0 | 7 |
| 2 | 611 | 747 | 0 | 0 | 1770 | 67 | 0 | 450 | 0 | 153 | 139 | 324 | 0 | 0 |
| 3 | 511 | 323 | 0 | 0 | 1488 | 186 | 220 | 178 | 0 | 0 | 623 | 109 | 0 | 536 |
| 4 | 0 | 28 | 1 | 0 | 8 | 1214 | 0 | 243 | 0 | 0 | 0 | 18 | 0 | 0 |
| 5 | 633 | 6 | 0 | 0 | 6 | 0 | 0 | 16 | 0 | 0 | 0 | 244 | 0 | 494 |
| 6 | 0 | 0 | 7 | 0 | 0 | 663 | 10 | 127 | 0 | 13 | 0 | 1 | 0 | 127 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 30 | 0 | 0 | 0 | 56 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30902 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | | |
| 1 | 11 | 353 | 1018 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 | 552 | 0 | 0 |
| 2 | 1412 | 96 | 0 | 0 | 1464 | 0 | 0 | 176 | 0 | 0 | 139 | 399 | 0 | 354 |
| 3 | 545 | 1011 | 0 | 0 | 56 | 226 | 611 | 6 | 0 | 0 | 0 | 27 | 0 | 1056 |
| 4 | 0 | 26 | 17 | 0 | 605 | 553 | 0 | 242 | 0 | 210 | 0 | 115 | 0 | 492 |
| 5 | 0 | 3 | 0 | 0 | 19 | 0 | 0 | 17 | 0 | 0 | 0 | 243 | 0 | 1120 |
| 6 | 0 | 0 | 138 | 0 | 1 | 598 | 16 | 125 | 0 | 21 | 0 | 16 | 0 | 177 |
| 7 | 0 | 30 | 0 | 0 | 0 | 50 | 24 | 26 | 0 | 0 | 0 | 0 | 0 | 60 |
| 8 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 566 | 0 | 6 | 30825 | 0 | 0 | 0 | 0 | 6 |
| SOIL LOSS: | | | | | | | | | | | | | | |
| 1 | 396 | 343 | 721 | 0 | 0 | 0 | 1 | 0 | 0 | 5 | 0 | 521 | 0 | 10 |
| 2 | 1439 | 263 | 0 | 0 | 1546 | 0 | 0 | 247 | 0 | 104 | 139 | 373 | 0 | 0 |
| 3 | 309 | 486 | 0 | 0 | 1235 | 226 | 328 | 140 | 0 | 5 | 600 | 49 | 0 | 728 |
| 4 | 0 | 28 | 0 | 0 | 8 | 1270 | 0 | 244 | 0 | 0 | 0 | 18 | 0 | 0 |
| 5 | 633 | 7 | 0 | 0 | 6 | 0 | 0 | 16 | 0 | 0 | 0 | 244 | 0 | 494 |
| 6 | 0 | 0 | 7 | 0 | 0 | 543 | 126 | 104 | 0 | 2 | 0 | 1 | 0 | 131 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 30 | 0 | 0 | 0 | 56 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30836 | 0 | 0 | 0 | 0 | 0 |

TABLE 13.3 IRRIGATED CROP ACREAGES (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN SOUTH DAKOTA

| TREND: | LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEAN | SGRBEET | WHEAT |
|----------------|------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|---------|---------|-------|
| | 10 | 0 | 42 | 0 | 0 | 0 | 67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 11 | 0 | 0 | 0 | 0 | 10 | 51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 12 | 0 | 0 | 0 | 0 | 28 | 78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 13 | 0 | 0 | 0 | 0 | 33 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 14 | 0 | 0 | 0 | 0 | 14 | 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 15 | 4 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 16 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 0 | 0 |
| | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | 10 | 0 | 37 | 0 | 0 | 2 | 68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 11 | 0 | 0 | 0 | 0 | 10 | 52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 12 | 0 | 0 | 0 | 0 | 31 | 76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 13 | 0 | 0 | 0 | 0 | 33 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 14 | 0 | 0 | 0 | 0 | 14 | 58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 15 | 4 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 16 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 0 | 0 |
| | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | 10 | 0 | 0 | 0 | 0 | 15 | 67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 11 | 0 | 0 | 0 | 0 | 11 | 51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 12 | 0 | 0 | 0 | 0 | 90 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 13 | 0 | 0 | 0 | 0 | 37 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 14 | 0 | 0 | 0 | 0 | 16 | 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 15 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 16 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 0 | 0 |
| | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | 10 | 0 | 0 | 0 | 0 | 15 | 68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 11 | 0 | 0 | 0 | 0 | 12 | 52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 12 | 0 | 0 | 0 | 0 | 62 | 49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 13 | 0 | 0 | 0 | 0 | 37 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 14 | 0 | 0 | 0 | 0 | 16 | 58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 15 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 16 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 4 | 0 | 0 |
| | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |

TABLE 13.3 (CONTINUED)

| LAND CLASS ENVIRONMENTAL CORRIDOR: | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEANS | SGRBEET | WHEAT |
|------------------------------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|----------|---------|-------|
| 10 | 0 | 42 | 0 | 0 | 0 | 67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 10 | 91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 42 | 64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 33 | 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 14 | 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 4 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 1 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | | |
| 10 | 0 | 2 | 0 | 0 | 5 | 63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOIL LOSS: | | | | | | | | | | | | | | |
| 10 | 0 | 0 | 0 | 0 | 82 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 96 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE 13.4 DRYLAND CROP PRODUCTION (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN SOUTH DAKOTA

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEAN BU | SGRBEET TONS | WHEAT BU |
|----------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|---------------|-----------------|-------------|
| TREND: | | | | | | | | | | | | | |
| 1 | 0 | 10705 | 7337 | 0 | 641 | 0 | 17214 | 0 | 0 | 0 | 12920 | 0 | 252 |
| 2 | 23870 | 58610 | 307 | 0 | 5346 | 210 | 31893 | 0 | 9757 | 1338 | 11697 | 4 | 0 |
| 3 | 30531 | 26126 | 0 | 0 | 3820 | 960 | 11074 | 0 | 0 | 1942 | 4639 | 0 | 16911 |
| 4 | 0 | 2961 | 10 | 0 | 55 | 2256 | 16456 | 0 | 0 | 0 | 593 | 0 | 0 |
| 5 | 13310 | 570 | 0 | 0 | 25 | 0 | 1103 | 0 | 0 | 0 | 5015 | 0 | 15792 |
| 6 | 0 | 0 | 77 | 0 | 0 | 949 | 6213 | 0 | 1297 | 0 | 20 | 0 | 4071 |
| 7 | 0 | 0 | 0 | 0 | 0 | 69 | 864 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6462 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | | | | | | | | | | | | | |
| 1 | 0 | 9678 | 6573 | 0 | 849 | 0 | 22794 | 0 | 0 | 0 | 11648 | 0 | 264 |
| 2 | 34536 | 52770 | 0 | 0 | 5235 | 217 | 29147 | 0 | 9757 | 1338 | 12288 | 4 | 0 |
| 3 | 27703 | 29532 | 0 | 0 | 3874 | 768 | 12297 | 0 | 0 | 3027 | 4297 | 0 | 16947 |
| 4 | 0 | 2838 | 8 | 0 | 35 | 2266 | 16247 | 0 | 0 | 0 | 566 | 0 | 0 |
| 5 | 15494 | 543 | 0 | 0 | 24 | 0 | 1039 | 0 | 0 | 0 | 5827 | 0 | 15757 |
| 6 | 0 | 0 | 74 | 0 | 0 | 950 | 6222 | 0 | 1297 | 0 | 19 | 0 | 4009 |
| 7 | 0 | 0 | 0 | 0 | 0 | 69 | 862 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6453 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | | | | | | | | | | | | | |
| 1 | 0 | 9885 | 6195 | 0 | 924 | 0 | 24807 | 0 | 400 | 0 | 10852 | 0 | 334 |
| 2 | 33307 | 56466 | 0 | 0 | 5298 | 0 | 31738 | 0 | 8690 | 1338 | 12697 | 4 | 0 |
| 3 | 27446 | 30739 | 0 | 0 | 3302 | 776 | 10915 | 0 | 1837 | 3491 | 4264 | 0 | 17035 |
| 4 | 0 | 2941 | 14 | 0 | 36 | 2527 | 16416 | 0 | 0 | 0 | 596 | 0 | 0 |
| 5 | 19912 | 570 | 0 | 0 | 25 | 0 | 1102 | 0 | 0 | 0 | 7476 | 0 | 15785 |
| 6 | 0 | 0 | 74 | 0 | 0 | 696 | 4560 | 0 | 0 | 0 | 20 | 0 | 1586 |
| 7 | 0 | 0 | 0 | 0 | 0 | 63 | 864 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6625 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | | | | | | | | | | | | | |
| 1 | 0 | 6940 | 7080 | 0 | 751 | 0 | 20165 | 0 | 558 | 0 | 12382 | 0 | 535 |
| 2 | 19436 | 65093 | 0 | 0 | 5503 | 312 | 35526 | 0 | 8630 | 1338 | 11578 | 4 | 0 |
| 3 | 37649 | 26914 | 0 | 0 | 3322 | 775 | 11361 | 0 | 1752 | 2621 | 5834 | 0 | 14335 |
| 4 | 0 | 2805 | 12 | 0 | 34 | 2268 | 16213 | 0 | 0 | 0 | 567 | 0 | 0 |
| 5 | 19203 | 541 | 0 | 0 | 24 | 0 | 1034 | 0 | 0 | 0 | 7210 | 0 | 15798 |
| 6 | 0 | 0 | 70 | 0 | 0 | 695 | 4550 | 0 | 0 | 0 | 19 | 0 | 1570 |
| 7 | 0 | 0 | 0 | 0 | 0 | 69 | 866 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6629 | 0 | 0 | 0 | 0 | 0 |

TABLE 13.4 (CONTINUED)

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|-------------------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | |
| 1 | 12381 | 9566 | 5404 | 0 | 693 | 0 | 18609 | 0 | 0 | 0 | 11857 | 0 | 261 |
| 2 | 29477 | 59316 | 0 | 0 | 5282 | 112 | 31039 | 0 | 9639 | 1338 | 12248 | 4 | 0 |
| 3 | 21128 | 28024 | 0 | 0 | 3916 | 807 | 12082 | 0 | 0 | 4281 | 3273 | 0 | 16796 |
| 4 | 0 | 2949 | 10 | 0 | 36 | 2356 | 16432 | 0 | 0 | 0 | 592 | 0 | 0 |
| 5 | 19912 | 568 | 0 | 0 | 25 | 0 | 1098 | 0 | 0 | 0 | 7476 | 0 | 15791 |
| 6 | 0 | 0 | 77 | 0 | 0 | 1054 | 6906 | 0 | 465 | 0 | 20 | 0 | 3302 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1275 | 0 | 0 | 0 | 1325 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6462 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | |
| 1 | 742 | 29024 | 7828 | 0 | 0 | 0 | 0 | 0 | 1240 | 0 | 17766 | 6 | 0 |
| 2 | 67823 | 12694 | 0 | 0 | 4452 | 0 | 13000 | 0 | 0 | 1338 | 15086 | 0 | 10354 |
| 3 | 30124 | 94182 | 0 | 0 | 147 | 982 | 421 | 0 | 0 | 0 | 810 | 0 | 33003 |
| 4 | 0 | 2728 | 105 | 0 | 1570 | 1096 | 17031 | 0 | 9915 | 0 | 3389 | 0 | 8952 |
| 5 | 0 | 284 | 0 | 0 | 80 | 0 | 1353 | 0 | 0 | 0 | 7422 | 0 | 27211 |
| 6 | 0 | 0 | 756 | 0 | 3 | 952 | 6890 | 0 | 908 | 0 | 388 | 0 | 4781 |
| 7 | 0 | 1730 | 2 | 0 | 0 | 69 | 1035 | 0 | 0 | 0 | 0 | 0 | 1275 |
| 8 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 502 | 275 | 6443 | 0 | 0 | 0 | 0 | 112 |
| SOIL LOSS: | | | | | | | | | | | | | |
| 1 | 17073 | 28343 | 5560 | 0 | 0 | 0 | 0 | 0 | 402 | 0 | 16899 | 0 | 386 |
| 2 | 69256 | 24528 | 0 | 0 | 4673 | 0 | 17665 | 0 | 6533 | 1338 | 14104 | 5 | 0 |
| 3 | 14176 | 42860 | 0 | 0 | 3234 | 982 | 9283 | 0 | 343 | 4119 | 1457 | 0 | 22305 |
| 4 | 0 | 3324 | 0 | 0 | 61 | 2427 | 16962 | 0 | 0 | 0 | 645 | 0 | 0 |
| 5 | 19912 | 611 | 0 | 0 | 26 | 0 | 1180 | 0 | 0 | 0 | 7480 | 0 | 15806 |
| 6 | 0 | 0 | 89 | 0 | 0 | 263 | 5653 | 0 | 30 | 0 | 15 | 0 | 3615 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1275 | 0 | 0 | 0 | 1325 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6443 | 0 | 0 | 0 | 0 | 0 |

TABLE 13.5 IRRIGATED CROP PRODUCTION (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN SOUTH DAKOTA

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|----------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| TREND: | | | | | | | | | | | | | |
| 10 | 0 | 7272 | 0 | 0 | 0 | 279 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 83 | 244 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 191 | 318 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 225 | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 77 | 168 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 337 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 10 | 0 | 13 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | | | | | | | | | | | | | |
| 10 | 0 | 6423 | 0 | 0 | 11 | 283 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 82 | 248 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 209 | 311 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 224 | 34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 77 | 162 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 337 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 10 | 0 | 12 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | | | | | | | | | | | | | |
| 10 | 0 | 0 | 0 | 0 | 88 | 279 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 11 | 0 | 0 | 0 | 0 | 92 | 245 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 560 | 78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 252 | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 87 | 168 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 13 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | | | | | | | | | | | | | |
| 10 | 0 | 0 | 0 | 0 | 89 | 283 | 0 | 0 | 0 | 0 | 0 | 1 | 24 |
| 11 | 0 | 0 | 0 | 0 | 93 | 248 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 395 | 198 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 251 | 34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 87 | 162 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 12 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 0 | 0 |

TABLE 13.5 (CONTINUED)

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|-------------------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | |
| 10 | 0 | 7243 | 0 | 0 | 0 | 279 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 32 | 245 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 273 | 260 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 225 | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 77 | 168 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 337 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 4 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 104 | 132 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | |
| 10 | 0 | 7272 | 0 | 0 | 28 | 259 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 428 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 650 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 225 | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 77 | 0 | 0 | 0 | 0 | 478 | 40 | 0 | 0 |
| 15 | 337 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 4 | 69 |
| 16 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 104 | 132 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 |
| SOIL LOSS: | | | | | | | | | | | | | |
| 10 | 0 | 0 | 0 | 0 | 485 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | 0 | 0 | 0 | 428 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 650 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 273 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 225 | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 337 | 0 | 0 | 0 | 320 | 3 | 0 | 0 | 0 | 0 | 0 | 4 | 0 |
| 16 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 104 | 132 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 0 | 0 | 0 | 0 | 0 |

TABLE 13.6 QUANTITIES OF CROP COMMODITIES PRODUCED (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN SOUTH DAKOTA

| TREND: | | UNIT | PRODUCED | INTER | CONSUMED | NET EXPORT |
|----------------|----------|-------|----------|--------|----------|------------|
| | CORN | BU | 108243 | 138165 | 16217 | -46139 |
| | SORGHUM | BU | 11058 | 1808 | 394 | 8851 |
| | BARLEY | BU | 68047 | 107079 | 5698 | -44730 |
| | OATS | BU | 84817 | 139261 | 2667 | -57111 |
| | WHEAT | BU | 37036 | 12384 | 17968 | 6684 |
| | SOYBEANS | BU | 35,017 | 17,556 | 13,589 | 3,871 |
| | COTTON | BALES | 0 | 0 | 168 | -168 |
| PRIME LANDS: | CORN | BU | 101783 | 138165 | 16217 | -52599 |
| | SORGHUM | BU | 11053 | 1808 | 394 | 8851 |
| | BARLEY | BU | 78070 | 107079 | 5698 | -34706 |
| | OATS | BU | 88609 | 139261 | 2667 | -53319 |
| | WHEAT | BU | 36976 | 12384 | 17968 | 6625 |
| | SOYBEANS | BU | 34,773 | 17,556 | 13,589 | 3,627 |
| | COTTON | BALES | 0 | 0 | 168 | -168 |
| FRAGILE: | CORN | BU | 100601 | 138165 | 16217 | -53781 |
| | SORGHUM | BU | 10927 | 1808 | 394 | 8725 |
| | BARLEY | BU | 80665 | 107079 | 5698 | -32112 |
| | OATS | BU | 90402 | 139261 | 2667 | -51526 |
| | WHEAT | BU | 34813 | 12384 | 17968 | 4462 |
| | SOYBEANS | BU | 36,037 | 17,556 | 13,589 | 4,892 |
| | COTTON | BALES | 0 | 0 | 168 | -168 |
| PRIME-FRAGILE: | CORN | BU | 104293 | 138165 | 16217 | -50069 |
| | SORGHUM | BU | 10990 | 1808 | 394 | 8788 |
| | BARLEY | BU | 76288 | 107079 | 5698 | -36489 |
| | OATS | BU | 89715 | 139261 | 2667 | -52213 |
| | WHEAT | BU | 32264 | 12384 | 17968 | 1912 |
| | SOYBEANS | BU | 37,715 | 17,556 | 13,589 | 6,572 |
| | COTTON | BALES | 0 | 0 | 168 | -168 |
| ENV. CORR. | CORN | BU | 107666 | 138165 | 16217 | -46716 |
| | SORGHUM | BU | 11379 | 1808 | 394 | 9177 |
| | BARLEY | BU | 83235 | 107079 | 5698 | -29542 |
| | OATS | BU | 86165 | 139261 | 2667 | -55763 |
| | WHEAT | BU | 37474 | 12384 | 17968 | 7122 |
| | SOYBEANS | BU | 35,598 | 17,556 | 13,589 | 4,453 |
| | COTTON | BALES | 0 | 0 | 168 | -168 |
| HIGH EXPORT: | CORN | BU | 147915 | 138165 | 16217 | -6467 |
| | SORGHUM | BU | 12064 | 1808 | 394 | 9862 |
| | BARLEY | BU | 99026 | 107079 | 5698 | -13751 |
| | OATS | BU | 40006 | 139261 | 2667 | -101922 |
| | WHEAT | BU | 86391 | 12384 | 17968 | 56039 |
| | SOYBEANS | BU | 45,902 | 17,556 | 13,589 | 14,756 |
| | COTTON | BALES | 0 | 0 | 168 | -168 |
| SOIL LOSS: | CORN | BU | 99666 | 138165 | 16217 | -54716 |
| | SORGHUM | BU | 8683 | 1808 | 394 | 6482 |
| | BARLEY | BU | 120754 | 107079 | 5698 | 7977 |
| | OATS | BU | 50744 | 139261 | 2667 | -91184 |
| | WHEAT | BU | 43936 | 12384 | 17968 | 13584 |
| | SOYBEANS | BU | 40,734 | 17,556 | 13,589 | 9,588 |
| | COTTON | BALES | 0 | 0 | 168 | -168 |

TABLE 13.7 RESOURCE USE IN CROP PRODUCTION (THOUSANDS OF DOLLARS) UNDER ALTERNATIVE FUTURES IN SOUTH DAKOTA

| | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|------------|-------|-------|-------|-------|----------|--------|-------|
| TREND: | | | | | | | |
| BARLEY | 7609 | 4 | 4394 | 11750 | 4168 | 35742 | 145 |
| CORN G | 18103 | 224 | 6606 | 12223 | 7414 | 52908 | 1872 |
| CORN S | 11311 | 0 | 7666 | 1856 | 3509 | 35936 | 2525 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 84615 | 454 | 18945 | 36 | 41706 | 114191 | 12400 |
| HAY N | 37172 | 904 | 8000 | 59 | 7024 | 50085 | 5219 |
| S FALLOW | 1325 | 0 | 94 | 0 | 0 | 450 | 0 |
| OATS | 25854 | 0 | 5905 | 1329 | 8392 | 47901 | 92 |
| SORG G | 2590 | 0 | 1023 | 284 | 815 | 9801 | 34 |
| SORG S | 6495 | 44 | 3657 | 1650 | 1075 | 18716 | 817 |
| SOYBEANS | 8582 | 0 | 3457 | 7795 | 5580 | 37098 | 135 |
| SUGAR BEET | 82 | 10 | 119 | 45 | 0 | 156 | 50 |
| WHEAT | 9683 | 0 | 2372 | 4303 | 2686 | 21262 | 54 |

PRIME LANDS:

| | | | | | | | |
|------------|-------|-----|-------|-------|-------|--------|-------|
| BARLEY | 9545 | 4 | 5129 | 17127 | 4874 | 41726 | 169 |
| CORN G | 16470 | 198 | 6147 | 11399 | 6842 | 49032 | 1756 |
| CORN S | 9118 | 0 | 6528 | 1616 | 3141 | 30585 | 2156 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 86611 | 495 | 19094 | 47 | 41976 | 114160 | 12493 |
| HAY N | 40695 | 897 | 7856 | 78 | 6815 | 48970 | 5146 |
| S FALLOW | 1429 | 0 | 94 | 0 | 0 | 453 | 0 |
| OATS | 27303 | 0 | 5992 | 1232 | 8482 | 48439 | 100 |
| SORG G | 2743 | 0 | 1023 | 284 | 815 | 9801 | 34 |
| SORG S | 7651 | 42 | 4893 | 2467 | 1445 | 24934 | 1094 |
| SOYBEANS | 8143 | 8 | 3447 | 10608 | 5560 | 36963 | 136 |
| SUGAR BEET | 95 | 10 | 119 | 45 | 0 | 156 | 50 |
| WHEAT | 10591 | 0 | 2370 | 4293 | 2682 | 21239 | 54 |

FRAGILE:

| | | | | | | | |
|------------|--------|------|-------|-------|-------|--------|-------|
| BARLEY | 14414 | 0 | 5351 | 20672 | 5087 | 43558 | 176 |
| CORN G | 17934 | 0 | 6313 | 11560 | 7176 | 51075 | 1834 |
| CORN S | 11153 | 0 | 6040 | 1630 | 2991 | 28292 | 1995 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 100584 | 1026 | 18971 | 113 | 40993 | 113904 | 12265 |
| HAY N | 42055 | 642 | 7789 | 140 | 6674 | 48593 | 5076 |
| S FALLOW | 2386 | 0 | 93 | 0 | 0 | 452 | 0 |
| OATS | 33110 | 0 | 6051 | 1460 | 8314 | 48726 | 111 |
| SORG G | 3753 | 0 | 881 | 220 | 656 | 8508 | 27 |
| SORG S | 10398 | 44 | 5426 | 2734 | 1605 | 27611 | 1213 |
| SOYBEANS | 11398 | 8 | 3548 | 12556 | 5724 | 38064 | 139 |
| SUGAR BEET | 191 | 10 | 114 | 39 | 0 | 148 | 50 |
| WHEAT | 14510 | 4 | 2271 | 4026 | 2576 | 20376 | 53 |

PRIME FRAGILE:

| | | | | | | | |
|------------|-------|-----|-------|-------|-------|--------|-------|
| BARLEY | 7562 | 0 | 4931 | 20954 | 4673 | 40133 | 162 |
| CORN G | 14476 | 0 | 6791 | 11940 | 7850 | 55124 | 1963 |
| CORN S | 9915 | 0 | 6960 | 1574 | 3255 | 32617 | 2300 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 86318 | 876 | 19033 | 111 | 41169 | 114088 | 12305 |
| HAY N | 40360 | 731 | 7736 | 75 | 6654 | 48326 | 5056 |
| S FALLOW | 1615 | 0 | 80 | 0 | 0 | 390 | 0 |
| OATS | 27406 | 0 | 6119 | 1591 | 8391 | 49233 | 114 |
| SORG G | 3127 | 0 | 934 | 250 | 737 | 8993 | 31 |
| SORG S | 7092 | 42 | 4430 | 2312 | 1307 | 22606 | 990 |
| SOYBEANS | 8407 | 8 | 3687 | 12843 | 5956 | 39533 | 144 |
| SUGAR BEET | 179 | 10 | 114 | 39 | 0 | 148 | 50 |
| WHEAT | 11046 | 4 | 2086 | 3373 | 2394 | 18778 | 46 |

TABLE 13.7 (CONTINUED)

| | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|-------------------------|--------|-------|-------|-------|----------|--------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| BARLEY | 13770 | 4 | 5223 | 29759 | 4989 | 42489 | 173 |
| CORN G | 22031 | 223 | 6611 | 17946 | 7445 | 52923 | 1875 |
| CORN S | 9173 | 0 | 5309 | 1922 | 2554 | 24857 | 1752 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 100947 | 529 | 19023 | 72 | 41842 | 113814 | 12453 |
| HAY N | 42538 | 861 | 7889 | 149 | 6846 | 49171 | 5161 |
| S FALLOW | 1765 | 0 | 92 | 0 | 0 | 442 | 0 |
| DATS | 31779 | 0 | 5938 | 1898 | 8428 | 48056 | 97 |
| SDRG G | 3056 | 0 | 958 | 370 | 715 | 9211 | 30 |
| SORG S | 11408 | 44 | 6328 | 4567 | 1875 | 32147 | 1415 |
| SOYBEANS | 10487 | 8 | 3424 | 18076 | 5539 | 36726 | 135 |
| SUGAR BEET | 98 | 10 | 119 | 68 | 0 | 156 | 50 |
| WHEAT | 12246 | 0 | 2378 | 6473 | 2693 | 21316 | 54 |
| HIGH EXPORT: | | | | | | | |
| BARLEY | 73036 | 4 | 6265 | 2518 | 5725 | 51522 | 165 |
| CORN G | 67803 | 224 | 8658 | 19242 | 8534 | 69289 | 1686 |
| CORN S | 39117 | 0 | 10237 | 68132 | 4086 | 47982 | 3332 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 138451 | 1170 | 13452 | 39 | 30123 | 79906 | 9111 |
| HAY N | 43632 | 281 | 6048 | 9 | 5340 | 37123 | 3971 |
| S FALLOW | 18613 | 0 | 263 | 0 | 0 | 1294 | 0 |
| DATS | 31135 | 0 | 2854 | 206 | 5411 | 23198 | 28 |
| SDRG G | 6379 | 0 | 1408 | 4013 | 1071 | 13369 | 46 |
| SORG S | 11749 | 221 | 1815 | 8502 | 476 | 9042 | 396 |
| SOYBEANS | 41804 | 42 | 4727 | 29944 | 7656 | 50972 | 181 |
| SUGAR BEET | 144 | 10 | 119 | 72 | 0 | 156 | 50 |
| WHEAT | 77044 | 13 | 7535 | 77552 | 8957 | 65717 | 257 |
| SOIL LOSS: | | | | | | | |
| BARLEY | 29816 | 4 | 7716 | 9493 | 7355 | 62903 | 247 |
| CORN G | 17165 | 0 | 5400 | 6852 | 5875 | 43375 | 1569 |
| CORN S | 11211 | 0 | 5652 | 687 | 2264 | 26470 | 1867 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 103715 | 2193 | 15734 | 254 | 34713 | 93797 | 10530 |
| HAY N | 24998 | 30 | 7094 | 31 | 6113 | 43362 | 4664 |
| S FALLOW | 3666 | 0 | 161 | 0 | 0 | 788 | 0 |
| DATS | 21772 | 0 | 3758 | 440 | 6354 | 30878 | 28 |
| SDRG G | 2783 | 0 | 702 | 172 | 520 | 6853 | 20 |
| SORG S | 12038 | 44 | 6144 | 2608 | 1820 | 31221 | 1374 |
| SOYBEANS | 14518 | 8 | 3786 | 5756 | 6170 | 40680 | 148 |
| SUGAR BEET | 101 | 10 | 119 | 32 | 0 | 156 | 50 |
| WHEAT | 13640 | 0 | 2794 | 4079 | 3074 | 24906 | 70 |

TABLE 13.8. QUANTITY OF WATER (THOUSANDS OF ACRE FEET) USED FOR IRRIGATION UNDER SEVEN ALTERNATIVE FUTURES IN SOUTH DAKOTA

| ALTERNATIVE FUTURE | QUANTITY OF WATER |
|------------------------|-------------------|
| TREND | 569 |
| PRIME | 571 |
| FRAGILE | 597 |
| PRIME-FRAGILE | 576 |
| ENVIRONMENTAL CORRIDOR | 579 |
| HIGH EXPORT | 675 |
| SOIL LOSS | 783 |

CHAPTER 14. WISCONSIN

Note: There are no tables 3, 5, and 8 in this chapter because irrigation activity is not defined in the model for this geographical area.

TABLE 14.1 LAND USE (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN WISCONSIN

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXO G USED | TOT USED |
|-----------------------|-----------|---------|---------|----------|----------|------------|----------|
| TREND: | | | | | | | |
| LC 1-0 | 394 | 31 | 0 | 380 | 0 | 14 | 394 |
| LC 2-0 | 3186 | 0 | 0 | 3079 | 0 | 108 | 3186 |
| LC 3-0 | 2501 | 0 | 0 | 2404 | 0 | 97 | 2501 |
| LC 4-0 | 1851 | 0 | 0 | 1808 | 0 | 43 | 1851 |
| LC 5-0 | 590 | 0 | 0 | 524 | 0 | 66 | 590 |
| LC 6-0 | 1081 | 0 | 0 | 1065 | 0 | 16 | 1081 |
| LC 7-0 | 684 | 0 | 0 | 39 | 0 | 78 | 117 |
| LC 8-0 | 31 | 0 | 0 | 0 | 0 | 1 | 1 |
| LC 9-0 | 624 | 0 | 0 | 0 | 0 | 14 | 14 |
| LC 1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 7512 | -289 | 0 | 7512 | 0 | 0 | 7512 |
| PAST 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 8523 | 31 | 0 | 8195 | 0 | 328 | 8523 |
| LC 6 TO 9 | 2419 | 0 | 0 | 1104 | 0 | 108 | 1212 |
| TOT CRPLND | 10942 | 31 | 0 | 9298 | 0 | 437 | 9735 |
| PRIME LANDS: | | | | | | | |
| LC 1-0 | 425 | 27 | 0 | 410 | 0 | 14 | 425 |
| LC 2-0 | 3319 | 0 | 0 | 3211 | 0 | 108 | 3319 |
| LC 3-0 | 2636 | 0 | 0 | 2539 | 0 | 97 | 2636 |
| LC 4-0 | 1764 | 0 | 0 | 1721 | 0 | 43 | 1764 |
| LC 5-0 | 555 | 0 | 0 | 489 | 0 | 66 | 555 |
| LC 6-0 | 1037 | 0 | 0 | 1008 | 0 | 16 | 1024 |
| LC 7-0 | 668 | 0 | 0 | 37 | 0 | 78 | 115 |
| LC 8-0 | 30 | 0 | 0 | 0 | 0 | 1 | 1 |
| LC 9-0 | 596 | 0 | 0 | 0 | 0 | 14 | 14 |
| LC 1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 7501 | -270 | 0 | 7501 | 0 | 0 | 7501 |
| PAST 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 8699 | 27 | 0 | 8370 | 0 | 328 | 8699 |
| LC 6 TO 9 | 2331 | 0 | 0 | 1045 | 0 | 108 | 1153 |
| TOT CRPLND | 11030 | 27 | 0 | 9415 | 0 | 437 | 9852 |
| FRAGILE: | | | | | | | |
| LC 1-0 | 393 | 30 | 0 | 379 | 0 | 14 | 393 |
| LC 2-0 | 3185 | 0 | 0 | 3077 | 0 | 108 | 3185 |
| LC 3-0 | 2500 | 0 | 0 | 2403 | 0 | 97 | 2500 |
| LC 4-0 | 1850 | 0 | 0 | 1807 | 0 | 43 | 1850 |
| LC 5-0 | 590 | 0 | 0 | 503 | 0 | 66 | 569 |
| LC 6-0 | 1066 | 0 | 0 | 1050 | 0 | 16 | 1066 |
| LC 7-0 | 683 | 0 | 0 | 39 | 0 | 78 | 117 |
| LC 8-0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| LC 9-0 | 14 | 0 | 0 | 0 | 0 | 14 | 14 |
| LC 1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 8154 | -288 | 0 | 8154 | 0 | 0 | 8154 |
| PAST 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 8519 | 30 | 0 | 8170 | 0 | 328 | 8498 |
| LC 6 TO 9 | 1764 | 0 | 0 | 1089 | 0 | 108 | 1197 |
| TOT CRPLND | 10283 | 30 | 0 | 9259 | 0 | 437 | 9695 |
| PRIME-FRAGILE: | | | | | | | |
| LC 1-0 | 425 | 27 | 0 | 410 | 0 | 14 | 425 |
| LC 2-0 | 3319 | 0 | 0 | 3211 | 0 | 108 | 3319 |
| LC 3-0 | 2636 | 0 | 0 | 2539 | 0 | 97 | 2636 |
| LC 4-0 | 1766 | 0 | 0 | 1723 | 0 | 43 | 1766 |
| LC 5-0 | 559 | 0 | 0 | 483 | 0 | 66 | 549 |
| LC 6-0 | 1021 | 0 | 0 | 984 | 0 | 16 | 1000 |
| LC 7-0 | 667 | 0 | 0 | 37 | 0 | 78 | 115 |
| LC 8-0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| LC 9-0 | 14 | 0 | 0 | 0 | 0 | 14 | 14 |
| LC 1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 8137 | -270 | 0 | 8137 | 0 | 0 | 8137 |
| PAST 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 8705 | 27 | 0 | 8366 | 0 | 328 | 8695 |
| LC 6 TO 9 | 1703 | 0 | 0 | 1020 | 0 | 108 | 1129 |
| TOT CRPLND | 10407 | 27 | 0 | 9387 | 0 | 437 | 9823 |

TABLE 14.1 (CONTINUED)

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXOG USED | TOT USED |
|--------------------------------|-----------|---------|---------|----------|----------|-----------|----------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| LC 1-0 | 388 | 27 | 0 | 374 | 0 | 14 | 388 |
| LC 2-0 | 3177 | 0 | 0 | 3069 | 0 | 108 | 3177 |
| LC 3-0 | 2491 | 0 | 0 | 2395 | 0 | 97 | 2491 |
| LC 4-0 | 1847 | 0 | 0 | 1803 | 0 | 43 | 1847 |
| LC 5-0 | 589 | 0 | 0 | 523 | 0 | 66 | 589 |
| LC 6-0 | 1078 | 0 | 0 | 1053 | 0 | 25 | 1078 |
| LC 7-0 | 682 | 0 | 0 | 39 | 0 | 73 | 117 |
| LC 8-0 | 31 | 0 | 0 | 0 | 0 | 1 | 1 |
| LC 9-0 | 622 | 0 | 0 | 0 | 0 | 14 | 14 |
| LC 1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 7529 | -27 | 0 | 7529 | 0 | 0 | 7529 |
| PAST 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 8491 | 27 | 0 | 8163 | 0 | 328 | 8491 |
| LC 6 TO 9 | 2414 | 0 | 0 | 1101 | 0 | 108 | 1210 |
| TOT (KPLND) | 10905 | 27 | 0 | 9264 | 0 | 437 | 9701 |

HIGH EXPORT:

| | | | | | | | |
|-------------|-------|-----|---|-------|---|-----|-------|
| LC 1-0 | 681 | 318 | 0 | 667 | 0 | 14 | 681 |
| LC 2-0 | 3186 | 0 | 0 | 3079 | 0 | 108 | 3186 |
| LC 3-0 | 2501 | 0 | 0 | 2404 | 0 | 97 | 2501 |
| LC 4-0 | 1851 | 0 | 0 | 1803 | 0 | 43 | 1851 |
| LC 5-0 | 590 | 0 | 0 | 524 | 0 | 66 | 590 |
| LC 6-0 | 1081 | 0 | 0 | 1065 | 0 | 16 | 1081 |
| LC 7-0 | 684 | 0 | 0 | 541 | 0 | 78 | 619 |
| LC 8-0 | 31 | 0 | 0 | 27 | 0 | 1 | 28 |
| LC 9-0 | 624 | 0 | 0 | 610 | 0 | 14 | 624 |
| LC 1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 6910 | -89 | 0 | 6910 | 0 | 0 | 6910 |
| PAST 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 8810 | 318 | 0 | 8482 | 0 | 328 | 8810 |
| LC 6 TO 9 | 2419 | 0 | 0 | 2243 | 0 | 108 | 2352 |
| TOT (KPLND) | 11229 | 318 | 0 | 10725 | 0 | 437 | 11162 |

SOIL LOSS:

| | | | | | | | |
|-------------|-------|------|---|------|---|-----|------|
| LC 1-0 | 397 | 34 | 0 | 382 | 0 | 14 | 397 |
| LC 2-0 | 3186 | 0 | 0 | 3079 | 0 | 108 | 3186 |
| LC 3-0 | 2501 | 0 | 0 | 2404 | 0 | 97 | 2501 |
| LC 4-0 | 1851 | 0 | 0 | 1803 | 0 | 43 | 1851 |
| LC 5-0 | 590 | 0 | 0 | 524 | 0 | 66 | 590 |
| LC 6-0 | 1081 | 0 | 0 | 1065 | 0 | 16 | 1081 |
| LC 7-0 | 684 | 0 | 0 | 39 | 0 | 78 | 117 |
| LC 8-0 | 31 | 0 | 0 | 0 | 0 | 1 | 1 |
| LC 9-0 | 624 | 0 | 0 | 0 | 0 | 14 | 14 |
| LC 1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 7496 | -305 | 0 | 7496 | 0 | 0 | 7496 |
| PAST 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 8526 | 34 | 0 | 8197 | 0 | 328 | 8526 |
| LC 6 TO 9 | 2419 | 0 | 0 | 1107 | 0 | 108 | 1216 |
| TOT (KPLND) | 10945 | 44 | 0 | 9305 | 0 | 437 | 9742 |

TABLE 14.2 DRYLAND CROP ACREAGES (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES

| TREND: | LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEAN | SGRBEET | WHEAT |
|----------------|------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|---------|---------|-------|
| | 1 | 0 | 93 | 108 | 0 | 14 | 0 | 0 | 12 | 0 | 0 | 0 | 37 | 0 | 34 |
| | 2 | 4 | 1301 | 0 | 0 | 973 | 19 | 0 | 261 | 0 | 0 | 0 | 110 | 0 | 89 |
| | 3 | 0 | 1264 | 42 | 0 | 675 | 382 | 0 | 269 | 0 | 0 | 0 | 28 | 0 | 22 |
| | 4 | 0 | 484 | 1 | 0 | 750 | 0 | 0 | 239 | 0 | 0 | 0 | 41 | 0 | 22 |
| | 5 | 0 | 40 | 4 | 0 | 53 | 519 | 0 | 3 | 0 | 0 | 0 | 4 | 0 | 1 |
| | 6 | 0 | 169 | 50 | 0 | 31 | 602 | 0 | 24 | 0 | 0 | 0 | 45 | 0 | 8 |
| | 7 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 4 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7223 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | | | | | | | | |
| PRIME LANDS: | 1 | 1 | 95 | 112 | 0 | 5 | 0 | 0 | 4 | 0 | 0 | 0 | 45 | 0 | 46 |
| | 2 | 4 | 1296 | 0 | 0 | 1005 | 35 | 0 | 284 | 0 | 0 | 0 | 120 | 0 | 129 |
| | 3 | 0 | 1283 | 1 | 0 | 593 | 580 | 0 | 210 | 0 | 0 | 0 | 48 | 0 | 74 |
| | 4 | 0 | 455 | 2 | 0 | 689 | 63 | 0 | 229 | 0 | 0 | 0 | 37 | 0 | 3 |
| | 5 | 0 | 19 | 2 | 0 | 53 | 512 | 0 | 2 | 0 | 0 | 0 | 3 | 0 | 1 |
| | 6 | 0 | 124 | 84 | 0 | 71 | 596 | 0 | 56 | 0 | 0 | 0 | 24 | 0 | 1 |
| | 7 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 4 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7231 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | | | | | | | | |
| FRAGILE: | 1 | 1 | 90 | 106 | 0 | 14 | 0 | 0 | 12 | 0 | 0 | 0 | 38 | 0 | 34 |
| | 2 | 4 | 1295 | 0 | 0 | 986 | 19 | 0 | 266 | 0 | 0 | 0 | 110 | 0 | 89 |
| | 3 | 0 | 1216 | 41 | 0 | 372 | 789 | 0 | 205 | 0 | 0 | 0 | 29 | 0 | 22 |
| | 4 | 0 | 483 | 1 | 0 | 749 | 0 | 0 | 239 | 0 | 0 | 0 | 41 | 0 | 22 |
| | 5 | 0 | 41 | 4 | 0 | 54 | 465 | 0 | 4 | 0 | 5 | 0 | 7 | 0 | 6 |
| | 6 | 0 | 167 | 50 | 0 | 28 | 594 | 0 | 22 | 0 | 0 | 0 | 44 | 0 | 8 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7866 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | | | | | | | | |
| PRIME-FRAGILE: | 1 | 1 | 96 | 109 | 0 | 5 | 0 | 0 | 4 | 0 | 0 | 0 | 46 | 0 | 49 |
| | 2 | 4 | 1314 | 0 | 0 | 1016 | 19 | 0 | 287 | 0 | 0 | 0 | 119 | 0 | 129 |
| | 3 | 0 | 1249 | 27 | 0 | 494 | 735 | 0 | 209 | 0 | 0 | 0 | 43 | 0 | 64 |
| | 4 | 0 | 457 | 1 | 0 | 687 | 63 | 0 | 228 | 0 | 0 | 0 | 37 | 0 | 7 |
| | 5 | 0 | 14 | 6 | 0 | 53 | 471 | 0 | 2 | 0 | 5 | 0 | 6 | 0 | 9 |
| | 6 | 0 | 147 | 58 | 0 | 16 | 566 | 0 | 10 | 0 | 0 | 0 | 40 | 0 | 2 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7867 | 0 | 0 | 0 | 0 | 0 |

TABLE 14.2 (CONTINUED)

| LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEANS | SGRBEET | WHEAT |
|-------------------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|----------|---------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | | |
| 1 | 0 | 91 | 108 | 0 | 14 | 0 | 0 | 12 | 0 | 0 | 0 | 37 | 0 | 33 |
| 2 | 4 | 1297 | 0 | 0 | 973 | 21 | 0 | 261 | 0 | 0 | 0 | 110 | 0 | 87 |
| 3 | 0 | 1246 | 39 | 0 | 578 | 496 | 0 | 249 | 0 | 0 | 0 | 28 | 0 | 22 |
| 4 | 0 | 482 | 1 | 0 | 749 | 0 | 0 | 239 | 0 | 0 | 0 | 41 | 0 | 22 |
| 5 | 0 | 39 | 4 | 0 | 53 | 517 | 0 | 3 | 0 | 0 | 0 | 4 | 0 | 1 |
| 6 | 0 | 168 | 52 | 0 | 32 | 601 | 0 | 24 | 0 | 0 | 0 | 44 | 0 | 6 |
| 7 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 4 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7260 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | | |
| 1 | 1 | 333 | 107 | 0 | 85 | 0 | 0 | 73 | 0 | 0 | 0 | 10 | 0 | 0 |
| 2 | 3 | 1342 | 0 | 0 | 830 | 19 | 0 | 344 | 0 | 0 | 0 | 110 | 0 | 89 |
| 3 | 0 | 1306 | 70 | 0 | 264 | 722 | 0 | 218 | 0 | 0 | 0 | 40 | 0 | 22 |
| 4 | 0 | 636 | 0 | 0 | 381 | 0 | 0 | 268 | 0 | 0 | 0 | 121 | 0 | 22 |
| 5 | 0 | 56 | 0 | 0 | 72 | 478 | 0 | 3 | 0 | 0 | 0 | 5 | 0 | 0 |
| 6 | 0 | 290 | 13 | 0 | 51 | 361 | 0 | 150 | 0 | 0 | 0 | 44 | 0 | 8 |
| 7 | 0 | 17 | 9 | 0 | 398 | 0 | 0 | 102 | 0 | 1 | 0 | 5 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 82 | 6 | 0 | 366 | 41 | 0 | 131 | 6019 | 0 | 0 | 2 | 0 | 21 |
| SOIL LOSS: | | | | | | | | | | | | | | |
| 1 | 1 | 93 | 108 | 0 | 4 | 0 | 0 | 4 | 0 | 0 | 0 | 40 | 0 | 34 |
| 2 | 4 | 1313 | 0 | 0 | 965 | 21 | 0 | 257 | 0 | 0 | 0 | 110 | 0 | 89 |
| 3 | 0 | 1148 | 63 | 0 | 539 | 518 | 0 | 139 | 0 | 0 | 0 | 62 | 0 | 66 |
| 4 | 0 | 477 | 10 | 0 | 867 | 0 | 0 | 333 | 0 | 0 | 0 | 24 | 0 | 22 |
| 5 | 0 | 47 | 0 | 0 | 53 | 510 | 0 | 3 | 0 | 0 | 0 | 4 | 0 | 1 |
| 6 | 0 | 243 | 2 | 0 | 224 | 361 | 0 | 185 | 0 | 0 | 0 | 5 | 0 | 44 |
| 7 | 0 | 6 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 9 | 0 | 3 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7191 | 0 | 0 | 0 | 0 | 0 |

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TABLE 14.4 DRYLAND CROP PRODUCTION (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN WISCONSIN

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEAN BU | SGRBEET TONS | WHEAT BU |
|----------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|---------------|-----------------|-------------|
| TREND: | | | | | | | | | | | | | |
| 1 | 0 | 13189 | 1819 | 0 | 61 | 0 | 1217 | 0 | 0 | 0 | 1777 | 6 | 1851 |
| 2 | 337 | 180167 | 0 | 0 | 4502 | 74 | 28756 | 0 | 0 | 0 | 5175 | 3 | 4742 |
| 3 | 0 | 169648 | 672 | 0 | 2893 | 1636 | 25833 | 0 | 0 | 0 | 1130 | 0 | 1161 |
| 4 | 0 | 63731 | 10 | 0 | 3334 | 0 | 25223 | 0 | 0 | 0 | 1766 | 0 | 982 |
| 5 | 0 | 4368 | 50 | 0 | 193 | 1710 | 211 | 0 | 0 | 0 | 128 | 0 | 18 |
| 6 | 0 | 19126 | 627 | 0 | 104 | 1999 | 2220 | 0 | 0 | 0 | 1599 | 0 | 330 |
| 7 | 0 | 665 | 0 | 0 | 0 | 0 | 0 | 0 | 649 | 0 | 114 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2497 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | | | | | | | | | | | | | |
| 1 | 40 | 13472 | 1876 | 0 | 21 | 0 | 421 | 0 | 0 | 0 | 2148 | 6 | 2528 |
| 2 | 267 | 179635 | 0 | 0 | 4645 | 132 | 31275 | 0 | 0 | 0 | 5619 | 3 | 6878 |
| 3 | 0 | 173251 | 11 | 0 | 2552 | 2444 | 20235 | 0 | 0 | 0 | 2172 | 0 | 3997 |
| 4 | 0 | 60463 | 25 | 0 | 3067 | 212 | 24070 | 0 | 0 | 0 | 1600 | 0 | 109 |
| 5 | 0 | 1809 | 30 | 0 | 191 | 1609 | 205 | 0 | 0 | 0 | 116 | 0 | 18 |
| 6 | 0 | 13305 | 1128 | 0 | 253 | 1978 | 4311 | 0 | 0 | 0 | 825 | 0 | 42 |
| 7 | 0 | 580 | 0 | 0 | 0 | 0 | 0 | 0 | 663 | 0 | 109 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2482 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | | | | | | | | | | | | | |
| 1 | 40 | 12700 | 1819 | 0 | 61 | 0 | 1215 | 0 | 0 | 0 | 1828 | 6 | 1847 |
| 2 | 267 | 179358 | 0 | 0 | 4574 | 72 | 29178 | 0 | 0 | 0 | 5145 | 3 | 4732 |
| 3 | 0 | 163395 | 648 | 0 | 1642 | 3309 | 19284 | 0 | 0 | 0 | 1164 | 0 | 1161 |
| 4 | 0 | 63691 | 13 | 0 | 3332 | 0 | 25205 | 0 | 0 | 0 | 1766 | 0 | 980 |
| 5 | 0 | 4445 | 52 | 0 | 195 | 1540 | 281 | 0 | 377 | 0 | 247 | 0 | 226 |
| 6 | 0 | 18888 | 635 | 0 | 97 | 1973 | 2058 | 0 | 0 | 0 | 1591 | 0 | 325 |
| 7 | 0 | 0 | 0 | 0 | 0 | 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2879 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | | | | | | | | | | | | | |
| 1 | 40 | 13631 | 1821 | 0 | 21 | 0 | 421 | 0 | 0 | 0 | 2193 | 6 | 2676 |
| 2 | 267 | 181961 | 0 | 0 | 4699 | 73 | 31451 | 0 | 0 | 0 | 5588 | 3 | 6878 |
| 3 | 0 | 168194 | 431 | 0 | 2154 | 3087 | 19845 | 0 | 0 | 0 | 1947 | 0 | 3460 |
| 4 | 0 | 60559 | 11 | 0 | 3058 | 212 | 23999 | 0 | 0 | 0 | 1610 | 0 | 296 |
| 5 | 0 | 1398 | 72 | 0 | 191 | 1479 | 205 | 0 | 377 | 0 | 191 | 0 | 341 |
| 6 | 0 | 16510 | 760 | 0 | 56 | 1946 | 956 | 0 | 0 | 0 | 1447 | 0 | 96 |
| 7 | 0 | 0 | 0 | 0 | 0 | 57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2861 | 0 | 0 | 0 | 0 | 0 |

TABLE 14.4 (CONTINUED)

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|-------------------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | |
| 1 | 0 | 12880 | 1817 | 0 | 61 | 0 | 1212 | 0 | 0 | 0 | 1756 | 6 | 1800 |
| 2 | 337 | 179669 | 0 | 0 | 4501 | 80 | 28749 | 0 | 0 | 0 | 5140 | 3 | 4602 |
| 3 | 0 | 167212 | 617 | 0 | 2495 | 2098 | 23759 | 0 | 0 | 0 | 1150 | 0 | 1161 |
| 4 | 0 | 63586 | 10 | 0 | 3328 | 0 | 25177 | 0 | 0 | 0 | 1761 | 0 | 955 |
| 5 | 0 | 4242 | 56 | 0 | 193 | 1706 | 211 | 0 | 0 | 0 | 128 | 0 | 18 |
| 6 | 0 | 19002 | 663 | 0 | 111 | 1996 | 2159 | 0 | 0 | 0 | 1587 | 0 | 270 |
| 7 | 0 | 662 | 0 | 0 | 0 | 0 | 0 | 0 | 649 | 0 | 114 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2505 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | |
| 1 | 92 | 46303 | 1791 | 0 | 383 | 0 | 7611 | 0 | 0 | 0 | 416 | 1 | 0 |
| 2 | 216 | 186125 | 0 | 0 | 3861 | 72 | 38954 | 0 | 0 | 0 | 5182 | 0 | 4742 |
| 3 | 0 | 174879 | 1109 | 0 | 1172 | 3047 | 20424 | 0 | 0 | 0 | 1610 | 0 | 128 |
| 4 | 0 | 84007 | 0 | 0 | 1657 | 0 | 27601 | 0 | 0 | 0 | 5104 | 0 | 1031 |
| 5 | 0 | 6195 | 0 | 0 | 273 | 1583 | 271 | 0 | 0 | 0 | 186 | 0 | 0 |
| 6 | 0 | 31585 | 160 | 0 | 181 | 1362 | 12600 | 0 | 0 | 0 | 1576 | 0 | 335 |
| 7 | 0 | 1581 | 76 | 0 | 923 | 0 | 5511 | 0 | 0 | 0 | 153 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 3888 | 39 | 0 | 720 | 93 | 6936 | 2331 | 0 | 0 | 40 | 0 | 445 |
| SOIL LOSS: | | | | | | | | | | | | | |
| 1 | 40 | 13155 | 1804 | 0 | 18 | 0 | 354 | 0 | 0 | 0 | 1892 | 6 | 1951 |
| 2 | 270 | 181794 | 0 | 0 | 4467 | 79 | 28271 | 0 | 0 | 0 | 5180 | 0 | 4742 |
| 3 | 0 | 153420 | 1006 | 0 | 2245 | 2200 | 13967 | 0 | 0 | 0 | 2853 | 0 | 3633 |
| 4 | 0 | 63639 | 116 | 0 | 3914 | 1 | 33883 | 0 | 0 | 0 | 1018 | 0 | 956 |
| 5 | 0 | 5237 | 0 | 0 | 195 | 1683 | 218 | 0 | 0 | 0 | 152 | 0 | 19 |
| 6 | 0 | 26405 | 305 | 0 | 849 | 1362 | 15590 | 0 | 0 | 0 | 151 | 0 | 2035 |
| 7 | 0 | 558 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 106 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2489 | 0 | 0 | 0 | 0 | 0 |

TABLE 14.6 QUANTITIES OF CROP COMMODITIES PRODUCED (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN WISCONSIN

| TREND: | | UNIT | PRODUCED | INTER | CONSUMED | NET EXPORT |
|----------------|----------|-------|----------|--------|----------|------------|
| | CORN | BU | 450893 | 218779 | 2969 | 229146 |
| | SORGHUM | BU | 649 | 5839 | 55 | -5245 |
| | BARLEY | BU | 337 | 1283 | 733 | -1679 |
| | OATS | BU | 83461 | 17742 | 478 | 65240 |
| | WHEAT | BU | 9084 | 1275 | 3942 | 3867 |
| | SOYBEANS | BU | 11,691 | 30,267 | 1,445 | -20,021 |
| | COTTON | BALES | 0 | 0 | 39 | -39 |
| PRIME LANDS: | CORN | BU | 442515 | 218779 | 2969 | 220768 |
| | SORGHUM | BU | 663 | 5839 | 55 | -5231 |
| | BARLEY | BU | 307 | 1283 | 733 | -1709 |
| | OATS | BU | 80516 | 17742 | 478 | 62296 |
| | WHEAT | BU | 13573 | 1275 | 3942 | 8356 |
| | SOYBEANS | BU | 12,590 | 30,267 | 1,445 | -19,122 |
| | COTTON | BALES | 0 | 0 | 39 | -39 |
| FRAGILE: | CORN | BU | 442478 | 218779 | 2969 | 220730 |
| | SORGHUM | BU | 377 | 5839 | 55 | -5518 |
| | BARLEY | BU | 307 | 1283 | 733 | -1709 |
| | OATS | BU | 77222 | 17742 | 478 | 59001 |
| | WHEAT | BU | 9271 | 1275 | 3942 | 4054 |
| | SOYBEANS | BU | 11,742 | 30,267 | 1,445 | -19,970 |
| | COTTON | BALES | 0 | 0 | 39 | -39 |
| PRIME-FRAGILE: | CORN | BU | 442254 | 218779 | 2969 | 220506 |
| | SORGHUM | BU | 377 | 5839 | 55 | -5518 |
| | BARLEY | BU | 307 | 1283 | 733 | -1709 |
| | OATS | BU | 76877 | 17742 | 478 | 58656 |
| | WHEAT | BU | 13747 | 1275 | 3942 | 8531 |
| | SOYBEANS | BU | 12,976 | 30,267 | 1,445 | -18,736 |
| | COTTON | BALES | 0 | 0 | 39 | -39 |
| ENV. CORR. | CORN | BU | 447253 | 218779 | 2969 | 225505 |
| | SORGHUM | BU | 649 | 5839 | 55 | -5245 |
| | BARLEY | BU | 337 | 1283 | 733 | -1679 |
| | OATS | BU | 81267 | 17742 | 478 | 63046 |
| | WHEAT | BU | 8807 | 1275 | 3942 | 3590 |
| | SOYBEANS | BU | 11,636 | 30,267 | 1,445 | -20,074 |
| | COTTON | BALES | 0 | 0 | 39 | -39 |
| HIGH EXPORT: | CORN | BU | 534561 | 218779 | 2969 | 312814 |
| | SORGHUM | BU | 43 | 5839 | 55 | -5851 |
| | BARLEY | BU | 308 | 1283 | 733 | -1707 |
| | OATS | BU | 119908 | 17742 | 478 | 101687 |
| | WHEAT | BU | 6683 | 1275 | 3942 | 1466 |
| | SOYBEANS | BU | 14,266 | 30,267 | 1,445 | -17,444 |
| | COTTON | BALES | 0 | 0 | 39 | -39 |
| SOIL LOSS: | CORN | BU | 444209 | 218779 | 2969 | 222462 |
| | SORGHUM | BU | 649 | 5839 | 55 | -5245 |
| | BARLEY | BU | 310 | 1283 | 733 | -1706 |
| | OATS | BU | 92284 | 17742 | 478 | 74063 |
| | WHEAT | BU | 13235 | 1275 | 3942 | 8019 |
| | SOYBEANS | BU | 11,353 | 30,267 | 1,445 | -20,359 |
| | COTTON | BALES | 0 | 0 | 39 | -39 |

TABLE 14.7 RESOURCE USE IN CROP PRODUCTION (THOUSANDS OF DOLLARS) UNDER ALTERNATIVE FUTURES IN WISCONSIN

| | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|------------|-------|-------|-------|-------|----------|--------|-------|
| TREND: | | | | | | | |
| BARLEY | 183 | 0 | 25 | 30 | 30 | 145 | 5 |
| CORN G | 83607 | 0 | 21895 | 42667 | 23844 | 151773 | 14910 |
| CORN S | 10791 | 0 | 4793 | 923 | 2748 | 22021 | 1361 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 73840 | 0 | 15862 | 23975 | 24760 | 111499 | 12543 |
| HAY N | 33394 | 0 | 13361 | 35 | 17718 | 95146 | 8481 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 21806 | 0 | 4943 | 5970 | 6887 | 27669 | 861 |
| SORG G | 4 | 0 | 2 | 3 | 3 | 12 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 4510 | 0 | 578 | 1065 | 1200 | 4925 | 110 |
| SUGAR BEET | 268 | 0 | 258 | 56 | 143 | 129 | 63 |
| WHEAT | 2215 | 0 | 321 | 432 | 738 | 1894 | 65 |

PRIME LANDS:

| | | | | | | | |
|------------|-------|---|-------|-------|-------|--------|-------|
| BARLEY | 160 | 0 | 26 | 18 | 30 | 150 | 5 |
| CORN G | 67709 | 0 | 21490 | 41867 | 23391 | 149020 | 14657 |
| CORN S | 9077 | 0 | 4790 | 923 | 2636 | 22010 | 1361 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 58086 | 0 | 15289 | 23122 | 24000 | 107717 | 12075 |
| HAY N | 27169 | 0 | 14338 | 38 | 19278 | 101791 | 9336 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 16444 | 0 | 4679 | 5670 | 6571 | 26184 | 815 |
| SORG G | 3 | 0 | 2 | 3 | 3 | 12 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 4586 | 0 | 641 | 1090 | 1362 | 5477 | 122 |
| SUGAR BEET | 246 | 0 | 258 | 56 | 143 | 129 | 63 |
| WHEAT | 3154 | 0 | 466 | 638 | 1077 | 2752 | 94 |

FRAGILE:

| | | | | | | | |
|------------|-------|---|-------|-------|-------|--------|-------|
| BARLEY | 201 | 0 | 26 | 18 | 30 | 150 | 5 |
| CORN G | 96093 | 0 | 21504 | 41805 | 23321 | 149116 | 14647 |
| CORN S | 11839 | 0 | 4792 | 923 | 2748 | 22017 | 1361 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 72645 | 0 | 14857 | 22087 | 23108 | 104034 | 11806 |
| HAY N | 39360 | 0 | 15420 | 40 | 20440 | 109857 | 9806 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 22922 | 0 | 4725 | 5604 | 6448 | 26445 | 818 |
| SORG G | 7 | 0 | 2 | 3 | 2 | 12 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 4763 | 0 | 590 | 1068 | 1222 | 5026 | 112 |
| SUGAR BEET | 278 | 0 | 258 | 56 | 143 | 129 | 63 |
| WHEAT | 2398 | 0 | 333 | 449 | 765 | 1961 | 68 |

PRIME FRAGILE:

| | | | | | | | |
|------------|-------|---|-------|-------|-------|--------|-------|
| BARLEY | 161 | 0 | 26 | 18 | 30 | 150 | 5 |
| CORN G | 66339 | 0 | 21402 | 41652 | 23351 | 148460 | 14597 |
| CORN S | 8986 | 0 | 4789 | 923 | 2636 | 22006 | 1361 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 56985 | 0 | 14764 | 22158 | 23113 | 104016 | 11615 |
| HAY N | 29313 | 0 | 15060 | 133 | 20232 | 106895 | 9812 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 16528 | 0 | 4613 | 5542 | 6402 | 25809 | 800 |
| SORG G | 6 | 0 | 2 | 3 | 2 | 11 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 4420 | 0 | 642 | 1094 | 1367 | 5492 | 122 |
| SUGAR BEET | 241 | 0 | 258 | 56 | 143 | 129 | 63 |
| WHEAT | 2965 | 0 | 497 | 691 | 1143 | 2929 | 101 |

TABLE 14.7 (CONTINUED)

| | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|-------------------------|--------|-------|-------|-------|----------|--------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| BARLEY | 184 | 0 | 25 | 30 | 30 | 145 | 5 |
| CORN G | 44698 | 0 | 21738 | 42336 | 23620 | 150699 | 14806 |
| CORN S | 11496 | 0 | 4793 | 923 | 2747 | 22021 | 1361 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 73706 | 0 | 15434 | 23144 | 24072 | 108452 | 12192 |
| HAY N | 34959 | 0 | 13857 | 40 | 18379 | 98560 | 8848 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 23043 | 0 | 4862 | 5812 | 6703 | 27212 | 844 |
| SORG G | 4 | 0 | 2 | 3 | 3 | 12 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 4496 | 0 | 575 | 1059 | 1191 | 4901 | 109 |
| SUGAR BEET | 270 | 0 | 258 | 56 | 143 | 129 | 63 |
| WHEAT | 2174 | 0 | 312 | 422 | 717 | 1841 | 63 |
| HIGH EXPORT: | | | | | | | |
| BARLEY | 459 | 0 | 25 | 30 | 30 | 144 | 5 |
| CORN G | 286589 | 0 | 26752 | 52193 | 29150 | 184321 | 18100 |
| CORN S | 25964 | 0 | 5020 | 863 | 2771 | 23013 | 1421 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 149791 | 0 | 15572 | 23115 | 24732 | 109075 | 12582 |
| HAY N | 119666 | 0 | 13993 | 3683 | 18647 | 99837 | 8888 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 80174 | 0 | 7528 | 9485 | 10355 | 42232 | 1325 |
| SORG G | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 16317 | 0 | 1025 | 2062 | 1600 | 8834 | 191 |
| SUGAR BEET | 37 | 0 | 16 | 3 | 9 | 8 | 4 |
| WHEAT | 3434 | 0 | 227 | 278 | 526 | 1342 | 45 |
| SOIL LOSS: | | | | | | | |
| BARLEY | 196 | 0 | 26 | 18 | 30 | 150 | 5 |
| CORN G | 95063 | 0 | 21945 | 42661 | 23302 | 151944 | 14853 |
| CORN S | 11966 | 0 | 4786 | 923 | 2627 | 21993 | 1361 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 79950 | 0 | 16116 | 24577 | 25021 | 113063 | 12722 |
| HAY N | 36908 | 0 | 12579 | 3454 | 16732 | 89625 | 8000 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 24344 | 0 | 5340 | 6599 | 7092 | 29895 | 922 |
| SORG G | 3 | 0 | 2 | 3 | 3 | 13 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 5218 | 0 | 623 | 1049 | 1318 | 5331 | 118 |
| SUGAR BEET | 287 | 0 | 258 | 56 | 143 | 129 | 63 |
| WHEAT | 2825 | 0 | 446 | 566 | 1018 | 2630 | 88 |

CHAPTER 15. THE AREA OUTSIDE THE NORTH CENTRAL REGION

Note: Dryland crop acreage in table 2 of this chapter includes the acreage on land that could have been irrigated.

TABLE 15.1 LAND USE (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES OUTSIDE THE NO. CENT. REGION

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXOG USED | TOT USED |
|-----------------------|-----------|---------|---------|----------|----------|-----------|----------|
| TREND: | | | | | | | |
| LC 1-D | 120286 | 3978 | -1755 | 100183 | 0 | 9631 | 109814 |
| LC 2-D | 3691 | 0 | -0 | 3538 | 0 | 154 | 3691 |
| LC 3-D | 4821 | 0 | -0 | 4544 | 0 | 277 | 4821 |
| LC 4-D | 3515 | 0 | -1 | 2427 | 0 | 119 | 2546 |
| LC 5-D | 5357 | 0 | -1 | 4763 | 0 | 377 | 5140 |
| LC 6-D | 2916 | 0 | -1 | 1598 | 0 | 82 | 1680 |
| LC 7-D | 370 | 0 | -0 | 226 | 0 | 25 | 251 |
| LC 8-D | 28 | 0 | 0 | 9 | 0 | 0 | 10 |
| LC 9-D | 1684 | 0 | 0 | 730 | 0 | 44 | 774 |
| LC 1-I | 30808 | 0 | 2146 | 5219 | 18765 | 6097 | 30882 |
| LC 2-I | 552 | 0 | 1 | 223 | 303 | 26 | 552 |
| LC 3-I | 417 | 0 | 1 | 120 | 276 | 22 | 417 |
| LC 4-I | 209 | 0 | 1 | 2 | 197 | 10 | 209 |
| LC 5-I | 198 | 0 | 1 | 0 | 177 | 21 | 198 |
| LC 6-I | 84 | 0 | 0 | 3 | 24 | 6 | 33 |
| LC 7-I | 93 | 0 | 0 | 0 | 85 | 9 | 93 |
| LC 8-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-I | 52 | 0 | 0 | 0 | 49 | 1 | 50 |
| PAST D | 771304 | -4106 | 0 | 771304 | 0 | 0 | 771304 |
| PAST I | 8920 | 0 | 0 | 4516 | 4404 | 0 | 8920 |
| LC 1 TO 5 | 169854 | 3978 | 391 | 121020 | 19719 | 16732 | 157470 |
| LC 6 TO 9 | 5227 | 0 | -1 | 2567 | 153 | 167 | 2892 |
| TOT CRPLND | 175081 | 3978 | 391 | 123587 | 19877 | 16898 | 160362 |
| PRIME LANDS: | | | | | | | |
| LC 1-D | 120180 | 3817 | -1755 | 99665 | 0 | 9631 | 109295 |
| LC 2-D | 3817 | 0 | -0 | 3663 | 0 | 154 | 3817 |
| LC 3-D | 4943 | 0 | -1 | 4666 | 0 | 277 | 4943 |
| LC 4-D | 3462 | 0 | -1 | 2383 | 0 | 119 | 2501 |
| LC 5-D | 5273 | 0 | -1 | 4658 | 0 | 377 | 5035 |
| LC 6-D | 2888 | 0 | -1 | 1582 | 0 | 82 | 1663 |
| LC 7-D | 361 | 0 | -0 | 170 | 0 | 25 | 195 |
| LC 8-D | 27 | 0 | 0 | 9 | 0 | 0 | 10 |
| LC 9-D | 1664 | 0 | 0 | 727 | 0 | 44 | 771 |
| LC 1-I | 30814 | 0 | 2146 | 5214 | 18710 | 6097 | 30021 |
| LC 2-I | 558 | 0 | 1 | 225 | 308 | 26 | 558 |
| LC 3-I | 425 | 0 | 1 | 123 | 281 | 22 | 425 |
| LC 4-I | 206 | 0 | 1 | 2 | 194 | 10 | 206 |
| LC 5-I | 198 | 0 | 1 | 0 | 177 | 21 | 198 |
| LC 6-I | 84 | 0 | 0 | 3 | 7 | 6 | 16 |
| LC 7-I | 93 | 0 | 0 | 0 | 84 | 9 | 93 |
| LC 8-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-I | 52 | 0 | 0 | 0 | 49 | 1 | 49 |
| PAST D | 771508 | -3908 | 0 | 771508 | 0 | 0 | 771508 |
| PAST I | 8920 | 0 | 0 | 4532 | 4389 | 0 | 8920 |
| LC 1 TO 5 | 169876 | 3817 | 391 | 120599 | 19669 | 16732 | 157000 |
| LC 6 TO 9 | 5169 | 0 | -1 | 2491 | 140 | 167 | 2798 |
| TOT CRPLND | 175045 | 3817 | 391 | 123091 | 19809 | 16898 | 159798 |
| FRAGILE: | | | | | | | |
| LC 1-D | 120326 | 4025 | -1755 | 102776 | 0 | 9631 | 112407 |
| LC 2-D | 3685 | 0 | -0 | 3531 | 0 | 154 | 3685 |
| LC 3-D | 4806 | 0 | -4 | 4529 | 0 | 277 | 4806 |
| LC 4-D | 3498 | 0 | -7 | 2427 | 0 | 119 | 2545 |
| LC 5-D | 5340 | 0 | -10 | 4779 | 0 | 377 | 5155 |
| LC 6-D | 2080 | 0 | -7 | 967 | 0 | 82 | 1049 |
| LC 7-D | 368 | 0 | -1 | 226 | 0 | 25 | 251 |
| LC 8-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-D | 44 | 0 | 0 | 0 | 0 | 44 | 44 |
| LC 1-I | 30815 | 0 | 2152 | 5280 | 18852 | 6097 | 30230 |
| LC 2-I | 561 | 0 | 8 | 226 | 310 | 26 | 561 |
| LC 3-I | 427 | 0 | 7 | 104 | 302 | 22 | 427 |
| LC 4-I | 212 | 0 | 5 | 3 | 199 | 10 | 212 |
| LC 5-I | 203 | 0 | 4 | 0 | 182 | 21 | 203 |
| LC 6-I | 57 | 0 | 1 | 1 | 50 | 6 | 57 |
| LC 7-I | 96 | 0 | 2 | 0 | 42 | 9 | 96 |
| LC 8-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-I | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| PAST D | 774020 | -4143 | 0 | 774020 | 0 | 0 | 774020 |
| PAST I | 9012 | 0 | 0 | 4569 | 4443 | 0 | 9012 |
| LC 1 TO 5 | 169875 | 4025 | 399 | 123656 | 19844 | 16732 | 160232 |
| LC 6 TO 9 | 2646 | 0 | -4 | 1194 | 92 | 167 | 1453 |
| TOT CRPLND | 172520 | 4025 | 395 | 124850 | 19936 | 16898 | 161685 |
| PRIME-FRAGILE: | | | | | | | |
| LC 1-D | 122344 | 3978 | -1755 | 102139 | 0 | 9631 | 111769 |
| LC 2-D | 3829 | 0 | -0 | 3675 | 0 | 154 | 3829 |
| LC 3-D | 4982 | 0 | -1 | 4706 | 0 | 277 | 4982 |
| LC 4-D | 3483 | 0 | -1 | 2389 | 0 | 119 | 2507 |
| LC 5-D | 5279 | 0 | -2 | 4663 | 0 | 377 | 5039 |
| LC 6-D | 2061 | 0 | -1 | 942 | 0 | 82 | 1024 |
| LC 7-D | 376 | 0 | -0 | 221 | 0 | 25 | 246 |
| LC 8-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-D | 44 | 0 | 0 | 0 | 0 | 44 | 44 |
| LC 1-I | 30817 | 0 | 2146 | 5216 | 18658 | 6097 | 29971 |
| LC 2-I | 566 | 0 | 2 | 227 | 313 | 26 | 566 |
| LC 3-I | 431 | 0 | 1 | 124 | 265 | 22 | 431 |
| LC 4-I | 209 | 0 | 2 | 4 | 195 | 10 | 209 |
| LC 5-I | 200 | 0 | 1 | 0 | 179 | 21 | 200 |
| LC 6-I | 57 | 0 | 0 | 1 | 50 | 6 | 57 |
| LC 7-I | 94 | 0 | 0 | 0 | 36 | 9 | 94 |
| LC 8-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-I | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| PAST D | 774057 | -4106 | 0 | 774057 | 0 | 0 | 774057 |
| PAST I | 9004 | 0 | 0 | 4647 | 4357 | 0 | 9004 |
| LC 1 TO 5 | 172140 | 3978 | 392 | 123142 | 19630 | 16732 | 159504 |
| LC 6 TO 9 | 2633 | 0 | -1 | 1164 | 86 | 167 | 1416 |
| TOT CRPLND | 174773 | 3978 | 392 | 124306 | 19716 | 16898 | 160920 |

TABLE 15.1 (CONTINUED)

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXOG USED | TOT USED |
|--------------------------------|-----------|---------|---------|----------|----------|-----------|----------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| LC 1-0 | 120279 | 3977 | -1755 | 100199 | 0 | 9631 | 109829 |
| LC 2-0 | 3679 | 0 | -0 | 3525 | 0 | 154 | 3679 |
| LC 3-0 | 4809 | 0 | -0 | 4533 | 0 | 277 | 4809 |
| LC 4-0 | 3505 | 0 | -1 | 2421 | 0 | 119 | 2539 |
| LC 5-0 | 5342 | 0 | -1 | 4751 | 0 | 377 | 5128 |
| LC 6-0 | 2911 | 0 | -1 | 1597 | 0 | 82 | 1678 |
| LC 7-0 | 367 | 0 | -0 | 225 | 0 | 25 | 250 |
| LC 8-0 | 28 | 0 | 0 | 9 | 0 | 0 | 10 |
| LC 9-0 | 1680 | 0 | 0 | 728 | 0 | 44 | 772 |
| LC 1-1 | 30805 | 0 | 2146 | 5226 | 18864 | 6097 | 30188 |
| LC 2-1 | 552 | 0 | 1 | 224 | 302 | 26 | 552 |
| LC 3-1 | 420 | 0 | 1 | 122 | 276 | 22 | 420 |
| LC 4-1 | 207 | 0 | 1 | 2 | 196 | 10 | 207 |
| LC 5-1 | 199 | 0 | 1 | 0 | 178 | 21 | 199 |
| LC 6-1 | 84 | 0 | 0 | 0 | 27 | 6 | 36 |
| LC 7-1 | 94 | 0 | 0 | 0 | 85 | 9 | 94 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 52 | 0 | 0 | 0 | 49 | 1 | 50 |
| PAST 0 | 771293 | -4103 | 0 | 771293 | 0 | 0 | 771293 |
| PAST 1 | 8911 | 0 | 0 | 4508 | 4403 | 0 | 8911 |
| LC 1 TO 5 | 169797 | 3977 | 391 | 121002 | 19817 | 16732 | 157550 |
| LC 6 TO 9 | 5216 | 0 | -1 | 2563 | 161 | 167 | 2891 |
| TOT CRPLND | 175012 | 3977 | 391 | 123565 | 19977 | 16898 | 160440 |
| HIGH EXPORT: | | | | | | | |
| LC 1-0 | 125104 | 8796 | -1755 | 115065 | 0 | 9631 | 124696 |
| LC 2-0 | 3691 | 0 | -0 | 3538 | 0 | 154 | 3691 |
| LC 3-0 | 4821 | 0 | -0 | 4544 | 0 | 277 | 4821 |
| LC 4-0 | 3515 | 0 | -1 | 3396 | 0 | 119 | 3515 |
| LC 5-0 | 5357 | 0 | -1 | 4980 | 0 | 377 | 5357 |
| LC 6-0 | 2916 | 0 | -1 | 2835 | 0 | 82 | 2916 |
| LC 7-0 | 370 | 0 | -0 | 345 | 0 | 25 | 370 |
| LC 8-0 | 28 | 0 | 0 | 11 | 0 | 0 | 12 |
| LC 9-0 | 1684 | 0 | 0 | 1483 | 0 | 44 | 1527 |
| LC 1-1 | 30808 | 0 | 2146 | 4651 | 19997 | 6097 | 30746 |
| LC 2-1 | 552 | 0 | 1 | 163 | 363 | 26 | 552 |
| LC 3-1 | 417 | 0 | 1 | 120 | 276 | 22 | 417 |
| LC 4-1 | 209 | 0 | 1 | 19 | 180 | 10 | 209 |
| LC 5-1 | 198 | 0 | 1 | 0 | 177 | 21 | 198 |
| LC 6-1 | 84 | 0 | 0 | 3 | 75 | 6 | 84 |
| LC 7-1 | 93 | 0 | 0 | 0 | 85 | 9 | 93 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 52 | 0 | 0 | 51 | 0 | 1 | 52 |
| PAST 0 | 766441 | -8968 | 0 | 766441 | 0 | 0 | 766441 |
| PAST 1 | 8920 | 0 | 0 | 4987 | 3933 | 0 | 8920 |
| LC 1 TO 5 | 174672 | 8796 | 391 | 136477 | 20994 | 16732 | 174203 |
| LC 6 TO 9 | 5227 | 0 | -1 | 4728 | 159 | 167 | 5054 |
| TOT CRPLND | 179899 | 8796 | 391 | 141204 | 21154 | 16898 | 174257 |
| SOIL LOSS: | | | | | | | |
| LC 1-0 | 120333 | 4025 | -1755 | 97439 | 0 | 9631 | 107070 |
| LC 2-0 | 3691 | 0 | -0 | 3538 | 0 | 154 | 3691 |
| LC 3-0 | 4821 | 0 | -0 | 4544 | 0 | 277 | 4821 |
| LC 4-0 | 3515 | 0 | -1 | 2427 | 0 | 119 | 2546 |
| LC 5-0 | 5357 | 0 | -1 | 3800 | 0 | 377 | 4177 |
| LC 6-0 | 2916 | 0 | -1 | 1598 | 0 | 82 | 1680 |
| LC 7-0 | 370 | 0 | -0 | 207 | 0 | 25 | 232 |
| LC 8-0 | 28 | 0 | 0 | 9 | 0 | 0 | 10 |
| LC 9-0 | 1684 | 0 | 0 | 730 | 0 | 44 | 774 |
| LC 1-1 | 30808 | 0 | 2146 | 4877 | 19214 | 6097 | 30189 |
| LC 2-1 | 552 | 0 | 1 | 223 | 303 | 26 | 552 |
| LC 3-1 | 417 | 0 | 1 | 120 | 275 | 22 | 417 |
| LC 4-1 | 209 | 0 | 1 | 2 | 197 | 10 | 209 |
| LC 5-1 | 198 | 0 | 1 | 0 | 177 | 21 | 198 |
| LC 6-1 | 84 | 0 | 0 | 3 | 75 | 6 | 84 |
| LC 7-1 | 93 | 0 | 0 | 0 | 45 | 9 | 93 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 52 | 0 | 0 | 0 | 49 | 1 | 50 |
| PAST 0 | 771266 | -4143 | 0 | 771266 | 0 | 0 | 771266 |
| PAST 1 | 8920 | 0 | 0 | 4648 | 4272 | 0 | 8920 |
| LC 1 TO 5 | 169901 | 4025 | 391 | 116971 | 20168 | 16732 | 153870 |
| LC 6 TO 9 | 5227 | 0 | -1 | 2548 | 170 | 167 | 2884 |
| TOT CRPLND | 175128 | 4025 | 391 | 119519 | 20338 | 16898 | 156754 |

TABLE 15.2 DRYLAND CROP ACREAGES (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES OUTSIDE THE NORTH CENTRAL REGION

| TREND: | LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEAN | SGRBEET | WHEAT |
|----------------|------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|---------|---------|-------|
| | 1 | 6714 | 6122 | 3263 | 6050 | 2845 | 5048 | 10068 | 1858 | 0 | 14164 | 76 | 29934 | 0 | 19135 |
| | 2 | 643 | 178 | 0 | 164 | 561 | 65 | 3 | 88 | 0 | 51 | 29 | 1071 | 0 | 521 |
| | 3 | 45 | 305 | 11 | 0 | 1176 | 174 | 131 | 120 | 0 | 0 | 0 | 2074 | 0 | 320 |
| | 4 | 0 | 159 | 0 | 2 | 570 | 648 | 10 | 70 | 0 | 25 | 306 | 177 | 0 | 473 |
| | 5 | 0 | 140 | 0 | 0 | 204 | 667 | 246 | 100 | 0 | 10 | 0 | 1409 | 0 | 1730 |
| | 6 | 0 | 14 | 6 | 0 | 8 | 720 | 106 | 229 | 0 | 22 | 0 | 82 | 0 | 167 |
| | 7 | 0 | 10 | 0 | 0 | 0 | 198 | 0 | 22 | 0 | 0 | 0 | 0 | 0 | 19 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 632 | 0 | 54 | 771614 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | | | | | | | | |
| PRIME LANDS: | 1 | 5962 | 6086 | 3323 | 6018 | 2820 | 5898 | 9572 | 1845 | 0 | 14739 | 76 | 29361 | 0 | 19001 |
| | 2 | 613 | 263 | 0 | 149 | 688 | 151 | 3 | 118 | 0 | 51 | 29 | 1047 | 0 | 473 |
| | 3 | 60 | 288 | 3 | 0 | 1183 | 39 | 132 | 121 | 0 | 0 | 0 | 2363 | 0 | 774 |
| | 4 | 0 | 164 | 0 | 2 | 541 | 665 | 10 | 79 | 0 | 25 | 306 | 170 | 0 | 452 |
| | 5 | 0 | 103 | 0 | 0 | 220 | 708 | 245 | 100 | 0 | 8 | 0 | 1379 | 0 | 1688 |
| | 6 | 0 | 14 | 5 | 0 | 7 | 676 | 105 | 203 | 0 | 22 | 0 | 125 | 0 | 183 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 159 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 11 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 636 | 0 | 47 | 772063 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | | | | | | | | |
| FRAGILE: | 1 | 7066 | 6131 | 3263 | 6050 | 3603 | 6754 | 9738 | 1767 | 0 | 14572 | 76 | 30043 | 0 | 13939 |
| | 2 | 138 | 305 | 0 | 164 | 560 | 14 | 3 | 89 | 0 | 51 | 30 | 1068 | 0 | 920 |
| | 3 | 0 | 234 | 11 | 0 | 1160 | 463 | 66 | 153 | 0 | 16 | 0 | 2253 | 0 | 691 |
| | 4 | 0 | 87 | 3 | 2 | 580 | 612 | 29 | 122 | 0 | 30 | 306 | 199 | 0 | 496 |
| | 5 | 0 | 198 | 0 | 0 | 43 | 854 | 259 | 108 | 0 | 10 | 0 | 1414 | 0 | 1731 |
| | 6 | 0 | 0 | 5 | 0 | 8 | 536 | 33 | 134 | 0 | 9 | 0 | 105 | 0 | 59 |
| | 7 | 0 | 10 | 0 | 0 | 0 | 198 | 0 | 22 | 0 | 0 | 0 | 0 | 0 | 19 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 774391 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | | | | | | | | |
| PRIME-FRAGILE: | 1 | 5995 | 6113 | 3352 | 6058 | 3509 | 6517 | 9681 | 1722 | 0 | 14459 | 76 | 29893 | 0 | 19887 |
| | 2 | 660 | 263 | 0 | 158 | 575 | 69 | 4 | 118 | 0 | 51 | 29 | 1099 | 0 | 456 |
| | 3 | 32 | 226 | 0 | 0 | 1201 | 476 | 67 | 162 | 0 | 16 | 0 | 2360 | 0 | 714 |
| | 4 | 0 | 170 | 0 | 2 | 456 | 782 | 27 | 161 | 0 | 26 | 306 | 171 | 0 | 322 |
| | 5 | 0 | 179 | 0 | 0 | 84 | 802 | 267 | 99 | 0 | 10 | 0 | 1381 | 0 | 1643 |
| | 6 | 0 | 2 | 2 | 0 | 2 | 426 | 33 | 109 | 0 | 9 | 0 | 117 | 0 | 106 |
| | 7 | 0 | 10 | 0 | 0 | 0 | 202 | 0 | 6 | 0 | 0 | 0 | 1 | 0 | 16 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 774522 | 0 | 0 | 0 | 0 | 0 |

TABLE 15.2 (CONTINUED)

| LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEANS | SGRBEET | WHEAT |
|--------------------------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|----------|---------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | | |
| 1 | 6229 | 6129 | 3262 | 6054 | 2814 | 6066 | 9599 | 1840 | 0 | 14275 | 76 | 29925 | 0 | 19037 |
| 2 | 638 | 179 | 0 | 162 | 563 | 65 | 3 | 88 | 0 | 51 | 29 | 1063 | 0 | 521 |
| 3 | 44 | 303 | 12 | 0 | 1178 | 148 | 130 | 120 | 0 | 0 | 0 | 2112 | 0 | 799 |
| 4 | 0 | 158 | 0 | 2 | 567 | 656 | 10 | 70 | 0 | 25 | 306 | 175 | 0 | 471 |
| 5 | 0 | 139 | 0 | 0 | 203 | 671 | 245 | 101 | 0 | 10 | 0 | 1406 | 0 | 1721 |
| 6 | 0 | 14 | 6 | 0 | 8 | 718 | 104 | 229 | 0 | 22 | 0 | 83 | 0 | 166 |
| 7 | 0 | 10 | 0 | 0 | 0 | 184 | 1 | 21 | 0 | 0 | 0 | 4 | 0 | 21 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 633 | 0 | 52 | 771630 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | | |
| 1 | 5125 | 6985 | 3504 | 5924 | 5499 | 7849 | 7249 | 3858 | 0 | 14692 | 76 | 34657 | 0 | 24326 |
| 2 | 0 | 266 | 0 | 146 | 596 | 130 | 3 | 8 | 0 | 0 | 0 | 1230 | 0 | 1040 |
| 3 | 0 | 255 | 0 | 0 | 1163 | 30 | 127 | 102 | 0 | 26 | 0 | 2320 | 0 | 854 |
| 4 | 12 | 156 | 0 | 359 | 518 | 641 | 144 | 71 | 0 | 25 | 391 | 201 | 0 | 946 |
| 5 | 0 | 144 | 27 | 0 | 158 | 347 | 246 | 100 | 0 | 10 | 0 | 1424 | 0 | 2199 |
| 6 | 17 | 44 | 4 | 0 | 17 | 909 | 253 | 266 | 0 | 10 | 0 | 181 | 0 | 765 |
| 7 | 0 | 26 | 0 | 0 | 0 | 187 | 15 | 38 | 0 | 7 | 0 | 11 | 0 | 70 |
| 8 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 40 | 0 | 0 | 129 | 865 | 71 | 197 | 762398 | 0 | 0 | 0 | 0 | 187 |
| SOIL LOSS: | | | | | | | | | | | | | | |
| 1 | 4221 | 5983 | 3431 | 5638 | 2974 | 5711 | 7202 | 2234 | 0 | 13665 | 76 | 30855 | 0 | 20272 |
| 2 | 731 | 255 | 41 | 307 | 273 | 0 | 3 | 88 | 0 | 51 | 103 | 1230 | 0 | 217 |
| 3 | 54 | 178 | 0 | 0 | 1172 | 146 | 140 | 110 | 0 | 5 | 0 | 2298 | 0 | 833 |
| 4 | 0 | 149 | 0 | 172 | 471 | 562 | 0 | 74 | 0 | 25 | 306 | 176 | 0 | 422 |
| 5 | 0 | 118 | 0 | 0 | 701 | 893 | 246 | 382 | 0 | 7 | 0 | 99 | 0 | 1161 |
| 6 | 0 | 86 | 2 | 0 | 8 | 757 | 113 | 203 | 0 | 18 | 0 | 114 | 0 | 120 |
| 7 | 0 | 10 | 0 | 0 | 0 | 176 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 28 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 856 | 0 | 0 | 771703 | 0 | 0 | 0 | 0 | 0 |

TABLE 15.3 IRRIGATED CROP ACREAGES (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES OUTSIDE THE NORTH CENTRAL REGION

| | LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEAN | SGRBEET | WHEAT |
|----------------|------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|---------|---------|-------|
| TREND: | 10 | 1046 | 2232 | 2288 | 1060 | 5180 | 811 | 0 | 9 | 0 | 1300 | 1822 | 847 | 658 | 1470 |
| | 11 | 0 | 0 | 0 | 0 | 81 | 0 | 0 | 40 | 0 | 0 | 159 | 0 | 24 | 0 |
| | 12 | 0 | 4 | 0 | 3 | 0 | 0 | 0 | 2 | 0 | 0 | 257 | 0 | 0 | 0 |
| | 13 | 0 | 0 | 177 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 |
| | 14 | 3 | 18 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 139 | 0 | 3 | 3 |
| | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 0 | 0 | 0 |
| | 16 | 0 | 0 | 0 | 0 | 43 | 0 | 0 | 22 | 0 | 0 | 0 | 0 | 21 | 0 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 18 | 0 | 0 | 0 | 0 | 0 | 57 | 0 | 0 | 4404 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | 10 | 1194 | 2170 | 2290 | 1099 | 5180 | 1016 | 0 | 9 | 0 | 1086 | 1827 | 847 | 632 | 1318 |
| | 11 | 0 | 0 | 0 | 0 | 79 | 0 | 0 | 39 | 0 | 0 | 166 | 0 | 23 | 0 |
| | 12 | 0 | 5 | 0 | 3 | 0 | 0 | 0 | 2 | 0 | 0 | 262 | 0 | 0 | 0 |
| | 13 | 0 | 0 | 175 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 |
| | 14 | 2 | 18 | 0 | 9 | 0 | 0 | 0 | 3 | 0 | 0 | 141 | 0 | 2 | 2 |
| | 15 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 2 | 0 |
| | 16 | 0 | 0 | 0 | 0 | 43 | 0 | 0 | 22 | 0 | 0 | 0 | 0 | 21 | 0 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 18 | 0 | 0 | 0 | 0 | 0 | 56 | 0 | 0 | 4389 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | 10 | 1000 | 2281 | 2288 | 1060 | 5168 | 945 | 0 | 9 | 0 | 1140 | 1829 | 847 | 688 | 1554 |
| | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 281 | 0 | 0 | 0 |
| | 12 | 63 | 4 | 0 | 3 | 10 | 118 | 0 | 2 | 0 | 2 | 37 | 0 | 60 | 0 |
| | 13 | 0 | 0 | 180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 |
| | 14 | 0 | 18 | 0 | 9 | 0 | 0 | 0 | 3 | 0 | 0 | 152 | 0 | 0 | 0 |
| | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0 | 0 |
| | 16 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 7 | 0 | 11 | 0 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4843 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | 10 | 1170 | 2215 | 2288 | 1060 | 5181 | 814 | 0 | 9 | 0 | 1195 | 1833 | 847 | 657 | 1345 |
| | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 284 | 0 | 0 | 0 |
| | 12 | 61 | 5 | 0 | 3 | 0 | 121 | 0 | 2 | 0 | 0 | 35 | 0 | 54 | 0 |
| | 13 | 0 | 0 | 177 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 |
| | 14 | 0 | 18 | 0 | 9 | 0 | 0 | 0 | 3 | 0 | 0 | 150 | 0 | 0 | 0 |
| | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0 | 0 |
| | 16 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 9 | 9 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4357 | 0 | 0 | 0 | 0 | 0 |

TABLE 15.3 (CONTINUED)

| LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEANS | SGRBEET | WHEAT |
|-------------------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|----------|---------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | | |
| 10 | 1053 | 2299 | 2288 | 1060 | 5180 | 846 | 0 | 9 | 0 | 1265 | 1822 | 847 | 694 | 1461 |
| 11 | 0 | 0 | 0 | 0 | 81 | 0 | 0 | 40 | 0 | 0 | 158 | 0 | 24 | 0 |
| 12 | 0 | 4 | 0 | 3 | 0 | 0 | 0 | 2 | 0 | 0 | 257 | 0 | 0 | 0 |
| 13 | 0 | 0 | 176 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 |
| 14 | 3 | 18 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 140 | 0 | 3 | 3 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 43 | 0 | 0 | 22 | 0 | 0 | 0 | 0 | 21 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 57 | 0 | 0 | 4403 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | | |
| 10 | 1176 | 2181 | 2092 | 1074 | 4689 | 105 | 0 | 9 | 0 | 1741 | 1839 | 847 | 669 | 3521 |
| 11 | 24 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 14 | 252 | 0 | 26 | 32 |
| 12 | 0 | 27 | 0 | 3 | 0 | 0 | 0 | 2 | 0 | 0 | 235 | 0 | 0 | 0 |
| 13 | 0 | 0 | 177 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 |
| 14 | 39 | 18 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 0 | 37 | 39 |
| 15 | 0 | 49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 0 |
| 16 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 0 | 21 | 22 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3933 | 0 | 0 | 0 | 0 | 0 |
| SOIL LOSS: | | | | | | | | | | | | | | |
| 10 | 1007 | 2035 | 2192 | 1104 | 5251 | 1094 | 0 | 9 | 0 | 1445 | 1822 | 847 | 746 | 1620 |
| 11 | 0 | 0 | 0 | 0 | 104 | 1 | 0 | 38 | 0 | 0 | 127 | 0 | 30 | 12 |
| 12 | 0 | 4 | 0 | 3 | 0 | 0 | 0 | 2 | 0 | 0 | 256 | 0 | 0 | 0 |
| 13 | 0 | 0 | 177 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 |
| 14 | 0 | 13 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 147 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 72 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 23 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 11 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 57 | 0 | 0 | 4272 | 0 | 0 | 0 | 0 | 0 |

TABLE 15.4 DRYLAND CROP PRODUCTION (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES OUTSIDE THE NORTH CENTRAL REGION

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEAN BU | SGRBEET TONS | WHEAT BU |
|----------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|---------------|-----------------|-------------|
| TREND: | | | | | | | | | | | | | |
| 1 | 347293 | 626498 | 50484 | 8381 | 10430 | 12213 | 102333 | 0 | 681370 | 965 | 1064849 | 0 | 642320 |
| 2 | 49366 | 21769 | 0 | 326 | 2491 | 175 | 7038 | 0 | 1939 | 303 | 44613 | 0 | 25848 |
| 3 | 3610 | 35295 | 190 | 0 | 6030 | 465 | 6748 | 0 | 0 | 0 | 83739 | 0 | 33919 |
| 4 | 0 | 16511 | 0 | 5 | 2259 | 1862 | 3309 | 0 | 2096 | 5668 | 7758 | 0 | 18767 |
| 5 | 0 | 14860 | 0 | 0 | 784 | 1483 | 3199 | 0 | 531 | 0 | 42875 | 0 | 70344 |
| 6 | 0 | 1146 | 82 | 0 | 23 | 1522 | 8495 | 0 | 1002 | 0 | 2126 | 0 | 5328 |
| 7 | 0 | 1013 | 0 | 0 | 0 | 380 | 1062 | 0 | 0 | 0 | 0 | 0 | 774 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 2310 | 998 | 104210 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | | | | | | | | | | | | | |
| 1 | 314676 | 623084 | 50154 | 8377 | 10418 | 13758 | 102001 | 0 | 708913 | 965 | 1042770 | 0 | 642455 |
| 2 | 46643 | 31953 | 0 | 296 | 2608 | 443 | 10277 | 0 | 1939 | 271 | 43701 | 0 | 22783 |
| 3 | 4840 | 33454 | 49 | 0 | 6065 | 124 | 6820 | 0 | 0 | 0 | 92877 | 0 | 31556 |
| 4 | 0 | 15967 | 0 | 4 | 2145 | 1895 | 3676 | 0 | 2096 | 5668 | 7444 | 0 | 17943 |
| 5 | 0 | 10855 | 0 | 0 | 843 | 1557 | 3186 | 0 | 402 | 0 | 41942 | 0 | 68151 |
| 6 | 0 | 1114 | 77 | 0 | 22 | 1413 | 6389 | 0 | 1002 | 0 | 3140 | 0 | 6007 |
| 7 | 0 | 0 | 0 | 0 | 0 | 298 | 48 | 0 | 75 | 0 | 0 | 0 | 290 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 2318 | 667 | 104236 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | | | | | | | | | | | | | |
| 1 | 385753 | 627747 | 50487 | 8381 | 13034 | 15469 | 98448 | 0 | 700840 | 965 | 1068909 | 0 | 635605 |
| 2 | 6894 | 36869 | 0 | 326 | 2487 | 37 | 7053 | 0 | 1934 | 316 | 45735 | 0 | 48320 |
| 3 | 0 | 29598 | 191 | 0 | 5947 | 1369 | 9055 | 0 | 830 | 0 | 88876 | 0 | 28879 |
| 4 | 0 | 9283 | 29 | 5 | 2334 | 1631 | 5601 | 0 | 2281 | 5668 | 8738 | 0 | 21523 |
| 5 | 0 | 16781 | 0 | 0 | 165 | 1958 | 3541 | 0 | 545 | 0 | 43039 | 0 | 72341 |
| 6 | 0 | 0 | 78 | 0 | 22 | 1102 | 5503 | 0 | 415 | 0 | 3249 | 0 | 1832 |
| 7 | 0 | 1012 | 0 | 0 | 0 | 379 | 1057 | 0 | 0 | 0 | 0 | 0 | 774 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 104837 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | | | | | | | | | | | | | |
| 1 | 315915 | 625515 | 50735 | 8406 | 12807 | 15050 | 96326 | 0 | 695135 | 965 | 1064237 | 0 | 666808 |
| 2 | 50857 | 31929 | 0 | 315 | 2554 | 185 | 10289 | 0 | 1939 | 303 | 45876 | 0 | 21624 |
| 3 | 2591 | 29044 | 0 | 0 | 6157 | 1423 | 9654 | 0 | 835 | 0 | 92837 | 0 | 28983 |
| 4 | 0 | 17724 | 0 | 4 | 1829 | 2088 | 7284 | 0 | 2119 | 5668 | 7472 | 0 | 13600 |
| 5 | 0 | 15095 | 0 | 0 | 321 | 1825 | 3154 | 0 | 531 | 0 | 41978 | 0 | 67328 |
| 6 | 0 | 246 | 24 | 0 | 7 | 896 | 3461 | 0 | 412 | 0 | 2896 | 0 | 3869 |
| 7 | 0 | 933 | 0 | 0 | 0 | 382 | 191 | 0 | 0 | 0 | 36 | 0 | 695 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 104854 | 0 | 0 | 0 | 0 | 0 |

TABLE 15.4 (CONTINUED)

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|-------------------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | |
| 1 | 325969 | 626872 | 50468 | 8384 | 10357 | 14075 | 101469 | 0 | 686665 | 965 | 1064490 | 0 | 639666 |
| 2 | 49007 | 21802 | 0 | 323 | 2500 | 174 | 7037 | 0 | 1939 | 303 | 44312 | 0 | 25844 |
| 3 | 3555 | 35035 | 202 | 0 | 6041 | 400 | 6745 | 0 | 0 | 0 | 84677 | 0 | 33062 |
| 4 | 0 | 16447 | 0 | 5 | 2249 | 1884 | 3316 | 0 | 2096 | 5668 | 7666 | 0 | 18679 |
| 5 | 0 | 14757 | 0 | 0 | 780 | 1492 | 3205 | 0 | 531 | 0 | 42776 | 0 | 69925 |
| 6 | 0 | 1142 | 81 | 0 | 23 | 1518 | 8474 | 0 | 990 | 0 | 2145 | 0 | 5298 |
| 7 | 0 | 968 | 0 | 0 | 0 | 345 | 1006 | 0 | 0 | 0 | 127 | 0 | 847 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 2311 | 959 | 104203 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | |
| 1 | 298931 | 711025 | 53652 | 7975 | 16486 | 17639 | 205395 | 0 | 706648 | 965 | 1236702 | 0 | 791681 |
| 2 | 0 | 31248 | 0 | 291 | 2641 | 350 | 422 | 0 | 17 | 2 | 52164 | 0 | 55128 |
| 3 | 0 | 32355 | 0 | 0 | 5967 | 96 | 5722 | 0 | 1341 | 0 | 93004 | 0 | 36267 |
| 4 | 414 | 15963 | 0 | 682 | 2022 | 1863 | 3432 | 0 | 2305 | 6442 | 8351 | 0 | 30198 |
| 5 | 0 | 15753 | 362 | 0 | 606 | 796 | 3199 | 0 | 531 | 0 | 43170 | 0 | 91951 |
| 6 | 401 | 3925 | 53 | 0 | 58 | 1856 | 9572 | 0 | 283 | 3 | 5824 | 0 | 18770 |
| 7 | 0 | 2130 | 0 | 0 | 0 | 380 | 1837 | 0 | 194 | 0 | 275 | 0 | 1866 |
| 8 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 1524 | 0 | 0 | 307 | 2126 | 5388 | 103373 | 0 | 0 | 0 | 0 | 2889 |
| SOIL LOSS: | | | | | | | | | | | | | |
| 1 | 235058 | 508965 | 52705 | 7738 | 10462 | 13165 | 122137 | 0 | 657225 | 965 | 1100658 | 0 | 575410 |
| 2 | 33044 | 31987 | 688 | 610 | 1275 | 0 | 7021 | 0 | 2054 | 1079 | 51214 | 0 | 8048 |
| 3 | 4362 | 21133 | 0 | 0 | 6011 | 377 | 6169 | 0 | 257 | 0 | 92396 | 0 | 34217 |
| 4 | 0 | 15525 | 0 | 337 | 1895 | 1900 | 3474 | 0 | 2305 | 5663 | 7697 | 0 | 15849 |
| 5 | 0 | 12517 | 0 | 0 | 2350 | 1974 | 32133 | 0 | 398 | 0 | 4025 | 0 | 43893 |
| 6 | 0 | 6778 | 28 | 0 | 24 | 1586 | 6386 | 0 | 848 | 0 | 3520 | 0 | 3548 |
| 7 | 0 | 1013 | 0 | 0 | 0 | 364 | 0 | 0 | 76 | 0 | 0 | 0 | 966 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 2350 | 2 | 104192 | 0 | 0 | 0 | 0 | 0 |

TABLE 15.5 IRRIGATED CROP PRODUCTION (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES OUTSIDE THE NORTH CENTRAL REGION

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|----------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| TREND: | | | | | | | | | | | | | |
| 10 | 70198 | 271858 | 48929 | 1585 | 27784 | 2191 | 701 | 0 | 128923 | 33985 | 36856 | 15661 | 91623 |
| 11 | 0 | 0 | 0 | 0 | 422 | 0 | 4076 | 0 | 0 | 3381 | 0 | 660 | 0 |
| 12 | 0 | 720 | 0 | 4 | 0 | 0 | 148 | 0 | 0 | 5765 | 0 | 0 | 0 |
| 13 | 0 | 19 | 3248 | 0 | 0 | 0 | 0 | 0 | 0 | 182 | 0 | 0 | 0 |
| 14 | 239 | 2063 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 2362 | 0 | 66 | 156 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 323 | 0 | 1 | 0 |
| 16 | 0 | 0 | 0 | 0 | 116 | 0 | 1046 | 0 | 0 | 0 | 0 | 481 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 325 | 0 | 3187 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | | | | | | | | | | | | | |
| 10 | 78437 | 263595 | 48929 | 1613 | 27784 | 2836 | 707 | 0 | 107023 | 34079 | 36843 | 15041 | 80430 |
| 11 | 0 | 0 | 0 | 0 | 410 | 0 | 3962 | 0 | 0 | 3529 | 0 | 641 | 0 |
| 12 | 0 | 742 | 0 | 4 | 0 | 0 | 153 | 0 | 0 | 5861 | 0 | 0 | 0 |
| 13 | 0 | 19 | 3205 | 0 | 0 | 0 | 0 | 0 | 0 | 177 | 0 | 0 | 0 |
| 14 | 166 | 2052 | 0 | 10 | 0 | 0 | 139 | 0 | 0 | 2411 | 0 | 46 | 108 |
| 15 | 0 | 0 | 0 | 0 | 12 | 0 | 106 | 0 | 0 | 0 | 0 | 32 | 0 |
| 16 | 0 | 0 | 0 | 0 | 116 | 0 | 1042 | 0 | 0 | 0 | 0 | 479 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 320 | 0 | 3162 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | | | | | | | | | | | | | |
| 10 | 68737 | 278516 | 48929 | 1585 | 27784 | 2619 | 715 | 0 | 112560 | 34125 | 36843 | 16399 | 96398 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 0 | 0 | 5956 | 0 | 0 | 0 |
| 12 | 6902 | 720 | 0 | 4 | 87 | 524 | 148 | 0 | 278 | 837 | 0 | 1736 | 0 |
| 13 | 0 | 19 | 3298 | 0 | 0 | 0 | 0 | 0 | 0 | 172 | 0 | 0 | 0 |
| 14 | 0 | 2062 | 0 | 10 | 0 | 0 | 144 | 0 | 0 | 2589 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 676 | 0 | 0 | 0 |
| 16 | 341 | 0 | 0 | 0 | 21 | 0 | 186 | 0 | 0 | 83 | 0 | 226 | 222 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3199 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | | | | | | | | | | | | | |
| 10 | 76934 | 269187 | 48929 | 1565 | 27784 | 2201 | 707 | 0 | 117900 | 34210 | 36843 | 15649 | 81950 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 0 | 0 | 6020 | 0 | 0 | 0 |
| 12 | 6798 | 742 | 0 | 4 | 0 | 537 | 153 | 0 | 0 | 774 | 0 | 1551 | 0 |
| 13 | 0 | 19 | 3249 | 0 | 0 | 0 | 0 | 0 | 0 | 164 | 0 | 0 | 0 |
| 14 | 0 | 2042 | 0 | 10 | 0 | 0 | 139 | 0 | 0 | 2550 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 666 | 0 | 0 | 0 |
| 16 | 461 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 112 | 0 | 188 | 300 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3144 | 0 | 0 | 0 | 0 | 0 |

TABLE 15.5 (CONTINUED)

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|-------------------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | |
| 10 | 70209 | 280990 | 48929 | 1585 | 27784 | 2302 | 700 | 0 | 125321 | 33955 | 36843 | 16524 | 91029 |
| 11 | 0 | 0 | 0 | 0 | 422 | 0 | 4074 | 0 | 0 | 3359 | 0 | 059 | 0 |
| 12 | 0 | 720 | 0 | 4 | 0 | 0 | 147 | 0 | 0 | 5762 | 0 | 0 | 0 |
| 13 | 0 | 19 | 3222 | 0 | 0 | 0 | 0 | 0 | 0 | 185 | 0 | 0 | 0 |
| 14 | 238 | 2061 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 2379 | 0 | 66 | 155 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 363 | 0 | 1 | 0 |
| 16 | 0 | 0 | 0 | 0 | 116 | 0 | 1048 | 0 | 0 | 0 | 0 | 482 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 321 | 0 | 3182 | 0 | 0 | 0 | 0 | 2 |
| HIGH EXPORT: | | | | | | | | | | | | | |
| 10 | 84138 | 266506 | 44581 | 1618 | 25901 | 320 | 701 | 0 | 174545 | 34349 | 36856 | 15809 | 208596 |
| 11 | 2217 | 0 | 0 | 0 | 85 | 0 | 0 | 0 | 1488 | 5343 | 0 | 692 | 2291 |
| 12 | 0 | 4359 | 0 | 4 | 0 | 0 | 148 | 0 | 0 | 5268 | 0 | 0 | 0 |
| 13 | 0 | 19 | 3248 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 0 | 0 | 0 |
| 14 | 2995 | 2063 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 628 | 0 | 824 | 1948 |
| 15 | 0 | 5053 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 312 | 0 | 1 | 5 |
| 16 | 1080 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 264 | 0 | 440 | 703 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2827 | 0 | 0 | 0 | 0 | 0 |
| SOIL LOSS: | | | | | | | | | | | | | |
| 10 | 72534 | 248479 | 46667 | 1618 | 26563 | 2998 | 701 | 0 | 144440 | 33955 | 36856 | 17772 | 97242 |
| 11 | 0 | 0 | 0 | 0 | 540 | 0 | 3923 | 0 | 0 | 2696 | 0 | 842 | 952 |
| 12 | 47 | 720 | 0 | 4 | 0 | 4 | 137 | 0 | 0 | 5729 | 0 | 11 | 0 |
| 13 | 0 | 19 | 3248 | 0 | 0 | 0 | 0 | 0 | 0 | 182 | 0 | 0 | 0 |
| 14 | 0 | 2063 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 2513 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1002 | 0 | 1 | 0 |
| 16 | 0 | 0 | 0 | 0 | 62 | 0 | 553 | 0 | 0 | 0 | 0 | 257 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 325 | 0 | 3108 | 0 | 0 | 0 | 0 | 0 |

TABLE 15.6 QUANTITIES OF CROP COMMODITIES PRODUCED (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES OUTSIDE THE NORTH CENTRAL REGION

| | UNIT | PRODUCED | INTER | CONSUMED | NET EXPORT | |
|----------------|----------|----------|-----------|-----------|------------|----------|
| TREND: | CORN | BU | 991752 | 1731502 | 466432 | -1206181 |
| | SORGHUM | BU | 815860 | 526196 | 11307 | 278357 |
| | BARLEY | BU | 470706 | 265901 | 161875 | 42930 |
| | OATS | BU | 139152 | 201358 | 76858 | -139064 |
| | WHEAT | BU | 889078 | 52953 | 518049 | 318076 |
| | SOYBEANS | BU | 1,348,430 | 1,006,097 | 385,170 | -42,834 |
| | COTTON | BALES | 10,310 | 0 | 4,827 | 5,484 |
| PRIME LANDS: | CORN | BU | 982845 | 1731502 | 466432 | -1215088 |
| | SORGHUM | BU | 821449 | 526196 | 11307 | 283946 |
| | BARLEY | BU | 444762 | 265901 | 161875 | 16986 |
| | OATS | BU | 139375 | 201358 | 76858 | -138842 |
| | WHEAT | BU | 869722 | 52953 | 518049 | 298720 |
| | SOYBEANS | BU | 1,334,291 | 1,006,097 | 385,170 | -56,973 |
| | COTTON | BALES | 10,304 | 0 | 4,827 | 5,478 |
| FRAGILE: | CORN | BU | 1002607 | 1731502 | 466432 | -1195326 |
| | SORGHUM | BU | 819683 | 526196 | 11307 | 282180 |
| | BARLEY | BU | 468626 | 265901 | 161875 | 40850 |
| | OATS | BU | 131490 | 201358 | 76858 | -146726 |
| | WHEAT | BU | 905895 | 52953 | 518049 | 334892 |
| | SOYBEANS | BU | 1,361,001 | 1,006,097 | 385,170 | -30,265 |
| | COTTON | BALES | 10,310 | 0 | 4,827 | 5,484 |
| PRIME-FRAGILE: | CORN | BU | 992483 | 1731502 | 466432 | -1205450 |
| | SORGHUM | BU | 818870 | 526196 | 11307 | 281367 |
| | BARLEY | BU | 453556 | 265901 | 161875 | 25780 |
| | OATS | BU | 131409 | 201358 | 76858 | -146808 |
| | WHEAT | BU | 885176 | 52953 | 518049 | 314173 |
| | SOYBEANS | BU | 1,357,749 | 1,006,097 | 385,170 | -33,515 |
| | COTTON | BALES | 10,304 | 0 | 4,827 | 5,478 |
| ENV. CORR. | CORN | BU | 1000812 | 1731502 | 466432 | -1197121 |
| | SORGHUM | BU | 817543 | 526196 | 11307 | 280039 |
| | BARLEY | BU | 448978 | 265901 | 161875 | 21202 |
| | OATS | BU | 138182 | 201358 | 76858 | -140035 |
| | WHEAT | BU | 884504 | 52953 | 518049 | 313502 |
| | SOYBEANS | BU | 1,348,655 | 1,006,097 | 385,170 | -42,611 |
| | COTTON | BALES | 10,311 | 0 | 4,827 | 5,484 |
| HIGH EXPORT: | CORN | BU | 1092023 | 1731502 | 466432 | -1105910 |
| | SORGHUM | BU | 887354 | 526196 | 11307 | 349851 |
| | BARLEY | BU | 380165 | 265901 | 161875 | -47611 |
| | OATS | BU | 235828 | 201358 | 76858 | -42388 |
| | WHEAT | BU | 1242287 | 52953 | 518049 | 671285 |
| | SOYBEANS | BU | 1,543,678 | 1,006,097 | 385,170 | -152,412 |
| | COTTON | BALES | 10,581 | 0 | 4,827 | 5,754 |
| SOIL LOSS: | CORN | BU | 949199 | 1731502 | 466432 | -1248734 |
| | SORGHUM | BU | 807606 | 526196 | 11307 | 270103 |
| | BARLEY | BU | 363046 | 265901 | 161875 | -64730 |
| | OATS | BU | 182633 | 201358 | 76858 | -95583 |
| | WHEAT | BU | 880135 | 52953 | 518049 | 309133 |
| | SOYBEANS | BU | 1,362,022 | 1,006,097 | 385,170 | -29,245 |
| | COTTON | BALES | 10,316 | 0 | 4,827 | 5,490 |

TABLE 15.7 RESOURCE USE IN CROP PRODUCTION (THOUSANDS OF DOLLARS) UNDER ALTERNATIVE FUTURES OUTSIDE THE NORTH CENTRAL REGION

| | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|------------|--------|--------|--------|--------|----------|---------|-------|
| TREND: | | | | | | | |
| BARLEY | 75065 | 13564 | 44322 | 6696 | 33828 | 259083 | 4943 |
| CORN G | 182678 | 47142 | 102972 | 53655 | 55326 | 598353 | 20798 |
| CORN S | 87922 | 48628 | 107643 | 47614 | 42636 | 399280 | 26210 |
| COTTON | 181104 | 29486 | 167635 | 105976 | 52897 | 479247 | 61411 |
| HAY L | 176886 | 130099 | 185184 | 4791 | 131587 | 625238 | 50914 |
| HAY N | 92280 | 10482 | 83243 | 25327 | 64696 | 386668 | 43045 |
| S FALLOW | 71704 | 0 | 5271 | 0 | 105069 | 25091 | 0 |
| OATS | 17598 | 1806 | 9637 | 1663 | 8213 | 64902 | 2136 |
| SORG G | 102788 | 27097 | 59331 | 3172 | 49074 | 431826 | 3980 |
| SORG S | 80663 | 71417 | 39184 | 1619 | 10637 | 136890 | 4460 |
| SOYBEANS | 667671 | 47609 | 171267 | 91603 | 305729 | 1704431 | 95009 |
| SUGAR BEET | 12846 | 17234 | 65870 | 9481 | 7154 | 66091 | 8659 |
| WHEAT | 212118 | 18038 | 94893 | 32679 | 69762 | 651590 | 18040 |

PRIME LANDS:

| | | | | | | | |
|------------|--------|--------|--------|-------|--------|---------|-------|
| BARLEY | 67170 | 15132 | 42311 | 5398 | 31690 | 243174 | 4726 |
| CORN G | 160788 | 42860 | 102264 | 52899 | 53937 | 593171 | 20829 |
| CORN S | 81683 | 47024 | 104701 | 39621 | 43069 | 389240 | 26143 |
| COTTON | 165577 | 28793 | 180690 | 95600 | 49366 | 481519 | 60948 |
| HAY L | 164172 | 129481 | 185037 | 5241 | 131338 | 625745 | 50857 |
| HAY N | 84525 | 10304 | 90404 | 9441 | 68862 | 417450 | 46409 |
| S FALLOW | 69458 | 0 | 5042 | 0 | 93431 | 24072 | 0 |
| OATS | 14477 | 1827 | 9623 | 2130 | 8234 | 64482 | 2148 |
| SORG G | 73220 | 20150 | 60139 | 3203 | 50429 | 439525 | 4271 |
| SORG S | 76446 | 68718 | 39059 | 1584 | 10671 | 136430 | 4453 |
| SOYBEANS | 573438 | 46231 | 169196 | 69387 | 305159 | 1681272 | 93869 |
| SUGAR BEET | 10889 | 16406 | 63850 | 9553 | 6765 | 63646 | 8511 |
| WHEAT | 173639 | 15610 | 92983 | 27396 | 69676 | 642962 | 18068 |

FRAGILE:

| | | | | | | | |
|------------|--------|--------|--------|--------|--------|---------|-------|
| BARLEY | 78692 | 13665 | 47130 | 5897 | 31846 | 267080 | 6978 |
| CORN G | 198215 | 52751 | 103855 | 53162 | 55579 | 600480 | 20884 |
| CORN S | 101716 | 49821 | 107735 | 41864 | 42655 | 399636 | 26230 |
| COTTON | 187722 | 29593 | 167643 | 105977 | 52898 | 479251 | 61413 |
| HAY L | 209835 | 131466 | 191784 | 5097 | 136477 | 652797 | 53284 |
| HAY N | 131185 | 13779 | 92913 | 15023 | 70213 | 431235 | 47416 |
| S FALLOW | 92124 | 0 | 5133 | 0 | 93913 | 24221 | 0 |
| OATS | 22280 | 446 | 9330 | 2213 | 7996 | 63070 | 2114 |
| SORG G | 107015 | 23481 | 59900 | 3307 | 49944 | 438372 | 4181 |
| SORG S | 90507 | 71441 | 39460 | 1721 | 10734 | 137862 | 4481 |
| SOYBEANS | 730931 | 49853 | 172499 | 89762 | 308047 | 1716836 | 95414 |
| SUGAR BEET | 16829 | 17801 | 68308 | 9642 | 6934 | 69042 | 8812 |
| WHEAT | 266503 | 18955 | 96377 | 34123 | 72409 | 657664 | 18821 |

PRIME FRAGILE:

| | | | | | | | |
|------------|--------|--------|--------|-------|--------|---------|-------|
| BARLEY | 71200 | 16298 | 42847 | 5941 | 31711 | 246875 | 4659 |
| CORN G | 164236 | 43030 | 103389 | 54318 | 55570 | 599325 | 20840 |
| CORN S | 87034 | 46728 | 105513 | 40949 | 43229 | 392668 | 26306 |
| COTTON | 166845 | 27785 | 179742 | 96403 | 49616 | 480490 | 61064 |
| HAY L | 161784 | 123600 | 188307 | 5521 | 136120 | 640801 | 52185 |
| HAY N | 98668 | 13554 | 90317 | 10827 | 69194 | 420502 | 46532 |
| S FALLOW | 65192 | 0 | 5041 | 0 | 92626 | 24065 | 0 |
| OATS | 15997 | 363 | 9256 | 2587 | 8094 | 62653 | 2135 |
| SORG G | 68862 | 23341 | 58840 | 3255 | 49706 | 435941 | 3903 |
| SORG S | 81284 | 67648 | 39495 | 1538 | 10740 | 137967 | 4482 |
| SOYBEANS | 615682 | 48191 | 173351 | 74237 | 310826 | 1717395 | 94911 |
| SUGAR BEET | 13257 | 16271 | 65870 | 9698 | 6438 | 66091 | 8657 |
| WHEAT | 176072 | 16129 | 94020 | 28795 | 68706 | 651119 | 18349 |

TABLE 15.7 (CONTINUED)

| | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|-------------------------|---------|--------|--------|--------|----------|---------|--------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| BARLEY | 83393 | 13818 | 43897 | 6456 | 31268 | 248154 | 4975 |
| CORN G | 182528 | 52391 | 103355 | 50788 | 55375 | 600476 | 20850 |
| CORN S | 91781 | 48695 | 107619 | 40831 | 42629 | 399194 | 26205 |
| COTTON | 180553 | 29487 | 167720 | 105996 | 52907 | 479330 | 61437 |
| HAY L | 189800 | 132323 | 184924 | 4962 | 131234 | 624053 | 50768 |
| HAY N | 103016 | 10564 | 89936 | 28794 | 69496 | 419811 | 47048 |
| S FALLOW | 87611 | 0 | 5077 | 0 | 93337 | 24125 | 0 |
| DATS | 17598 | 1810 | 9588 | 1852 | 8171 | 64476 | 2133 |
| SDRG G | 101544 | 26332 | 59482 | 3181 | 49363 | 433493 | 4034 |
| SDRG S | 80529 | 71571 | 39217 | 1626 | 10692 | 137006 | 4462 |
| SOYBEANS | 666180 | 47631 | 171324 | 96362 | 305808 | 1705189 | 95000 |
| SUGAR BEET | 14261 | 17717 | 68681 | 8901 | 7695 | 69493 | 8837 |
| WHEAT | 220452 | 17865 | 94165 | 29918 | 70010 | 649746 | 17846 |
| HIGH EXPORT: | | | | | | | |
| BARLEY | 227870 | 15718 | 43997 | 29704 | 25621 | 241830 | 7042 |
| CORN G | 608401 | 67054 | 114386 | 75081 | 70987 | 681030 | 23889 |
| CORN S | 286010 | 48541 | 109335 | 48508 | 43376 | 408556 | 26532 |
| COTTON | 416319 | 34160 | 182871 | 102786 | 57143 | 512868 | 63158 |
| HAY L | 533976 | 181076 | 198919 | 5668 | 160008 | 710264 | 61355 |
| HAY N | 383465 | 706 | 101609 | 108134 | 77810 | 468065 | 53438 |
| S FALLOW | 197341 | 0 | 4161 | 0 | 54764 | 20300 | 0 |
| DATS | 122078 | 363 | 16869 | 3674 | 14460 | 115166 | 2746 |
| SDRG G | 491881 | 52564 | 69449 | 38762 | 51627 | 479357 | 4539 |
| SDRG S | 183420 | 106222 | 40791 | 2900 | 10999 | 144206 | 4716 |
| SOYBEANS | 2357724 | 75364 | 195739 | 180660 | 354816 | 1958077 | 109990 |
| SUGAR BEET | 40333 | 23634 | 68908 | 18102 | 7351 | 69766 | 8824 |
| WHEAT | 1245076 | 57107 | 149232 | 48430 | 94865 | 958173 | 23970 |
| SOIL LOSS: | | | | | | | |
| BARLEY | 71353 | 12059 | 38823 | 4221 | 23856 | 206416 | 5066 |
| CORN G | 216658 | 48493 | 98494 | 57703 | 50303 | 572594 | 20548 |
| CORN S | 84325 | 51216 | 108303 | 56258 | 41409 | 406958 | 26710 |
| COTTON | 172498 | 30635 | 176962 | 119213 | 49861 | 472824 | 59831 |
| HAY L | 193460 | 166158 | 190480 | 4236 | 130380 | 634109 | 52164 |
| HAY N | 110691 | 13993 | 94708 | 21945 | 70458 | 417066 | 46614 |
| S FALLOW | 59421 | 0 | 3853 | 0 | 46669 | 18835 | 0 |
| DATS | 20583 | 1570 | 12388 | 1621 | 11965 | 84358 | 2860 |
| SDRG G | 105126 | 28386 | 60985 | 3183 | 47408 | 428594 | 3350 |
| SDRG S | 82988 | 73063 | 40133 | 2175 | 10865 | 140964 | 4614 |
| SOYBEANS | 773031 | 57466 | 170235 | 94936 | 301872 | 1701239 | 95423 |
| SUGAR BEET | 19036 | 19755 | 72727 | 10555 | 8419 | 74389 | 9096 |
| WHEAT | 239705 | 19135 | 97313 | 36752 | 66478 | 658698 | 17679 |

TABLE 15.8. QUANTITY OF WATER (THOUSANDS OF ACRE FEET) USED FOR IRRIGATION UNDER SEVEN ALTERNATIVE FUTURES IN THE AREA OUTSIDE THE NORTH CENTRAL REGION

| ALTERNATIVE FUTURE | QUANTITY OF WATER |
|------------------------|-------------------|
| TREND | 43,446 |
| PRIME | 42,639 |
| FRAGILE | 43,240 |
| PRIME-FRAGILE | 42,923 |
| ENVIRONMENTAL CORRIDOR | 43,546 |
| HIGH EXPORT | 45,714 |
| SOIL LOSS | 44,465 |

CHAPTER 16. ZONE 1

Note: There are no tables 3, 5, and 8
in this chapter because irrigation
activity is not defined in the model
for this geographical area.

TABLE 16.1 LAND USE (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN ZONE 1

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXOG USED | TOT USED |
|-----------------------|-----------|---------|---------|----------|----------|-----------|----------|
| TREND: | | | | | | | |
| LC 1-D | 13204 | 382 | 0 | 11505 | 0 | 1352 | 12856 |
| LC 2-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST D | 18316 | -382 | 0 | 18316 | 0 | 0 | 18316 |
| PAST I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 13204 | 382 | 0 | 11505 | 0 | 1352 | 12856 |
| LC 6 TO 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOT CRPLND | 13204 | 382 | 0 | 11505 | 0 | 1352 | 12856 |
| PRIME LANDS: | | | | | | | |
| LC 1-D | 13204 | 382 | 0 | 11505 | 0 | 1352 | 12857 |
| LC 2-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST D | 18316 | -382 | 0 | 18316 | 0 | 0 | 18316 |
| PAST I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 13204 | 382 | 0 | 11505 | 0 | 1352 | 12857 |
| LC 6 TO 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOT CRPLND | 13204 | 382 | 0 | 11505 | 0 | 1352 | 12857 |
| FRAGILE: | | | | | | | |
| LC 1-D | 13204 | 382 | 0 | 11505 | 0 | 1352 | 12857 |
| LC 2-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST D | 18316 | -382 | 0 | 18316 | 0 | 0 | 18316 |
| PAST I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 13204 | 382 | 0 | 11505 | 0 | 1352 | 12857 |
| LC 6 TO 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOT CRPLND | 13204 | 382 | 0 | 11505 | 0 | 1352 | 12857 |
| PRIME-FRAGILE: | | | | | | | |
| LC 1-D | 13204 | 382 | 0 | 11505 | 0 | 1352 | 12857 |
| LC 2-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-D | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST D | 18316 | -382 | 0 | 18316 | 0 | 0 | 18316 |
| PAST I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 13204 | 382 | 0 | 11505 | 0 | 1352 | 12857 |
| LC 6 TO 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOT CRPLND | 13204 | 382 | 0 | 11505 | 0 | 1352 | 12857 |

TABLE 16.1 (CONTINUED)

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXOG USED | TOT USED |
|--------------------------------|-----------|---------|---------|----------|----------|-----------|----------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| LC 1-0 | 13204 | 382 | 0 | 11505 | 0 | 1352 | 12857 |
| LC 2-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 18315 | -382 | 0 | 18316 | 0 | 0 | 18316 |
| PAST 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 13204 | 382 | 0 | 11505 | 0 | 1352 | 12857 |
| LC 6 TO 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOT CRPLND | 13204 | 382 | 0 | 11505 | 0 | 1352 | 12857 |
| HIGH EXPORT: | | | | | | | |
| LC 1-0 | 13691 | 869 | 0 | 12108 | 0 | 1352 | 13460 |
| LC 2-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 17829 | -869 | 0 | 17829 | 0 | 0 | 17829 |
| PAST 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 13691 | 869 | 0 | 12108 | 0 | 1352 | 13460 |
| LC 6 TO 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOT CRPLND | 13691 | 869 | 0 | 12108 | 0 | 1352 | 13460 |
| SOIL LOSS: | | | | | | | |
| LC 1-0 | 13204 | 382 | 0 | 11513 | 0 | 1352 | 12864 |
| LC 2-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 18316 | -382 | 0 | 18316 | 0 | 0 | 18316 |
| PAST 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 13204 | 382 | 0 | 11513 | 0 | 1352 | 12864 |
| LC 6 TO 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOT CRPLND | 13204 | 382 | 0 | 11513 | 0 | 1352 | 12864 |

TABLE 16.2 DRYLAND CROP ACREAGES (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN ZONE 1

| TREND: | LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEAN | SGRBEET | WHEAT |
|----------------|------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|---------|---------|-------|
| TREND: | 1 | 753 | 4276 | 763 | 0 | 816 | 1092 | 0 | 214 | 0 | 0 | 0 | 2836 | 0 | 755 |
| | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17934 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | 1 | 740 | 4274 | 763 | 0 | 816 | 1094 | 27 | 214 | 0 | 0 | 0 | 2389 | 0 | 1189 |
| | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17934 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | 1 | 772 | 4276 | 763 | 0 | 816 | 1094 | 0 | 214 | 0 | 0 | 0 | 2836 | 0 | 735 |
| | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17934 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | 1 | 743 | 4276 | 763 | 0 | 816 | 1094 | 0 | 214 | 0 | 0 | 0 | 2836 | 0 | 764 |
| | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17934 | 0 | 0 | 0 | 0 | 0 |

TABLE 16.2 (CONTINUED)

| LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEANS | SGRBEET | WHEAT |
|-------------------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|----------|---------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | | |
| 1 | 758 | 4276 | 763 | 0 | 816 | 1094 | 0 | 214 | 0 | 0 | 0 | 2836 | 0 | 749 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17934 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | | |
| 1 | 738 | 4457 | 763 | 0 | 828 | 1068 | 0 | 331 | 0 | 0 | 0 | 3202 | 0 | 722 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1696 | 0 | 0 | 0 | 0 | 0 |
| SOIL LOSS: | | | | | | | | | | | | | | |
| 1 | 736 | 4133 | 771 | 0 | 816 | 1092 | 0 | 214 | 0 | 0 | 0 | 2836 | 0 | 914 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17934 | 0 | 0 | 0 | 0 | 0 |

TABLE 16.4 DRYLAND CROP PRODUCTION (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN ZONE 1

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEAN BU | SGRBEET TONS | WHEAT BU |
|------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|---------------|-----------------|-------------|
|------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|---------------|-----------------|-------------|

TREND:

| | | | | | | | | | | | | | |
|---|-------|--------|-------|---|------|------|-------|------|---|---|--------|---|-------|
| 1 | 53723 | 480684 | 13647 | 0 | 2761 | 2876 | 15555 | 0 | 0 | 0 | 109175 | 0 | 35043 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4592 | 0 | 0 | 0 | 0 | 0 |

PRIME LANDS:

| | | | | | | | | | | | | | |
|---|-------|--------|-------|---|------|------|-------|------|---|---|-------|---|-------|
| 1 | 52810 | 480684 | 13647 | 0 | 2761 | 2881 | 15555 | 0 | 0 | 0 | 90804 | 0 | 52497 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4592 | 0 | 0 | 0 | 0 | 0 |

FRAGILE:

| | | | | | | | | | | | | | |
|---|-------|--------|-------|---|------|------|-------|------|---|---|--------|---|-------|
| 1 | 55068 | 480684 | 13647 | 0 | 2761 | 2881 | 15555 | 0 | 0 | 0 | 109175 | 0 | 34277 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4592 | 0 | 0 | 0 | 0 | 0 |

PRIME-FRAGILE:

| | | | | | | | | | | | | | |
|---|-------|--------|-------|---|------|------|-------|------|---|---|--------|---|-------|
| 1 | 52991 | 480683 | 13647 | 0 | 2761 | 2881 | 15555 | 0 | 0 | 0 | 109175 | 0 | 35368 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4592 | 0 | 0 | 0 | 0 | 0 |

TABLE 16.4 (CONTINUED)

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|-------------------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | |
| 1 | 54046 | 480683 | 13647 | 0 | 2761 | 2881 | 15555 | 0 | 0 | 0 | 109175 | 0 | 34810 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4592 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | |
| 1 | 52615 | 503323 | 13647 | 0 | 2761 | 2827 | 23128 | 0 | 0 | 0 | 122419 | 0 | 34720 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4556 | 0 | 0 | 0 | 0 | 0 |
| SOIL LOSS: | | | | | | | | | | | | | |
| 1 | 52521 | 464046 | 13647 | 0 | 2761 | 2876 | 15555 | 0 | 0 | 0 | 109175 | 0 | 41109 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4592 | 0 | 0 | 0 | 0 | 0 |

TABLE 16.6 QUANTITIES OF CROP COMMODITIES PRODUCED (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN ZONE 1

| | | UNIT | PRODUCED | INTER | CONSUMED | NET EXPORT |
|--------------------|----------|-------|----------|---------|----------|------------|
| TREND: | CORN | BU | 480684 | 454839 | 165032 | -139188 |
| | SORGHUM | BU | 0 | 42375 | 4000 | -46375 |
| | BARLEY | BU | 53723 | 13120 | 57314 | -16711 |
| | OATS | BU | 15555 | 8190 | 27206 | -19841 |
| | WHEAT | BU | 35043 | 7781 | 183102 | -155841 |
| | SOYBEANS | BU | 109,175 | 169,616 | 138,021 | -198,462 |
| | COTTON | BALES | 0 | 0 | 1,706 | -1,706 |
| PRIME LANDS: | CORN | BU | 480684 | 454839 | 165032 | -139188 |
| | SORGHUM | BU | 0 | 42375 | 4000 | -46375 |
| | BARLEY | BU | 52810 | 13120 | 57314 | -17624 |
| | OATS | BU | 15555 | 8190 | 27206 | -19841 |
| | WHEAT | BU | 52497 | 7781 | 183102 | -138387 |
| | SOYBEANS | BU | 90,804 | 169,616 | 138,021 | -216,833 |
| | COTTON | BALES | 0 | 0 | 1,706 | -1,706 |
| FRAGILE: | CORN | BU | 480684 | 454839 | 165032 | -139188 |
| | SORGHUM | BU | 0 | 42375 | 4000 | -46375 |
| | BARLEY | BU | 55068 | 13120 | 57314 | -15366 |
| | OATS | BU | 15555 | 8190 | 27206 | -19841 |
| | WHEAT | BU | 34277 | 7781 | 183102 | -156607 |
| | SOYBEANS | BU | 109,175 | 169,616 | 138,021 | -198,462 |
| | COTTON | BALES | 0 | 0 | 1,706 | -1,706 |
| PRIME- FRAGILE: | CORN | BU | 480683 | 454839 | 165032 | -139188 |
| | SORGHUM | BU | 0 | 42375 | 4000 | -46375 |
| | BARLEY | BU | 52591 | 13120 | 57314 | -17443 |
| | OATS | BU | 15555 | 8190 | 27206 | -19841 |
| | WHEAT | BU | 35368 | 7781 | 183102 | -155515 |
| | SOYBEANS | BU | 109,175 | 169,616 | 138,021 | -198,462 |
| | COTTON | BALES | 0 | 0 | 1,706 | -1,706 |
| ENV. CORR. | CORN | BU | 480683 | 454839 | 165032 | -139188 |
| | SORGHUM | BU | 0 | 42375 | 4000 | -46375 |
| | BARLEY | BU | 54046 | 13120 | 57314 | -16388 |
| | OATS | BU | 15555 | 8190 | 27206 | -19841 |
| | WHEAT | BU | 34810 | 7781 | 183102 | -156074 |
| | SOYBEANS | BU | 109,175 | 169,616 | 138,021 | -198,462 |
| | COTTON | BALES | 0 | 0 | 1,706 | -1,706 |
| HIGH EXPORT: | CORN | BU | 503323 | 454839 | 165032 | -116549 |
| | SORGHUM | BU | 0 | 42375 | 4000 | -46375 |
| | BARLEY | BU | 52615 | 13120 | 57314 | -17820 |
| | OATS | BU | 23128 | 8190 | 27206 | -12268 |
| | WHEAT | BU | 34720 | 7781 | 183102 | -156163 |
| | SOYBEANS | BU | 122,418 | 169,616 | 138,021 | -185,218 |
| | COTTON | BALES | 0 | 0 | 1,706 | -1,706 |
| SOIL LOSS: | CORN | BU | 464046 | 454839 | 165032 | -155826 |
| | SORGHUM | BU | 0 | 42375 | 4000 | -46375 |
| | BARLEY | BU | 52521 | 13120 | 57314 | -17913 |
| | OATS | BU | 15555 | 8190 | 27206 | -19841 |
| | WHEAT | BU | 41109 | 7781 | 183102 | -149775 |
| | SOYBEANS | BU | 109,175 | 169,616 | 138,021 | -198,462 |
| | COTTON | BALES | 0 | 0 | 1,706 | -1,706 |

TABLE 16.7 RESOURCE USE IN CROP PRODUCTION (THOUSANDS OF DOLLARS) UNDER ALTERNATIVE FUTURES IN ZONE 1

| TREND: | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|------------|--------|-------|-------|-------|----------|--------|-------|
| BARLEY | 8936 | 0 | 5744 | 267 | 5500 | 3370 | 1500 |
| CORN G | 113667 | 0 | 47793 | 14802 | 25357 | 298913 | 10518 |
| CORN S | 6626 | 0 | 17439 | 2860 | 12912 | 67364 | 5118 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 8084 | 0 | 8090 | 288 | 14342 | 38149 | 7032 |
| HAY N | 10732 | 0 | 8463 | 293 | 14809 | 40153 | 7389 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 2388 | 0 | 1564 | 75 | 1675 | 8850 | 430 |
| SORG G | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 54357 | 0 | 19756 | 4596 | 36058 | 181391 | 6548 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 7322 | 0 | 5324 | 342 | 6412 | 35106 | 1834 |

PRIME LANDS:

| | | | | | | | |
|------------|--------|---|-------|-------|-------|--------|-------|
| BARLEY | 6696 | 0 | 5647 | 263 | 5408 | 33138 | 1475 |
| CORN G | 102788 | 0 | 47793 | 15504 | 24647 | 298416 | 10596 |
| CORN S | 5619 | 0 | 17440 | 2825 | 12911 | 67363 | 5119 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 6098 | 0 | 8090 | 288 | 14342 | 38149 | 7032 |
| HAY N | 8034 | 0 | 8481 | 293 | 14835 | 40274 | 7404 |
| S FALLOW | 377 | 0 | 32 | 0 | 0 | 101 | 0 |
| OATS | 1818 | 0 | 1564 | 75 | 1675 | 8850 | 430 |
| SORG G | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 39689 | 0 | 16069 | 3643 | 31211 | 149475 | 5674 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 9974 | 0 | 8143 | 512 | 9419 | 51915 | 2562 |

FRAGILE:

| | | | | | | | |
|------------|--------|---|-------|-------|-------|--------|-------|
| BARLEY | 10347 | 0 | 5887 | 274 | 5636 | 34533 | 1536 |
| CORN G | 114884 | 0 | 47793 | 14802 | 25357 | 298913 | 10518 |
| CORN S | 7204 | 0 | 17440 | 2861 | 12911 | 67363 | 5119 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 9247 | 0 | 8090 | 288 | 14342 | 38149 | 7032 |
| HAY N | 12406 | 0 | 8481 | 293 | 14835 | 40234 | 7404 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 2701 | 0 | 1564 | 75 | 1675 | 8850 | 430 |
| SORG G | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 60166 | 0 | 19756 | 4596 | 36058 | 181391 | 6548 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 8804 | 0 | 5199 | 336 | 6279 | 34334 | 1799 |

PRIME FRAGILE:

| | | | | | | | |
|------------|--------|---|-------|-------|-------|--------|-------|
| BARLEY | 7258 | 0 | 5666 | 263 | 5426 | 33250 | 1480 |
| CORN G | 105333 | 0 | 47793 | 14801 | 25357 | 298913 | 10518 |
| CORN S | 5960 | 0 | 17440 | 2861 | 12911 | 67363 | 5119 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 6590 | 0 | 8090 | 288 | 14342 | 38149 | 7032 |
| HAY N | 8686 | 0 | 8481 | 293 | 14835 | 40234 | 7404 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 1964 | 0 | 1564 | 75 | 1675 | 8850 | 430 |
| SORG G | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 49671 | 0 | 19756 | 4596 | 36058 | 181391 | 6548 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 5648 | 0 | 5379 | 344 | 6468 | 35435 | 1848 |

TABLE 16.7 (CONTINUED)

| | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|--------------------------------|--------|-------|-------|-------|----------|--------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| BARLEY | 8911 | 0 | 5778 | 269 | 5533 | 33902 | 1508 |
| CORN G | 113266 | 0 | 47793 | 14801 | 25357 | 298913 | 10518 |
| CORN S | 6597 | 0 | 17440 | 2861 | 12911 | 67363 | 5119 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 8008 | 0 | 8090 | 288 | 14342 | 38149 | 7032 |
| HAY N | 10637 | 0 | 8481 | 293 | 14835 | 40234 | 7404 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 2366 | 0 | 1564 | 75 | 1675 | 8850 | 430 |
| SORG G | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 54211 | 0 | 19756 | 4596 | 36058 | 181391 | 6548 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 7161 | 0 | 5287 | 340 | 6371 | 34872 | 1823 |
| HIGH EXPORT: | | | | | | | |
| BARLEY | 46053 | 0 | 5626 | 262 | 5388 | 33017 | 1470 |
| CORN G | 329502 | 0 | 49310 | 15658 | 31448 | 314541 | 11128 |
| CORN S | 23815 | 0 | 17439 | 2860 | 12912 | 67364 | 5118 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 45700 | 0 | 8111 | 268 | 14478 | 38170 | 6951 |
| HAY N | 57834 | 0 | 8344 | 273 | 14389 | 39622 | 7231 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 12596 | 0 | 2772 | 140 | 2170 | 13661 | 880 |
| SORG G | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 208916 | 0 | 21889 | 5023 | 41319 | 202385 | 7508 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 44227 | 0 | 5212 | 330 | 5610 | 33716 | 1758 |
| SOIL LOSS: | | | | | | | |
| BARLEY | 7046 | 0 | 5616 | 261 | 5379 | 32959 | 1467 |
| CORN G | 142278 | 0 | 46382 | 14403 | 23099 | 288279 | 10143 |
| CORN S | 5805 | 0 | 17750 | 2947 | 11153 | 69363 | 5325 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 6389 | 0 | 8090 | 288 | 14342 | 38149 | 7032 |
| HAY N | 8347 | 0 | 8464 | 293 | 14809 | 40153 | 7389 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 1922 | 0 | 1564 | 75 | 1675 | 8850 | 430 |
| SORG G | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 54172 | 0 | 19756 | 4596 | 36058 | 181391 | 6548 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 6581 | 0 | 6327 | 385 | 7461 | 41222 | 2104 |

CHAPTER 17. ZONE 2

Note: There are no tables 3, 5, and 8 in this chapter because irrigation activity is not defined in the model for this geographical area.

TABLE 17.1 LAND USE (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN ZONE 2

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXOG USED | TOT USED |
|-----------------------|-----------|---------|---------|----------|----------|-----------|----------|
| TREND: | | | | | | | |
| LC 1-0 | 42529 | 3255 | 0 | 35035 | 0 | 5930 | 40965 |
| LC 2-0 | 1060 | 0 | 0 | 1003 | 0 | 57 | 1060 |
| LC 3-0 | 1992 | 0 | 0 | 1816 | 0 | 176 | 1992 |
| LC 4-0 | 629 | 0 | 0 | 474 | 0 | 28 | 502 |
| LC 5-0 | 2956 | 0 | 0 | 2602 | 0 | 277 | 2879 |
| LC 6-0 | 256 | 0 | 0 | 247 | 0 | 10 | 256 |
| LC 7-0 | 176 | 0 | 0 | 152 | 0 | 17 | 170 |
| LC 8-0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 269 | 0 | 0 | 0 | 0 | 6 | 6 |
| LC 1-1 | 8 | 0 | 0 | 0 | 7 | 1 | 8 |
| LC 2-1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| LC 3-1 | 10 | 0 | 0 | 0 | 8 | 3 | 10 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 36 | 0 | 0 | 0 | 25 | 10 | 36 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST D | 76792 | -3247 | 0 | 76792 | 0 | 0 | 76792 |
| PAST I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 49220 | 3255 | 0 | 40930 | 40 | 6481 | 47452 |
| LC 6 TO 9 | 799 | 0 | 0 | 399 | 40 | 33 | 432 |
| TOT CRPLND | 49929 | 3255 | 0 | 41329 | 40 | 6514 | 47884 |
| PRIME LANDS: | | | | | | | |
| LC 1-0 | 42408 | 3114 | 0 | 34925 | 0 | 5930 | 40855 |
| LC 2-0 | 1086 | 0 | 0 | 1029 | 0 | 57 | 1086 |
| LC 3-0 | 2041 | 0 | 0 | 1866 | 0 | 176 | 2041 |
| LC 4-0 | 621 | 0 | 0 | 466 | 0 | 28 | 494 |
| LC 5-0 | 2910 | 0 | 0 | 2532 | 0 | 277 | 2809 |
| LC 6-0 | 253 | 0 | 0 | 238 | 0 | 10 | 248 |
| LC 7-0 | 173 | 0 | 0 | 150 | 0 | 17 | 167 |
| LC 8-0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 265 | 0 | 0 | 0 | 0 | 6 | 6 |
| LC 1-1 | 8 | 0 | 0 | 0 | 7 | 1 | 8 |
| LC 2-1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| LC 3-1 | 11 | 0 | 0 | 0 | 8 | 3 | 11 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 35 | 0 | 0 | 0 | 25 | 10 | 35 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST D | 76935 | -3107 | 0 | 76935 | 0 | 0 | 76935 |
| PAST I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 49121 | 3114 | 0 | 40818 | 41 | 6481 | 47340 |
| LC 6 TO 9 | 699 | 0 | 0 | 387 | 40 | 33 | 420 |
| TOT CRPLND | 49820 | 3114 | 0 | 41205 | 41 | 6514 | 47761 |
| FRAGILE: | | | | | | | |
| LC 1-0 | 42576 | 3302 | 0 | 35108 | 0 | 5930 | 41038 |
| LC 2-0 | 1059 | 0 | 0 | 1003 | 0 | 57 | 1059 |
| LC 3-0 | 1992 | 0 | 0 | 1816 | 0 | 176 | 1992 |
| LC 4-0 | 629 | 0 | 0 | 474 | 0 | 28 | 501 |
| LC 5-0 | 2955 | 0 | 0 | 2534 | 0 | 277 | 2911 |
| LC 6-0 | 251 | 0 | 0 | 241 | 0 | 10 | 251 |
| LC 7-0 | 176 | 0 | 0 | 152 | 0 | 17 | 170 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 6 | 0 | 0 | 0 | 0 | 6 | 6 |
| LC 1-1 | 8 | 0 | 0 | 0 | 7 | 1 | 8 |
| LC 2-1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| LC 3-1 | 10 | 0 | 0 | 0 | 8 | 3 | 10 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 36 | 0 | 0 | 0 | 25 | 10 | 36 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST D | 77019 | -3285 | 0 | 77019 | 0 | 0 | 77019 |
| PAST I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 49265 | 3302 | 0 | 41034 | 40 | 6481 | 47556 |
| LC 6 TO 9 | 432 | 0 | 0 | 393 | 40 | 33 | 426 |
| TOT CRPLND | 49698 | 3302 | 0 | 41427 | 40 | 6514 | 47982 |
| PRIME-FRAGILE: | | | | | | | |
| LC 1-0 | 42549 | 3255 | 0 | 35065 | 0 | 5930 | 40995 |
| LC 2-0 | 1086 | 0 | 0 | 1029 | 0 | 57 | 1086 |
| LC 3-0 | 2041 | 0 | 0 | 1866 | 0 | 176 | 2041 |
| LC 4-0 | 620 | 0 | 0 | 465 | 0 | 28 | 493 |
| LC 5-0 | 2908 | 0 | 0 | 2530 | 0 | 277 | 2807 |
| LC 6-0 | 247 | 0 | 0 | 222 | 0 | 10 | 232 |
| LC 7-0 | 173 | 0 | 0 | 150 | 0 | 17 | 167 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 6 | 0 | 0 | 0 | 0 | 6 | 6 |
| LC 1-1 | 8 | 0 | 0 | 0 | 7 | 1 | 8 |
| LC 2-1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| LC 3-1 | 11 | 0 | 0 | 0 | 8 | 3 | 11 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 35 | 0 | 0 | 0 | 25 | 10 | 35 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST D | 77057 | -3247 | 0 | 77057 | 0 | 0 | 77057 |
| PAST I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 49260 | 3255 | 0 | 40955 | 41 | 6481 | 47477 |
| LC 6 TO 9 | 426 | 0 | 0 | 372 | 0 | 33 | 405 |
| TOT CRPLND | 49686 | 3255 | 0 | 41327 | 41 | 6514 | 47882 |

TABLE 17.1 (CONTINUED)

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXOGEN USED | TOT USED |
|--------------------------------|-----------|---------|---------|----------|----------|-------------|----------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| LC 1-0 | 42527 | 3255 | 0 | 35060 | 0 | 5930 | 40990 |
| LC 2-0 | 1057 | 0 | 0 | 1001 | 0 | 57 | 1057 |
| LC 3-0 | 1988 | 0 | 0 | 1812 | 0 | 176 | 1988 |
| LC 4-0 | 628 | 0 | 0 | 473 | 0 | 28 | 500 |
| LC 5-0 | 2949 | 0 | 0 | 2598 | 0 | 277 | 2875 |
| LC 6-0 | 256 | 0 | 0 | 246 | 0 | 10 | 256 |
| LC 7-0 | 175 | 0 | 0 | 152 | 0 | 17 | 169 |
| LC 8-0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 268 | 0 | 0 | 0 | 0 | 6 | 6 |
| LC 1-1 | 8 | 0 | 0 | 0 | 7 | 1 | 8 |
| LC 2-1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| LC 3-1 | 10 | 0 | 0 | 0 | 8 | 3 | 10 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 36 | 0 | 0 | 0 | 25 | 10 | 36 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 76790 | -3247 | 0 | 76790 | 0 | 0 | 76790 |
| PAST 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 49204 | 3255 | 0 | 40943 | 40 | 6481 | 47465 |
| LC 6 TO 9 | 707 | 0 | 0 | 399 | 0 | 33 | 432 |
| TOT CRPLND | 44911 | 3255 | 0 | 41341 | 40 | 6514 | 47896 |
| HIGH EXPORT: | | | | | | | |
| LC 1-0 | 45758 | 6484 | 0 | 39827 | 0 | 5930 | 45757 |
| LC 2-0 | 1060 | 0 | 0 | 1003 | 0 | 57 | 1060 |
| LC 3-0 | 1992 | 0 | 0 | 1816 | 0 | 176 | 1992 |
| LC 4-0 | 629 | 0 | 0 | 601 | 0 | 28 | 629 |
| LC 5-0 | 2956 | 0 | 0 | 2679 | 0 | 277 | 2956 |
| LC 6-0 | 256 | 0 | 0 | 247 | 0 | 10 | 256 |
| LC 7-0 | 176 | 0 | 0 | 156 | 0 | 17 | 176 |
| LC 8-0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 269 | 0 | 0 | 195 | 0 | 6 | 201 |
| LC 1-1 | 8 | 0 | 0 | 0 | 7 | 1 | 8 |
| LC 2-1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| LC 3-1 | 10 | 0 | 0 | 0 | 8 | 3 | 10 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 36 | 0 | 0 | 0 | 25 | 10 | 36 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 73572 | -6467 | 0 | 73572 | 0 | 0 | 73572 |
| PAST 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 52450 | 6484 | 0 | 45926 | 40 | 6481 | 52448 |
| LC 6 TO 9 | 709 | 0 | 0 | 600 | 0 | 33 | 633 |
| TOT CRPLND | 53158 | 6484 | 0 | 46526 | 40 | 6514 | 53081 |
| SOIL LOSS: | | | | | | | |
| LC 1-0 | 42576 | 3302 | 0 | 35080 | 0 | 5930 | 41010 |
| LC 2-0 | 1060 | 0 | 0 | 1003 | 0 | 57 | 1060 |
| LC 3-0 | 1992 | 0 | 0 | 1816 | 0 | 176 | 1992 |
| LC 4-0 | 629 | 0 | 0 | 474 | 0 | 28 | 502 |
| LC 5-0 | 2956 | 0 | 0 | 1639 | 0 | 277 | 1916 |
| LC 6-0 | 256 | 0 | 0 | 247 | 0 | 10 | 256 |
| LC 7-0 | 176 | 0 | 0 | 152 | 0 | 17 | 170 |
| LC 8-0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 269 | 0 | 0 | 0 | 0 | 6 | 6 |
| LC 1-1 | 8 | 0 | 0 | 0 | 7 | 1 | 8 |
| LC 2-1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| LC 3-1 | 10 | 0 | 0 | 0 | 8 | 3 | 10 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 36 | 0 | 0 | 0 | 25 | 10 | 36 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 76754 | -3285 | 0 | 76754 | 0 | 0 | 76754 |
| PAST 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 49267 | 3302 | 0 | 40012 | 40 | 6481 | 46533 |
| LC 6 TO 9 | 709 | 0 | 0 | 399 | 0 | 33 | 432 |
| TOT CRPLND | 49976 | 3302 | 0 | 40410 | 40 | 6514 | 46965 |

TABLE 17.2 DRYLAND CROP ACREAGES (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN ZONE 2

| TREND: | LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEAN | SGRBEET | WHEAT |
|----------------|------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|---------|---------|-------|
| | 1 | 25 | 1612 | 2155 | 4469 | 41 | 140 | 59 | 264 | 0 | 31 | 35 | 25287 | 0 | 1006 |
| | 2 | 0 | 49 | 0 | 164 | 288 | 0 | 0 | 0 | 0 | 0 | 0 | 382 | 0 | 132 |
| | 3 | 0 | 132 | 0 | 0 | 0 | 38 | 0 | 0 | 0 | 0 | 0 | 1621 | 0 | 16 |
| | 4 | 0 | 0 | 0 | 2 | 96 | 0 | 0 | 0 | 0 | 25 | 306 | 0 | 0 | 45 |
| | 5 | 0 | 0 | 0 | 0 | 0 | 628 | 0 | 0 | 0 | 0 | 0 | 1313 | 0 | 821 |
| | 6 | 0 | 0 | 0 | 0 | 0 | 101 | 0 | 25 | 0 | 0 | 0 | 82 | 0 | 33 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 162 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 73544 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | 1 | 25 | 1612 | 2232 | 4476 | 11 | 85 | 59 | 264 | 0 | 31 | 35 | 25135 | 0 | 1003 |
| | 2 | 0 | 81 | 0 | 149 | 314 | 0 | 0 | 30 | 0 | 0 | 0 | 352 | 0 | 115 |
| | 3 | 0 | 109 | 0 | 0 | 0 | 39 | 0 | 0 | 0 | 0 | 0 | 1698 | 0 | 17 |
| | 4 | 0 | 0 | 0 | 2 | 91 | 0 | 0 | 0 | 0 | 25 | 306 | 0 | 0 | 43 |
| | 5 | 0 | 0 | 0 | 0 | 0 | 695 | 0 | 0 | 0 | 0 | 0 | 1287 | 0 | 721 |
| | 6 | 0 | 0 | 0 | 0 | 0 | 62 | 0 | 0 | 0 | 0 | 0 | 125 | 0 | 50 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 159 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 73828 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | 1 | 25 | 1612 | 2155 | 4470 | 41 | 168 | 59 | 264 | 0 | 31 | 35 | 25348 | 0 | 1005 |
| | 2 | 0 | 49 | 0 | 164 | 288 | 0 | 0 | 0 | 0 | 0 | 0 | 381 | 0 | 132 |
| | 3 | 0 | 132 | 0 | 0 | 0 | 38 | 0 | 0 | 0 | 0 | 0 | 1621 | 0 | 16 |
| | 4 | 0 | 0 | 0 | 2 | 96 | 0 | 0 | 0 | 0 | 25 | 306 | 0 | 0 | 45 |
| | 5 | 0 | 0 | 0 | 0 | 0 | 568 | 0 | 0 | 0 | 0 | 0 | 1318 | 0 | 898 |
| | 6 | 0 | 0 | 0 | 0 | 0 | 166 | 0 | 25 | 0 | 0 | 0 | 105 | 0 | 0 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 162 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 73734 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | 1 | 25 | 1612 | 2232 | 4477 | 41 | 163 | 59 | 264 | 0 | 31 | 35 | 25210 | 0 | 1006 |
| | 2 | 0 | 81 | 0 | 158 | 294 | 0 | 0 | 30 | 0 | 0 | 0 | 372 | 0 | 105 |
| | 3 | 0 | 109 | 0 | 0 | 0 | 39 | 0 | 0 | 0 | 0 | 0 | 1698 | 0 | 17 |
| | 4 | 0 | 0 | 0 | 2 | 91 | 0 | 0 | 0 | 0 | 25 | 306 | 0 | 0 | 43 |
| | 5 | 0 | 0 | 0 | 0 | 0 | 654 | 0 | 0 | 0 | 0 | 0 | 1293 | 0 | 747 |
| | 6 | 0 | 0 | 0 | 0 | 0 | 56 | 0 | 0 | 0 | 0 | 0 | 117 | 0 | 47 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 159 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 73810 | 0 | 0 | 0 | 0 | 0 |

TABLE 17.2 (CONTINUED)

| LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEANS | SGRBEET | WHEAT |
|--------------------------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|----------|---------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | | |
| 1 | 25 | 1613 | 2155 | 4473 | 40 | 165 | 59 | 264 | 0 | 31 | 35 | 25281 | 0 | 1006 |
| 2 | 0 | 49 | 0 | 162 | 290 | 0 | 0 | 0 | 0 | 0 | 0 | 379 | 0 | 133 |
| 3 | 0 | 132 | 0 | 0 | 0 | 38 | 0 | 0 | 0 | 0 | 0 | 1617 | 0 | 16 |
| 4 | 0 | 0 | 0 | 2 | 95 | 0 | 0 | 0 | 0 | 25 | 306 | 0 | 0 | 45 |
| 5 | 0 | 0 | 0 | 0 | 0 | 633 | 0 | 0 | 0 | 0 | 0 | 1311 | 0 | 816 |
| 6 | 0 | 0 | 0 | 0 | 0 | 100 | 0 | 25 | 0 | 0 | 0 | 83 | 0 | 33 |
| 7 | 0 | 0 | 0 | 0 | 0 | 162 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 73543 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | | |
| 1 | 25 | 2129 | 2155 | 4353 | 146 | 656 | 59 | 321 | 0 | 31 | 35 | 28932 | 0 | 1074 |
| 2 | 0 | 49 | 0 | 146 | 323 | 0 | 0 | 0 | 0 | 0 | 0 | 346 | 0 | 148 |
| 3 | 0 | 132 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 1632 | 0 | 18 |
| 4 | 0 | 0 | 0 | 357 | 0 | 0 | 0 | 0 | 0 | 25 | 306 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 267 | 0 | 0 | 0 | 0 | 0 | 1241 | 0 | 1273 |
| 6 | 0 | 0 | 0 | 0 | 0 | 199 | 0 | 0 | 0 | 0 | 0 | 106 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 162 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 126 | 0 | 62 | 67104 | 0 | 0 | 0 | 0 | 0 |
| SOIL LOSS: | | | | | | | | | | | | | | |
| 1 | 25 | 1708 | 2155 | 4101 | 11 | 48 | 59 | 264 | 0 | 31 | 35 | 25732 | 0 | 1006 |
| 2 | 0 | 49 | 0 | 307 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 672 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 1834 | 0 | 7 |
| 4 | 0 | 0 | 0 | 172 | 0 | 0 | 0 | 0 | 0 | 25 | 306 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 497 | 855 | 0 | 351 | 0 | 0 | 0 | 0 | 0 | 204 |
| 6 | 0 | 55 | 0 | 0 | 0 | 149 | 0 | 0 | 0 | 0 | 0 | 106 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 162 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 73469 | 0 | 0 | 0 | 0 | 0 |

TABLE 17.4 DRYLAND CROP PRODUCTION (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN ZONE 2

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEAN BU | SGRBEET TONS | WHEAT BU |
|----------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|---------------|-----------------|-------------|
| TREND: | | | | | | | | | | | | | |
| 1 | 1257 | 121441 | 31022 | 7113 | 120 | 313 | 17007 | 0 | 1743 | 512 | 889715 | 0 | 44542 |
| 2 | 0 | 5910 | 0 | 326 | 1216 | 0 | 0 | 0 | 0 | 0 | 14751 | 0 | 8376 |
| 3 | 0 | 14897 | 0 | 0 | 0 | 121 | 0 | 0 | 0 | 0 | 64136 | 0 | 837 |
| 4 | 0 | 0 | 0 | 5 | 355 | 0 | 0 | 0 | 2096 | 5668 | 0 | 0 | 2708 |
| 5 | 0 | 0 | 0 | 0 | 0 | 1381 | 0 | 0 | 0 | 0 | 38998 | 0 | 39225 |
| 6 | 0 | 0 | 0 | 0 | 0 | 212 | 2079 | 0 | 0 | 0 | 2126 | 0 | 1421 |
| 7 | 0 | 0 | 0 | 0 | 0 | 303 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22746 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | | | | | | | | | | | | | |
| 1 | 1257 | 121441 | 31022 | 7146 | 32 | 231 | 17007 | 0 | 1743 | 512 | 884774 | 0 | 44570 |
| 2 | 0 | 9224 | 0 | 296 | 1324 | 0 | 3235 | 0 | 0 | 0 | 13592 | 0 | 7273 |
| 3 | 0 | 12239 | 0 | 0 | 0 | 124 | 0 | 0 | 0 | 0 | 67178 | 0 | 857 |
| 4 | 0 | 0 | 0 | 4 | 337 | 0 | 0 | 0 | 2096 | 5668 | 0 | 0 | 2577 |
| 5 | 0 | 0 | 0 | 0 | 0 | 1521 | 0 | 0 | 0 | 0 | 38224 | 0 | 34508 |
| 6 | 0 | 0 | 0 | 0 | 0 | 131 | 0 | 0 | 0 | 0 | 3140 | 0 | 2194 |
| 7 | 0 | 0 | 0 | 0 | 0 | 298 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22750 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | | | | | | | | | | | | | |
| 1 | 1257 | 121441 | 31022 | 7114 | 119 | 389 | 17007 | 0 | 1743 | 512 | 891987 | 0 | 44542 |
| 2 | 0 | 5907 | 0 | 326 | 1217 | 0 | 0 | 0 | 0 | 0 | 14740 | 0 | 8380 |
| 3 | 0 | 14897 | 0 | 0 | 0 | 121 | 0 | 0 | 0 | 0 | 64120 | 0 | 837 |
| 4 | 0 | 0 | 0 | 5 | 354 | 0 | 0 | 0 | 2096 | 5668 | 0 | 0 | 2706 |
| 5 | 0 | 0 | 0 | 0 | 0 | 1256 | 0 | 0 | 0 | 0 | 39117 | 0 | 42874 |
| 6 | 0 | 0 | 0 | 0 | 0 | 312 | 2032 | 0 | 0 | 0 | 3249 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 303 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22849 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | | | | | | | | | | | | | |
| 1 | 1257 | 121441 | 31022 | 7139 | 118 | 386 | 17007 | 0 | 1743 | 512 | 887534 | 0 | 44542 |
| 2 | 0 | 9224 | 0 | 315 | 1240 | 0 | 3235 | 0 | 0 | 0 | 14364 | 0 | 6697 |
| 3 | 0 | 12239 | 0 | 0 | 0 | 124 | 0 | 0 | 0 | 0 | 67178 | 0 | 857 |
| 4 | 0 | 0 | 0 | 4 | 337 | 0 | 0 | 0 | 2096 | 5668 | 0 | 0 | 2571 |
| 5 | 0 | 0 | 0 | 0 | 0 | 1432 | 0 | 0 | 0 | 0 | 38395 | 0 | 35756 |
| 6 | 0 | 0 | 0 | 0 | 0 | 119 | 0 | 0 | 0 | 0 | 2836 | 0 | 2055 |
| 7 | 0 | 0 | 0 | 0 | 0 | 298 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22865 | 0 | 0 | 0 | 0 | 0 |

TABLE 17.4 (CONTINUED)

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|-------------------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | |
| 1 | 1257 | 121628 | 31022 | 7117 | 116 | 383 | 17007 | 0 | 1743 | 512 | 889500 | 0 | 44542 |
| 2 | 0 | 5905 | 0 | 323 | 1223 | 0 | 0 | 0 | 0 | 0 | 14632 | 0 | 8422 |
| 3 | 0 | 14897 | 0 | 0 | 0 | 121 | 0 | 0 | 0 | 0 | 63965 | 0 | 836 |
| 4 | 0 | 0 | 0 | 5 | 352 | 0 | 0 | 0 | 2096 | 5668 | 0 | 0 | 2689 |
| 5 | 0 | 0 | 0 | 0 | 0 | 1391 | 0 | 0 | 0 | 0 | 38911 | 0 | 38985 |
| 6 | 0 | 0 | 0 | 0 | 0 | 210 | 2032 | 0 | 0 | 0 | 2145 | 0 | 1436 |
| 7 | 0 | 0 | 0 | 0 | 0 | 302 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22745 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | |
| 1 | 1257 | 163895 | 31022 | 6719 | 423 | 1455 | 20841 | 0 | 1743 | 512 | 1018072 | 0 | 47406 |
| 2 | 0 | 5910 | 0 | 291 | 1365 | 0 | 0 | 0 | 0 | 0 | 13376 | 0 | 9403 |
| 3 | 0 | 14897 | 0 | 0 | 0 | 96 | 0 | 0 | 0 | 0 | 64517 | 0 | 911 |
| 4 | 0 | 0 | 0 | 680 | 0 | 0 | 0 | 0 | 2305 | 5668 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 603 | 0 | 0 | 0 | 0 | 36812 | 0 | 60719 |
| 6 | 0 | 0 | 0 | 0 | 0 | 358 | 0 | 0 | 0 | 0 | 3275 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 331 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 196 | 2314 | 22162 | 0 | 0 | 0 | 0 | 0 |
| SOIL LOSS: | | | | | | | | | | | | | |
| 1 | 1257 | 132598 | 31022 | 6504 | 32 | 119 | 17055 | 0 | 1743 | 512 | 904739 | 0 | 44542 |
| 2 | 0 | 5910 | 0 | 610 | 0 | 0 | 0 | 0 | 0 | 0 | 25968 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 32 | 0 | 0 | 0 | 0 | 72383 | 0 | 377 |
| 4 | 0 | 0 | 0 | 337 | 0 | 0 | 0 | 0 | 2305 | 5668 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 1565 | 1872 | 31150 | 0 | 0 | 0 | 0 | 0 | 10554 |
| 6 | 0 | 3976 | 0 | 0 | 0 | 303 | 0 | 0 | 0 | 0 | 3275 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 331 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22730 | 0 | 0 | 0 | 0 | 0 |

TABLE 17.6 QUANTITIES OF CROP COMMODITIES PRODUCED (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN ZONE 2

| | | UNIT | PRODUCED | INTER | CONSUMED | NET EXPORT |
|--------------------|----------|-------|-----------|---------|----------|------------|
| TREND: | CORN | BU | 145867 | 554109 | 112150 | -520392 |
| | SORGHUM | BU | 3839 | 72825 | 2680 | -71666 |
| | BARLEY | BU | 1257 | 30745 | 38988 | -68476 |
| | OATS | BU | 19086 | 14948 | 18379 | -14242 |
| | WHEAT | BU | 97109 | 13152 | 124403 | -40446 |
| | SOYBEANS | BU | 1,057,212 | 396,184 | 92,399 | 568,630 |
| | COTTON | BALES | 7,462 | 0 | 1,160 | 6,302 |
| PRIME LANDS: | CORN | BU | 146552 | 554109 | 112150 | -519707 |
| | SORGHUM | BU | 3839 | 72825 | 2680 | -71666 |
| | BARLEY | BU | 1257 | 30745 | 38988 | -68476 |
| | OATS | BU | 20242 | 14948 | 18379 | -13085 |
| | WHEAT | BU | 91978 | 13152 | 124403 | -45577 |
| | SOYBEANS | BU | 1,054,408 | 396,184 | 92,399 | 565,827 |
| | COTTON | BALES | 7,464 | 0 | 1,160 | 6,305 |
| FRAGILE: | CORN | BU | 145862 | 554109 | 112150 | -520397 |
| | SORGHUM | BU | 3839 | 72825 | 2680 | -71666 |
| | BARLEY | BU | 1257 | 30745 | 38988 | -68476 |
| | OATS | BU | 19039 | 14948 | 18379 | -14289 |
| | WHEAT | BU | 99338 | 13152 | 124403 | -38217 |
| | SOYBEANS | BU | 1,060,698 | 396,184 | 92,399 | 572,117 |
| | COTTON | BALES | 7,462 | 0 | 1,160 | 6,302 |
| PRIME- FRAGILE: | CORN | BU | 146548 | 554109 | 112150 | -519711 |
| | SORGHUM | BU | 3839 | 72825 | 2680 | -71666 |
| | BARLEY | BU | 1257 | 30745 | 38988 | -68476 |
| | OATS | BU | 20242 | 14948 | 18379 | -13085 |
| | WHEAT | BU | 92478 | 13152 | 124403 | -45077 |
| | SOYBEANS | BU | 1,057,942 | 396,184 | 92,399 | 569,361 |
| | COTTON | BALES | 7,476 | 0 | 1,160 | 6,316 |
| ENV. CORR. | CORN | BU | 146046 | 554109 | 112150 | -520213 |
| | SORGHUM | BU | 3839 | 72825 | 2680 | -71666 |
| | BARLEY | BU | 1257 | 30745 | 38988 | -68476 |
| | OATS | BU | 19039 | 14948 | 18379 | -14289 |
| | WHEAT | BU | 96910 | 13152 | 124403 | -40645 |
| | SOYBEANS | BU | 1,056,642 | 396,184 | 92,399 | 568,059 |
| | COTTON | BALES | 7,462 | 0 | 1,160 | 6,303 |
| HIGH EXPORT: | CORN | BU | 188321 | 554109 | 112150 | -477938 |
| | SORGHUM | BU | 4048 | 72825 | 2680 | -71456 |
| | BARLEY | BU | 1257 | 30745 | 38988 | -68476 |
| | OATS | BU | 23154 | 14948 | 18379 | -10173 |
| | WHEAT | BU | 118438 | 13152 | 124403 | -19117 |
| | SOYBEANS | BU | 1,185,102 | 396,184 | 92,399 | 696,519 |
| | COTTON | BALES | 7,708 | 0 | 1,160 | 6,548 |
| SOIL LOSS: | CORN | BU | 146103 | 554109 | 112150 | -520156 |
| | SORGHUM | BU | 4048 | 72825 | 2680 | -71456 |
| | BARLEY | BU | 1257 | 30745 | 38988 | -68476 |
| | OATS | BU | 48205 | 14948 | 18379 | -14877 |
| | WHEAT | BU | 55473 | 13152 | 124403 | -82082 |
| | SOYBEANS | BU | 1,053,893 | 396,184 | 92,399 | 565,310 |
| | COTTON | BALES | 7,468 | 0 | 1,160 | 6,309 |

TABLE 17.7 RESOURCE USE IN CROP PRODUCTION (THOUSANDS OF DOLLARS) UNDER ALTERNATIVE FUTURES IN ZONE 2

| TREND: | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|------------|--------|-------|--------|--------|----------|---------|--------|
| BARLEY | 467 | 0 | 114 | 24 | 136 | 832 | 62 |
| CORN G | 25217 | 138 | 15213 | 10033 | 15665 | 119960 | 6748 |
| CORN S | 28318 | 0 | 23285 | 14267 | 14069 | 146969 | 10897 |
| COTTON | 153611 | 67 | 117446 | 78168 | 38603 | 278895 | 42275 |
| HAY L | 8762 | 0 | 2590 | 61 | 3008 | 14623 | 2414 |
| HAY N | 9324 | 0 | 6247 | 142 | 7331 | 35168 | 5667 |
| S FALLOW | 1123 | 0 | 51 | 0 | 261 | 210 | 0 |
| OATS | 1442 | 0 | 1429 | 159 | 980 | 9590 | 755 |
| SORG G | 1318 | 0 | 307 | 113 | 287 | 2604 | 140 |
| SORG S | 7880 | 0 | 3924 | 462 | 2602 | 19871 | 1227 |
| SOYBEANS | 576286 | 0 | 135434 | 54364 | 250922 | 1498882 | 85455 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 24598 | 0 | 9047 | 1033 | 12079 | 65115 | 4640 |
| TOTAL | 838347 | 205 | 315086 | 158827 | 345943 | 2092718 | 160280 |

PRIME LANDS:

| | | | | | | | |
|------------|--------|-----|--------|-------|--------|---------|-------|
| BARLEY | 398 | 0 | 114 | 24 | 136 | 832 | 62 |
| CORN G | 21491 | 139 | 15219 | 10036 | 15672 | 120008 | 6751 |
| CORN S | 28387 | 0 | 21649 | 8263 | 14903 | 142742 | 11123 |
| COTTON | 144679 | 67 | 118542 | 77444 | 38638 | 280342 | 42155 |
| HAY L | 8528 | 0 | 2465 | 54 | 2878 | 13737 | 2253 |
| HAY N | 8206 | 0 | 6276 | 131 | 7168 | 34669 | 5545 |
| S FALLOW | 958 | 0 | 51 | 0 | 261 | 210 | 0 |
| OATS | 2066 | 0 | 1425 | 159 | 1007 | 9568 | 754 |
| SORG G | 1187 | 0 | 307 | 113 | 287 | 2604 | 140 |
| SORG S | 7233 | 0 | 3924 | 462 | 2602 | 19871 | 1227 |
| SOYBEANS | 502491 | 0 | 136256 | 51998 | 253892 | 1399409 | 85018 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 19846 | 0 | 8568 | 975 | 11450 | 61905 | 4434 |

FRAGILE:

| | | | | | | | |
|------------|--------|-----|--------|-------|--------|---------|-------|
| BARLEY | 520 | 0 | 114 | 24 | 136 | 832 | 62 |
| CORN G | 27899 | 138 | 15213 | 10033 | 15665 | 119958 | 6748 |
| CORN S | 31592 | 0 | 23285 | 14267 | 14069 | 146969 | 10897 |
| COTTON | 158540 | 66 | 117452 | 78169 | 38603 | 278899 | 42277 |
| HAY L | 9267 | 0 | 2589 | 61 | 3008 | 14620 | 2414 |
| HAY N | 10713 | 0 | 6357 | 145 | 7429 | 35552 | 5812 |
| S FALLOW | 1253 | 0 | 51 | 0 | 261 | 210 | 0 |
| OATS | 1707 | 0 | 1425 | 159 | 975 | 9568 | 754 |
| SORG G | 1413 | 0 | 307 | 113 | 287 | 2604 | 140 |
| SORG S | 8280 | 0 | 3924 | 462 | 2602 | 19871 | 1227 |
| SOYBEANS | 630352 | 0 | 135408 | 54438 | 251596 | 1403396 | 85550 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 27920 | 0 | 9219 | 1057 | 12275 | 66216 | 4705 |

PRIME FRAGILE:

| | | | | | | | |
|------------|--------|-----|--------|-------|--------|---------|-------|
| BARLEY | 432 | 0 | 114 | 24 | 136 | 832 | 62 |
| CORN G | 22733 | 139 | 15219 | 10036 | 15672 | 120007 | 6751 |
| CORN S | 30065 | 0 | 21649 | 8263 | 14903 | 142742 | 11123 |
| COTTON | 147023 | 67 | 117608 | 78150 | 38676 | 279455 | 42277 |
| HAY L | 8381 | 0 | 2578 | 60 | 2998 | 14534 | 2401 |
| HAY N | 8007 | 0 | 6311 | 142 | 7303 | 35202 | 5709 |
| S FALLOW | 1041 | 0 | 51 | 0 | 261 | 210 | 0 |
| OATS | 2206 | 0 | 1425 | 159 | 1007 | 9568 | 754 |
| SORG G | 1248 | 0 | 307 | 113 | 287 | 2604 | 140 |
| SORG S | 7491 | 0 | 3924 | 462 | 2602 | 19871 | 1227 |
| SOYBEANS | 534215 | 0 | 136607 | 52229 | 254494 | 1402512 | 85134 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 20837 | 0 | 8681 | 981 | 11593 | 62748 | 4504 |

TABLE 17.7 (CONTINUED)

| | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|-------------------------|---------|-------|--------|--------|----------|---------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| BARLEY | 466 | 0 | 114 | 24 | 136 | 832 | 62 |
| CORN G | 25221 | 138 | 15235 | 10038 | 15680 | 120122 | 6754 |
| CORN S | 28253 | 0 | 23285 | 14267 | 14069 | 146969 | 10897 |
| COTTON | 153325 | 55 | 117529 | 78188 | 38612 | 278977 | 42301 |
| HAY L | 8776 | 0 | 2584 | 60 | 3003 | 14586 | 2407 |
| HAY N | 9294 | 0 | 6531 | 146 | 7537 | 36520 | 5395 |
| S FALLDW | 1122 | 0 | 51 | 0 | 261 | 210 | 0 |
| DATS | 1433 | 0 | 1425 | 159 | 975 | 9568 | 754 |
| SDRG G | 1317 | 0 | 307 | 113 | 287 | 2604 | 140 |
| SDRG S | 7878 | 0 | 3924 | 462 | 2602 | 19871 | 1227 |
| SOYBEANS | 575081 | 0 | 135364 | 54348 | 250790 | 1398264 | 85427 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 24474 | 0 | 9026 | 1030 | 12056 | 64981 | 4631 |
| HIGH EXPORT: | | | | | | | |
| BARLEY | 1499 | 0 | 114 | 24 | 136 | 832 | 62 |
| CORN G | 83776 | 138 | 21164 | 11577 | 21772 | 168616 | 7710 |
| CORN S | 110429 | 0 | 23285 | 14267 | 14069 | 146969 | 10897 |
| COTTON | 313912 | 67 | 132096 | 73109 | 42782 | 310809 | 43984 |
| HAY L | 23087 | 0 | 2909 | 80 | 3339 | 16999 | 2864 |
| HAY N | 57856 | 0 | 8234 | 252 | 10478 | 48529 | 8086 |
| S FALLDW | 3611 | 0 | 51 | 0 | 261 | 210 | 0 |
| DATS | 9354 | 0 | 1916 | 175 | 1378 | 12676 | 971 |
| SDRG G | 3688 | 0 | 315 | 113 | 287 | 2665 | 140 |
| SDRG S | 22205 | 0 | 3924 | 462 | 2602 | 19871 | 1227 |
| SOYBEANS | 1970269 | 0 | 152948 | 62896 | 285496 | 1584346 | 97552 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 106622 | 0 | 11918 | 1441 | 15201 | 83729 | 5651 |
| SOIL LOSS: | | | | | | | |
| BARLEY | 530 | 0 | 114 | 24 | 136 | 832 | 62 |
| CORN G | 22575 | 138 | 15113 | 10033 | 15665 | 119266 | 6748 |
| CORN S | 26283 | 0 | 23285 | 14267 | 14069 | 146969 | 10897 |
| COTTON | 141503 | 67 | 114885 | 100990 | 39095 | 271843 | 41045 |
| HAY L | 88 | 0 | 3253 | 70 | 3684 | 18132 | 2894 |
| HAY N | 1612 | 0 | 7004 | 155 | 8035 | 38898 | 6220 |
| S FALLDW | 1277 | 0 | 51 | 0 | 261 | 210 | 0 |
| DATS | 1304 | 0 | 3615 | 265 | 3423 | 23018 | 1551 |
| SDRG G | 1369 | 0 | 315 | 113 | 287 | 2665 | 140 |
| SDRG S | 6998 | 0 | 3924 | 462 | 2602 | 19871 | 1227 |
| SOYBEANS | 674016 | 0 | 132462 | 54063 | 244111 | 1378291 | 84854 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 13022 | 0 | 5441 | 519 | 7962 | 41889 | 3275 |

CHAPTER 18. ZONE 3

Note: There are no tables 3, 5, and 8 in this chapter because irrigation activity is not defined in the model for this geographical area.

TABLE 18.1 LAND USE (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN ZONE 3

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXOG USED | TOT USED |
|-----------------------|-----------|---------|---------|----------|----------|-----------|----------|
| TREND: | | | | | | | |
| LC 1-0 | 3890 | 181 | 0 | 2103 | 0 | 154 | 2257 |
| LC 2-0 | 1655 | 0 | 0 | 1576 | 0 | 79 | 1655 |
| LC 3-0 | 676 | 0 | 0 | 620 | 0 | 56 | 676 |
| LC 4-0 | 935 | 0 | 0 | 900 | 0 | 35 | 935 |
| LC 5-0 | 649 | 0 | 0 | 594 | 0 | 55 | 649 |
| LC 6-0 | 462 | 0 | 0 | 104 | 0 | 17 | 121 |
| LC 7-0 | 90 | 0 | 0 | 54 | 0 | 6 | 59 |
| LC 8-0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 322 | 0 | 0 | 0 | 0 | 10 | 10 |
| LC 1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST D | 1915 | -248 | 0 | 1915 | 0 | 0 | 1915 |
| PAST I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 7805 | 181 | 0 | 5792 | 0 | 380 | 6172 |
| LC 6 TO 9 | 876 | 0 | 0 | 158 | 0 | 33 | 191 |
| TOT CRPLND | 8681 | 181 | 0 | 5950 | 0 | 413 | 6363 |
| PRIME LANDS: | | | | | | | |
| LC 1-0 | 3897 | 161 | 0 | 1969 | 0 | 154 | 2123 |
| LC 2-0 | 1735 | 0 | 0 | 1655 | 0 | 79 | 1735 |
| LC 3-0 | 717 | 0 | 0 | 661 | 0 | 56 | 717 |
| LC 4-0 | 902 | 0 | 0 | 867 | 0 | 35 | 902 |
| LC 5-0 | 621 | 0 | 0 | 566 | 0 | 55 | 621 |
| LC 6-0 | 446 | 0 | 0 | 101 | 0 | 17 | 118 |
| LC 7-0 | 86 | 0 | 0 | 0 | 0 | 6 | 6 |
| LC 8-0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 311 | 0 | 0 | 0 | 0 | 10 | 10 |
| LC 1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST D | 19205 | -191 | 0 | 19205 | 0 | 0 | 19205 |
| PAST I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 7873 | 161 | 0 | 5719 | 0 | 380 | 6099 |
| LC 6 TO 9 | 845 | 0 | 0 | 101 | 0 | 33 | 134 |
| TOT CRPLND | 8718 | 161 | 0 | 5820 | 0 | 413 | 6233 |
| FRAGILE: | | | | | | | |
| LC 1-0 | 3890 | 181 | 0 | 3338 | 0 | 154 | 3492 |
| LC 2-0 | 1653 | 0 | 0 | 1574 | 0 | 79 | 1653 |
| LC 3-0 | 675 | 0 | 0 | 619 | 0 | 56 | 675 |
| LC 4-0 | 934 | 0 | 0 | 899 | 0 | 35 | 934 |
| LC 5-0 | 648 | 0 | 0 | 593 | 0 | 55 | 648 |
| LC 6-0 | 452 | 0 | 0 | 102 | 0 | 17 | 119 |
| LC 7-0 | 90 | 0 | 0 | 53 | 0 | 6 | 59 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 10 | 0 | 0 | 0 | 0 | 10 | 10 |
| LC 1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST D | 19531 | -248 | 0 | 19531 | 0 | 0 | 19531 |
| PAST I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 7799 | 181 | 0 | 7022 | 0 | 380 | 7402 |
| LC 6 TO 9 | 552 | 0 | 0 | 156 | 0 | 33 | 189 |
| TOT CRPLND | 8352 | 181 | 0 | 7178 | 0 | 413 | 7591 |
| PRIME-FRAGILE: | | | | | | | |
| LC 1-0 | 3917 | 181 | 0 | 2052 | 0 | 154 | 2206 |
| LC 2-0 | 1735 | 0 | 0 | 1655 | 0 | 79 | 1735 |
| LC 3-0 | 717 | 0 | 0 | 661 | 0 | 56 | 717 |
| LC 4-0 | 896 | 0 | 0 | 860 | 0 | 35 | 896 |
| LC 5-0 | 618 | 0 | 0 | 563 | 0 | 55 | 618 |
| LC 6-0 | 433 | 0 | 0 | 99 | 0 | 17 | 116 |
| LC 7-0 | 86 | 0 | 0 | 51 | 0 | 6 | 56 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 10 | 0 | 0 | 0 | 0 | 10 | 10 |
| LC 1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST D | 19524 | -248 | 0 | 19524 | 0 | 0 | 19524 |
| PAST I | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 7883 | 181 | 0 | 5791 | 0 | 380 | 6171 |
| LC 6 TO 9 | 529 | 0 | 0 | 149 | 0 | 33 | 182 |
| TOT CRPLND | 8412 | 181 | 0 | 5940 | 0 | 413 | 6353 |

TABLE 18.1 (CONTINUED)

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXOGEN USED | TOT USED |
|--------------------------------|-----------|---------|---------|----------|----------|-------------|----------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| LC 1-0 | 3886 | 181 | 0 | 2088 | 0 | 154 | 2242 |
| LC 2-0 | 1646 | 0 | 0 | 1567 | 0 | 79 | 1646 |
| LC 3-0 | 671 | 0 | 0 | 615 | 0 | 56 | 671 |
| LC 4-0 | 930 | 0 | 0 | 895 | 0 | 35 | 930 |
| LC 5-0 | 644 | 0 | 0 | 589 | 0 | 55 | 644 |
| LC 6-0 | 454 | 0 | 0 | 104 | 0 | 17 | 121 |
| LC 7-0 | 90 | 0 | 0 | 53 | 0 | 6 | 58 |
| LC 8-0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 320 | 0 | 0 | 0 | 0 | 10 | 10 |
| LC 1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 19144 | -245 | 0 | 19144 | 0 | 0 | 19144 |
| PAST 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 7778 | 181 | 0 | 5754 | 0 | 380 | 6134 |
| LC 6 TO 9 | 871 | 0 | 0 | 156 | 0 | 33 | 189 |
| TOT CRPLND | 8649 | 181 | 0 | 5910 | 0 | 413 | 6323 |
| HIGH EXPORT: | | | | | | | |
| LC 1-0 | 3995 | 286 | 0 | 3841 | 0 | 154 | 3445 |
| LC 2-0 | 1655 | 0 | 0 | 1576 | 0 | 79 | 1655 |
| LC 3-0 | 676 | 0 | 0 | 620 | 0 | 56 | 676 |
| LC 4-0 | 935 | 0 | 0 | 900 | 0 | 35 | 935 |
| LC 5-0 | 649 | 0 | 0 | 594 | 0 | 55 | 649 |
| LC 6-0 | 462 | 0 | 0 | 445 | 0 | 17 | 462 |
| LC 7-0 | 90 | 0 | 0 | 65 | 0 | 6 | 90 |
| LC 8-0 | 2 | 0 | 0 | 2 | 0 | 0 | 2 |
| LC 9-0 | 322 | 0 | 0 | 270 | 0 | 10 | 281 |
| LC 1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 19020 | -379 | 0 | 19020 | 0 | 0 | 19020 |
| PAST 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 7909 | 286 | 0 | 7530 | 0 | 380 | 7909 |
| LC 6 TO 9 | 876 | 0 | 0 | 802 | 0 | 33 | 835 |
| TOT CRPLND | 8785 | 286 | 0 | 8331 | 0 | 413 | 8744 |
| SOIL LOSS: | | | | | | | |
| LC 1-0 | 3890 | 181 | 0 | 2579 | 0 | 154 | 2733 |
| LC 2-0 | 1655 | 0 | 0 | 1576 | 0 | 79 | 1655 |
| LC 3-0 | 676 | 0 | 0 | 620 | 0 | 56 | 676 |
| LC 4-0 | 935 | 0 | 0 | 900 | 0 | 35 | 935 |
| LC 5-0 | 649 | 0 | 0 | 594 | 0 | 55 | 649 |
| LC 6-0 | 462 | 0 | 0 | 104 | 0 | 17 | 121 |
| LC 7-0 | 90 | 0 | 0 | 37 | 0 | 6 | 40 |
| LC 8-0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 322 | 0 | 0 | 0 | 0 | 10 | 10 |
| LC 1-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 19151 | -248 | 0 | 19151 | 0 | 0 | 19151 |
| PAST 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1 TO 5 | 7805 | 181 | 0 | 6268 | 0 | 380 | 6648 |
| LC 6 TO 9 | 676 | 0 | 0 | 139 | 0 | 33 | 172 |
| TOT CRPLND | 8681 | 181 | 0 | 6407 | 0 | 413 | 6819 |

TABLE 18.2 DRYLAND CROP ACREAGES (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN ZONE 3

| TREND: | LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEAN | SGRBEET | WHEAT |
|----------------|------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|---------|---------|-------|
| TREND: | 1 | 484 | 211 | 252 | 0 | 112 | 318 | 0 | 163 | 0 | 0 | 0 | 446 | 0 | 31 |
| | 2 | 526 | 129 | 0 | 0 | 0 | 0 | 0 | 80 | 0 | 0 | 0 | 577 | 0 | 126 |
| | 3 | 45 | 102 | 11 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 217 | 0 | 91 |
| | 4 | 0 | 149 | 0 | 0 | 0 | 472 | 0 | 0 | 0 | 0 | 0 | 177 | 0 | 102 |
| | 5 | 0 | 140 | 0 | 0 | 204 | 38 | 0 | 0 | 0 | 0 | 0 | 96 | 0 | 87 |
| | 6 | 0 | 0 | 6 | 0 | 8 | 92 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 |
| | 7 | 0 | 10 | 0 | 0 | 0 | 14 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 19 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18904 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | 1 | 420 | 184 | 233 | 0 | 97 | 270 | 0 | 182 | 0 | 0 | 0 | 461 | 0 | 31 |
| | 2 | 496 | 182 | 0 | 0 | 0 | 81 | 0 | 80 | 0 | 0 | 0 | 575 | 0 | 90 |
| | 3 | 60 | 108 | 3 | 0 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 246 | 0 | 82 |
| | 4 | 0 | 143 | 0 | 0 | 0 | 454 | 0 | 0 | 0 | 0 | 0 | 170 | 0 | 99 |
| | 5 | 0 | 103 | 0 | 0 | 220 | 14 | 0 | 0 | 0 | 0 | 0 | 92 | 0 | 144 |
| | 6 | 0 | 0 | 5 | 0 | 7 | 89 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19013 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | 1 | 1663 | 227 | 252 | 0 | 112 | 315 | 0 | 163 | 0 | 0 | 0 | 489 | 0 | 31 |
| | 2 | 20 | 257 | 0 | 0 | 0 | 0 | 0 | 80 | 0 | 0 | 0 | 576 | 0 | 486 |
| | 3 | 0 | 102 | 11 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 217 | 0 | 135 |
| | 4 | 0 | 59 | 0 | 0 | 158 | 266 | 0 | 0 | 0 | 0 | 0 | 197 | 0 | 212 |
| | 5 | 0 | 109 | 0 | 0 | 63 | 199 | 0 | 0 | 0 | 0 | 0 | 97 | 0 | 149 |
| | 6 | 0 | 0 | 5 | 0 | 8 | 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| | 7 | 0 | 10 | 0 | 0 | 0 | 14 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 19 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19283 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | 1 | 417 | 208 | 264 | 0 | 102 | 296 | 0 | 182 | 0 | 0 | 0 | 461 | 0 | 31 |
| | 2 | 544 | 182 | 0 | 0 | 3 | 0 | 0 | 80 | 0 | 0 | 0 | 607 | 0 | 75 |
| | 3 | 32 | 117 | 0 | 0 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 240 | 0 | 110 |
| | 4 | 0 | 142 | 0 | 0 | 118 | 327 | 0 | 0 | 0 | 0 | 0 | 171 | 0 | 98 |
| | 5 | 0 | 97 | 0 | 0 | 84 | 148 | 0 | 0 | 0 | 0 | 0 | 88 | 0 | 159 |
| | 6 | 0 | 2 | 2 | 0 | 2 | 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 |
| | 7 | 0 | 10 | 0 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 16 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19277 | 0 | 0 | 0 | 0 | 0 |

TABLE 18.2 (CONTINUED)

| LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEANS | SGRBEET | WHEAT |
|--------------------------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|----------|---------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | | |
| 1 | 463 | 207 | 251 | 0 | 114 | 328 | 0 | 163 | 0 | 0 | 0 | 444 | 0 | 31 |
| 2 | 522 | 130 | 0 | 0 | 0 | 0 | 0 | 80 | 0 | 0 | 0 | 574 | 0 | 126 |
| 3 | 44 | 100 | 12 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 215 | 0 | 91 |
| 4 | 0 | 148 | 0 | 0 | 0 | 479 | 0 | 0 | 0 | 0 | 0 | 176 | 0 | 101 |
| 5 | 0 | 139 | 0 | 0 | 203 | 38 | 0 | 0 | 0 | 0 | 0 | 95 | 0 | 84 |
| 6 | 0 | 0 | 6 | 0 | 8 | 91 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| 7 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 4 | 0 | 18 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18899 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | | |
| 1 | 1766 | 399 | 342 | 0 | 56 | 131 | 0 | 79 | 0 | 0 | 0 | 806 | 0 | 161 |
| 2 | 0 | 217 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 652 | 0 | 567 |
| 3 | 0 | 123 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 216 | 0 | 136 |
| 4 | 0 | 149 | 0 | 0 | 0 | 466 | 0 | 0 | 0 | 0 | 0 | 178 | 0 | 102 |
| 5 | 0 | 144 | 27 | 0 | 158 | 36 | 0 | 0 | 0 | 0 | 0 | 108 | 0 | 69 |
| 6 | 0 | 22 | 4 | 0 | 17 | 183 | 0 | 33 | 0 | 0 | 0 | 75 | 0 | 89 |
| 7 | 0 | 26 | 0 | 0 | 0 | 2 | 0 | 32 | 0 | 0 | 0 | 3 | 0 | 19 |
| 8 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 40 | 0 | 0 | 129 | 64 | 0 | 32 | 12641 | 0 | 0 | 0 | 0 | 13 |
| SOIL LOSS: | | | | | | | | | | | | | | |
| 1 | 518 | 106 | 338 | 0 | 135 | 350 | 0 | 182 | 0 | 0 | 0 | 816 | 0 | 31 |
| 2 | 506 | 206 | 41 | 0 | 0 | 0 | 0 | 80 | 0 | 0 | 0 | 559 | 0 | 8 |
| 3 | 54 | 108 | 0 | 0 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 228 | 0 | 82 |
| 4 | 0 | 149 | 0 | 0 | 0 | 483 | 0 | 0 | 0 | 0 | 0 | 176 | 0 | 102 |
| 5 | 0 | 118 | 0 | 0 | 204 | 38 | 0 | 0 | 0 | 0 | 0 | 99 | 0 | 130 |
| 6 | 0 | 9 | 2 | 0 | 8 | 80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 7 | 0 | 10 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18904 | 0 | 0 | 0 | 0 | 0 |

TABLE 18.4 DRYLAND CROP PRODUCTION (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN ZONE 3

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEAN BU | SGRBEET TONS | WHEAT BU |
|------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|---------------|-----------------|-------------|
|------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|---------------|-----------------|-------------|

TREND:

| | | | | | | | | | | | | | |
|---|-------|-------|------|---|-----|------|-------|------|---|---|-------|---|------|
| 1 | 34213 | 22244 | 4610 | 0 | 356 | 673 | 10413 | 0 | 0 | 0 | 23373 | 0 | 1320 |
| 2 | 44222 | 15860 | 0 | 0 | 0 | 0 | 6594 | 0 | 0 | 0 | 26066 | 0 | 7553 |
| 3 | 3610 | 14719 | 190 | 0 | 138 | 0 | 0 | 0 | 0 | 0 | 10867 | 0 | 5078 |
| 4 | 0 | 15494 | 0 | 0 | 0 | 1470 | 0 | 0 | 0 | 0 | 7758 | 0 | 5201 |
| 5 | 0 | 14860 | 0 | 0 | 784 | 102 | 0 | 0 | 0 | 0 | 3877 | 0 | 4127 |
| 6 | 0 | 0 | 82 | 0 | 23 | 228 | 0 | 0 | 0 | 0 | 0 | 0 | 775 |
| 7 | 0 | 1013 | 0 | 0 | 0 | 33 | 872 | 0 | 0 | 0 | 0 | 0 | 774 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4991 | 0 | 0 | 0 | 0 | 0 |

PRIME LANDS:

| | | | | | | | | | | | | | |
|---|-------|-------|------|---|-----|------|-------|------|---|---|-------|---|------|
| 1 | 30182 | 19397 | 4251 | 0 | 309 | 574 | 11640 | 0 | 0 | 0 | 24186 | 0 | 1320 |
| 2 | 41714 | 22729 | 0 | 0 | 0 | 255 | 6594 | 0 | 0 | 0 | 26026 | 0 | 5372 |
| 3 | 4840 | 15546 | 49 | 0 | 134 | 0 | 0 | 0 | 0 | 0 | 12167 | 0 | 4578 |
| 4 | 0 | 14900 | 0 | 0 | 0 | 1441 | 0 | 0 | 0 | 0 | 7444 | 0 | 5038 |
| 5 | 0 | 10855 | 0 | 0 | 843 | 36 | 0 | 0 | 0 | 0 | 3718 | 0 | 6637 |
| 6 | 0 | 0 | 77 | 0 | 22 | 206 | 0 | 0 | 0 | 0 | 0 | 0 | 700 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5014 | 0 | 0 | 0 | 0 | 0 |

FRAGILE:

| | | | | | | | | | | | | | |
|---|--------|-------|------|---|-----|-----|-------|------|---|---|-------|---|-------|
| 1 | 108020 | 24041 | 4625 | 0 | 356 | 667 | 10415 | 0 | 0 | 0 | 24945 | 0 | 1320 |
| 2 | 1663 | 30962 | 0 | 0 | 0 | 0 | 6594 | 0 | 0 | 0 | 27266 | 0 | 29317 |
| 3 | 0 | 14700 | 191 | 0 | 136 | 0 | 0 | 0 | 0 | 0 | 11063 | 0 | 7554 |
| 4 | 0 | 6452 | 0 | 0 | 666 | 626 | 0 | 0 | 0 | 0 | 8666 | 0 | 10891 |
| 5 | 0 | 11397 | 0 | 0 | 165 | 531 | 0 | 0 | 0 | 0 | 3921 | 0 | 7124 |
| 6 | 0 | 0 | 78 | 0 | 22 | 217 | 0 | 0 | 0 | 0 | 0 | 0 | 737 |
| 7 | 0 | 1012 | 0 | 0 | 0 | 33 | 870 | 0 | 0 | 0 | 0 | 0 | 774 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5102 | 0 | 0 | 0 | 0 | 0 |

PRIME-FRAGILE:

| | | | | | | | | | | | | | |
|---|-------|-------|------|---|-----|------|-------|------|---|---|-------|---|------|
| 1 | 30001 | 21828 | 4861 | 0 | 321 | 624 | 11640 | 0 | 0 | 0 | 24186 | 0 | 1320 |
| 2 | 45713 | 22706 | 0 | 0 | 12 | 0 | 6594 | 0 | 0 | 0 | 27435 | 0 | 4477 |
| 3 | 2591 | 16805 | 0 | 0 | 146 | 0 | 0 | 0 | 0 | 0 | 12002 | 0 | 6127 |
| 4 | 0 | 14893 | 0 | 0 | 502 | 1019 | 0 | 0 | 0 | 0 | 7463 | 0 | 5015 |
| 5 | 0 | 10084 | 0 | 0 | 321 | 393 | 0 | 0 | 0 | 0 | 3583 | 0 | 7331 |
| 6 | 0 | 246 | 24 | 0 | 7 | 205 | 0 | 0 | 0 | 0 | 0 | 0 | 747 |
| 7 | 0 | 933 | 0 | 0 | 0 | 41 | 0 | 0 | 0 | 0 | 36 | 0 | 695 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5101 | 0 | 0 | 0 | 0 | 0 |

TABLE 18.4 (CONTINUED)

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|-------------------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | |
| 1 | 32901 | 21785 | 4594 | 0 | 364 | 694 | 10419 | 0 | 0 | 0 | 23278 | 0 | 1320 |
| 2 | 43864 | 15895 | 0 | 0 | 0 | 0 | 6594 | 0 | 0 | 0 | 25915 | 0 | 7524 |
| 3 | 3555 | 14459 | 202 | 0 | 137 | 0 | 0 | 0 | 0 | 0 | 10789 | 0 | 5075 |
| 4 | 0 | 15424 | 0 | 0 | 0 | 1489 | 0 | 0 | 0 | 0 | 7666 | 0 | 5163 |
| 5 | 0 | 14757 | 0 | 0 | 780 | 102 | 0 | 0 | 0 | 0 | 3865 | 0 | 4010 |
| 6 | 0 | 0 | 81 | 0 | 23 | 228 | 0 | 0 | 0 | 0 | 0 | 0 | 774 |
| 7 | 0 | 968 | 0 | 0 | 0 | 0 | 867 | 0 | 0 | 0 | 127 | 0 | 773 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4988 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | |
| 1 | 114744 | 43806 | 5428 | 0 | 189 | 345 | 5748 | 0 | 0 | 0 | 38557 | 0 | 6917 |
| 2 | 0 | 25339 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30924 | 0 | 33117 |
| 3 | 0 | 17458 | 0 | 0 | 75 | 0 | 0 | 0 | 0 | 0 | 11014 | 0 | 7565 |
| 4 | 0 | 15478 | 0 | 0 | 0 | 1454 | 0 | 0 | 0 | 0 | 7789 | 0 | 5205 |
| 5 | 0 | 15753 | 362 | 0 | 605 | 96 | 0 | 0 | 0 | 0 | 4325 | 0 | 3249 |
| 6 | 0 | 1958 | 53 | 0 | 58 | 417 | 2100 | 0 | 0 | 0 | 2549 | 0 | 3470 |
| 7 | 0 | 2130 | 0 | 0 | 0 | 6 | 1645 | 0 | 0 | 0 | 107 | 0 | 782 |
| 8 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 1624 | 0 | 0 | 307 | 105 | 1060 | 4970 | 0 | 0 | 0 | 0 | 285 |
| SOIL LOSS: | | | | | | | | | | | | | |
| 1 | 36318 | 9241 | 5372 | 0 | 435 | 750 | 11640 | 0 | 0 | 0 | 39080 | 0 | 1320 |
| 2 | 42560 | 26077 | 688 | 0 | 0 | 0 | 6577 | 0 | 0 | 0 | 25246 | 0 | 493 |
| 3 | 4362 | 15454 | 0 | 0 | 119 | 0 | 0 | 0 | 0 | 0 | 11278 | 0 | 4561 |
| 4 | 0 | 15525 | 0 | 0 | 0 | 1501 | 0 | 0 | 0 | 0 | 7697 | 0 | 5193 |
| 5 | 0 | 12517 | 0 | 0 | 784 | 102 | 0 | 0 | 0 | 0 | 4023 | 0 | 6224 |
| 6 | 0 | 924 | 23 | 0 | 24 | 202 | 0 | 0 | 0 | 0 | 245 | 0 | 45 |
| 7 | 0 | 1013 | 0 | 0 | 0 | 33 | 0 | 0 | 0 | 0 | 0 | 0 | 50 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4988 | 0 | 0 | 0 | 0 | 0 |

TABLE 18.6 QUANTITIES OF CROP COMMODITIES PRODUCED (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN ZONE 3

| | UNIT | PRODUCED | INTER | CONSUMED | NET EXPORT | |
|--------------------|----------|----------|--------|----------|------------|---------|
| TREND: | CORN | BU | 84188 | 212210 | 33584 | -161606 |
| | SORGHUM | BU | 0 | 7001 | 819 | -7820 |
| | BARLEY | BU | 82045 | 4378 | 11663 | 66004 |
| | OATS | BU | 17878 | 5577 | 5544 | 6758 |
| | WHEAT | BU | 24839 | 1305 | 37240 | -13706 |
| | SOYBEANS | BU | 71,941 | 55,798 | 28,144 | -12,000 |
| | COTTON | BALES | 0 | 0 | 347 | -347 |
| PRIME LANDS: | CORN | BU | 83427 | 212210 | 33584 | -162367 |
| | SORGHUM | BU | 0 | 7001 | 819 | -7820 |
| | BARLEY | BU | 76736 | 4378 | 11663 | 60694 |
| | OATS | BU | 18234 | 5577 | 5544 | 7114 |
| | WHEAT | BU | 23644 | 1305 | 37240 | -14902 |
| | SOYBEANS | BU | 73,541 | 55,798 | 28,144 | -10,401 |
| | COTTON | BALES | 0 | 0 | 347 | -347 |
| FRAGILE: | CORN | BU | 88564 | 212210 | 33584 | -157231 |
| | SORGHUM | BU | 0 | 7001 | 819 | -7820 |
| | BARLEY | BU | 109683 | 4378 | 11663 | 93642 |
| | OATS | BU | 17879 | 5577 | 5544 | 6759 |
| | WHEAT | BU | 56707 | 1305 | 37240 | 18162 |
| | SOYBEANS | BU | 75,861 | 55,798 | 28,144 | -8,080 |
| | COTTON | BALES | 0 | 0 | 347 | -347 |
| PRIME- FRAGILE: | CORN | BU | 87495 | 212210 | 33584 | -158300 |
| | SORGHUM | BU | 0 | 7001 | 819 | -7820 |
| | BARLEY | BU | 78305 | 4378 | 11663 | 62264 |
| | OATS | BU | 18234 | 5577 | 5544 | 7114 |
| | WHEAT | BU | 25711 | 1305 | 37240 | -12634 |
| | SOYBEANS | BU | 74,705 | 55,798 | 28,144 | -9,236 |
| | COTTON | BALES | 0 | 0 | 347 | -347 |
| ENV. CORR. | CORN | BU | 83288 | 212210 | 33584 | -162507 |
| | SORGHUM | BU | 0 | 7001 | 819 | -7820 |
| | BARLEY | BU | 80320 | 4378 | 11663 | 64279 |
| | OATS | BU | 17880 | 5577 | 5544 | 6760 |
| | WHEAT | BU | 24640 | 1305 | 37240 | -13905 |
| | SOYBEANS | BU | 71,640 | 55,798 | 28,144 | -12,302 |
| | COTTON | BALES | 0 | 0 | 347 | -347 |
| HIGH EXPORT: | CORN | BU | 123546 | 212210 | 33584 | -122249 |
| | SORGHUM | BU | 0 | 7001 | 819 | -7820 |
| | BARLEY | BU | 114744 | 4378 | 11663 | 98702 |
| | OATS | BU | 10554 | 5577 | 5544 | -566 |
| | WHEAT | BU | 60591 | 1305 | 37240 | 22046 |
| | SOYBEANS | BU | 95,265 | 55,798 | 28,144 | -11,324 |
| | COTTON | BALES | 0 | 0 | 347 | -347 |
| SOIL LOSS: | CORN | BU | 80751 | 212210 | 33584 | -165044 |
| | SORGHUM | BU | 0 | 7001 | 819 | -7820 |
| | BARLEY | BU | 83240 | 4378 | 11663 | 67198 |
| | OATS | BU | 18217 | 5577 | 5544 | 7097 |
| | WHEAT | BU | 18827 | 1305 | 37240 | -19718 |
| | SOYBEANS | BU | 87,571 | 55,798 | 28,144 | 3,630 |
| | COTTON | BALES | 0 | 0 | 347 | -347 |

TABLE 18.7 RESOURCE USE IN CROP PRODUCTION (THOUSANDS OF DOLLARS) UNDER ALTERNATIVE FUTURES IN ZONE 3

| TREND: | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|------------|-------|-------|-------|------|----------|-------|-------|
| BARLEY | 17756 | 0 | 8349 | 251 | 6273 | 68432 | 2907 |
| CORN G | 11448 | 0 | 6138 | 9226 | 5415 | 42660 | 2972 |
| CORN S | 15436 | 0 | 5979 | 884 | 2387 | 30830 | 1795 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 4054 | 0 | 3286 | 3128 | 4115 | 19693 | 3676 |
| HAY N | 9789 | 0 | 5369 | 4086 | 6691 | 32789 | 6012 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 2110 | 0 | 1561 | 511 | 1569 | 8577 | 461 |
| SORG G | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 20620 | 0 | 4509 | 6035 | 7468 | 40172 | 2184 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 8472 | 0 | 2352 | 3010 | 3188 | 13934 | 863 |

PRIME LANDS:

| | | | | | | | |
|------------|-------|---|------|------|------|-------|------|
| BARLEY | 14790 | 0 | 7910 | 246 | 6065 | 45708 | 2708 |
| CORN G | 10937 | 0 | 5900 | 9355 | 4973 | 41387 | 2960 |
| CORN S | 11236 | 0 | 4872 | 758 | 1889 | 25496 | 1501 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 3563 | 0 | 3263 | 3279 | 4125 | 19443 | 3656 |
| HAY N | 9935 | 0 | 5214 | 4361 | 6553 | 31761 | 5928 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 1515 | 0 | 1636 | 518 | 1644 | 8963 | 480 |
| SORG G | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 18772 | 0 | 4557 | 6136 | 7556 | 40601 | 2209 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 6762 | 0 | 2216 | 2867 | 3018 | 13200 | 835 |

FRAGILE:

| | | | | | | | |
|------------|-------|---|-------|------|------|-------|------|
| BARLEY | 3082 | 0 | 12502 | 301 | 7550 | 74748 | 4934 |
| CORN G | 13646 | 0 | 6392 | 9278 | 5696 | 44229 | 3007 |
| CORN S | 16602 | 0 | 5979 | 884 | 2386 | 30830 | 1795 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 5915 | 0 | 3188 | 2949 | 4008 | 19060 | 3533 |
| HAY N | 8163 | 0 | 5124 | 3822 | 6463 | 31259 | 5754 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 2565 | 0 | 1561 | 511 | 1569 | 8577 | 461 |
| SORG G | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 22183 | 0 | 4602 | 9432 | 9010 | 41101 | 2362 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 20485 | 0 | 4942 | 6979 | 7245 | 30506 | 2297 |

PRIME FRAGILE:

| | | | | | | | |
|------------|-------|---|------|------|------|-------|------|
| BARLEY | 15189 | 0 | 7813 | 244 | 5971 | 45131 | 2669 |
| CORN G | 11584 | 0 | 6352 | 9466 | 5546 | 44144 | 3041 |
| CORN S | 14134 | 0 | 5463 | 827 | 2146 | 28442 | 1663 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 5057 | 0 | 3126 | 3064 | 3893 | 18824 | 3501 |
| HAY N | 7781 | 0 | 5020 | 3854 | 6318 | 30821 | 5722 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 1794 | 0 | 1636 | 518 | 1644 | 8963 | 480 |
| SORG G | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 19788 | 0 | 4637 | 6389 | 7705 | 41310 | 2253 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 8118 | 0 | 2526 | 3345 | 3459 | 15006 | 966 |

TABLE 18.7 (CONTINUED)

| | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|-------------------------|-------|-------|-------|-------|----------|-------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| BARLEY | 17560 | 0 | 8162 | 249 | 6170 | 47277 | 2823 |
| CORN G | 11307 | 0 | 6071 | 9151 | 5351 | 42236 | 2953 |
| CORN S | 15397 | 0 | 5979 | 884 | 2387 | 30830 | 1795 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 4041 | 0 | 3297 | 3113 | 4130 | 19753 | 3686 |
| HAY N | 9721 | 0 | 5413 | 4065 | 6751 | 33054 | 5053 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 2097 | 0 | 1561 | 511 | 1569 | 8579 | 461 |
| SORG G | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 20497 | 0 | 4485 | 6017 | 7430 | 39957 | 2173 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 8385 | 0 | 2331 | 2977 | 3159 | 13828 | 858 |
| HIGH EXPORT: | | | | | | | |
| BARLEY | 69409 | 0 | 13134 | 317 | 7912 | 78524 | 5183 |
| CORN G | 65146 | 0 | 10119 | 13128 | 9605 | 68821 | 4400 |
| CORN S | 30306 | 0 | 6892 | 1048 | 3394 | 37673 | 2171 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 13437 | 0 | 3194 | 3851 | 4150 | 19666 | 3824 |
| HAY N | 41027 | 0 | 5255 | 5489 | 6518 | 32734 | 6206 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 4130 | 0 | 1195 | 398 | 1171 | 7963 | 477 |
| SORG G | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 79690 | 0 | 6968 | 11356 | 11564 | 62639 | 3490 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 65254 | 0 | 5910 | 7160 | 8433 | 36738 | 2754 |
| SOIL LOSS: | | | | | | | |
| BARLEY | 18302 | 0 | 8584 | 253 | 6401 | 49893 | 3014 |
| CORN G | 14936 | 0 | 5855 | 10116 | 4572 | 41637 | 3086 |
| CORN S | 9435 | 0 | 6455 | 988 | 3172 | 35369 | 2041 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 4448 | 0 | 3456 | 3029 | 4372 | 20417 | 3806 |
| HAY N | 11184 | 0 | 5545 | 4535 | 7142 | 33482 | 6208 |
| S FALLOW | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OATS | 1798 | 0 | 1635 | 517 | 1643 | 8959 | 480 |
| SORG G | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 27110 | 0 | 6742 | 7067 | 10680 | 60618 | 3231 |
| SUGAR BEET | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| WHEAT | 6907 | 0 | 1895 | 2414 | 2539 | 11307 | 729 |

CHAPTER 19. ZONE 4

Note: Dryland crop acreage in table 2 of this chapter includes the acreage on land that could have been irrigated.

TABLE 19.1 LAND USE (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN ZONE 4

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXO G USED | TOT USED |
|-----------------------|-----------|---------|---------|----------|----------|------------|----------|
| TREND: | | | | | | | |
| LC 1-0 | 33484 | 159 | -4 | 27995 | 0 | 1294 | 29290 |
| LC 2-0 | 921 | 0 | 0 | 905 | 0 | 17 | 921 |
| LC 3-0 | 1131 | 0 | 0 | 1111 | 0 | 20 | 1131 |
| LC 4-0 | 996 | 0 | 0 | 779 | 0 | 15 | 794 |
| LC 5-0 | 249 | 0 | 0 | 104 | 0 | 4 | 109 |
| LC 6-0 | 1008 | 0 | 0 | 951 | 0 | 10 | 961 |
| LC 7-0 | 40 | 0 | 0 | 17 | 0 | 1 | 17 |
| LC 8-0 | 18 | 0 | 0 | 9 | 0 | 0 | 10 |
| LC 9-0 | 204 | 0 | 0 | 154 | 0 | 2 | 156 |
| LC 1-1 | 10350 | 0 | 4 | 3497 | 5594 | 1086 | 10177 |
| LC 2-1 | 56 | 0 | 0 | 53 | 2 | 1 | 56 |
| LC 3-1 | 132 | 0 | 0 | 120 | 10 | 2 | 132 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 6 | 0 | 0 | 0 | 5 | 1 | 6 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 213887 | -228 | 0 | 213887 | 0 | 0 | 213887 |
| PAST 1 | 490 | 0 | 0 | 459 | 30 | 0 | 490 |
| LC 1 TO 5 | 47325 | 159 | -1 | 34563 | 5612 | 2440 | 42615 |
| LC 6 TO 9 | 1271 | 0 | 0 | 1131 | 0 | 13 | 1145 |
| TOT CRPLND | 48595 | 159 | -1 | 35694 | 5612 | 2453 | 43759 |
| PRIME LANDS: | | | | | | | |
| LC 1-0 | 33494 | 159 | -4 | 28009 | 0 | 1294 | 29303 |
| LC 2-0 | 940 | 0 | 0 | 924 | 0 | 17 | 940 |
| LC 3-0 | 1151 | 0 | 0 | 1131 | 0 | 20 | 1151 |
| LC 4-0 | 989 | 0 | 0 | 777 | 0 | 15 | 792 |
| LC 5-0 | 245 | 0 | 0 | 104 | 0 | 4 | 108 |
| LC 6-0 | 1004 | 0 | 0 | 949 | 0 | 10 | 959 |
| LC 7-0 | 39 | 0 | 0 | 17 | 0 | 1 | 17 |
| LC 8-0 | 18 | 0 | 0 | 9 | 0 | 0 | 10 |
| LC 9-0 | 203 | 0 | 0 | 153 | 0 | 2 | 155 |
| LC 1-1 | 10351 | 0 | 4 | 3497 | 5595 | 1086 | 10178 |
| LC 2-1 | 57 | 0 | 0 | 54 | 2 | 1 | 57 |
| LC 3-1 | 135 | 0 | 0 | 123 | 10 | 2 | 135 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 5 | 0 | 0 | 0 | 5 | 1 | 5 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 213895 | -228 | 0 | 213895 | 0 | 0 | 213895 |
| PAST 1 | 490 | 0 | 0 | 459 | 30 | 0 | 490 |
| LC 1 TO 5 | 47367 | 159 | -1 | 34617 | 5612 | 2440 | 42670 |
| LC 6 TO 9 | 1264 | 0 | 0 | 1128 | 0 | 13 | 1141 |
| TOT CRPLND | 48632 | 159 | -1 | 35745 | 5612 | 2453 | 43811 |
| FRAGILE: | | | | | | | |
| LC 1-0 | 33480 | 159 | -4 | 28117 | 0 | 1294 | 29411 |
| LC 2-0 | 918 | 0 | 0 | 901 | 0 | 17 | 918 |
| LC 3-0 | 1126 | 0 | 0 | 1106 | 0 | 20 | 1126 |
| LC 4-0 | 991 | 0 | 0 | 773 | 0 | 15 | 788 |
| LC 5-0 | 248 | 0 | 0 | 104 | 0 | 4 | 108 |
| LC 6-0 | 572 | 0 | 0 | 516 | 0 | 10 | 526 |
| LC 7-0 | 40 | 0 | 0 | 17 | 0 | 1 | 17 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| LC 1-1 | 10350 | 0 | 4 | 3497 | 5594 | 1086 | 10177 |
| LC 2-1 | 58 | 0 | 0 | 54 | 2 | 1 | 58 |
| LC 3-1 | 136 | 0 | 0 | 104 | 30 | 2 | 136 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 6 | 0 | 0 | 0 | 5 | 1 | 6 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 214559 | -228 | 0 | 214559 | 0 | 0 | 214559 |
| PAST 1 | 490 | 0 | 0 | 459 | 30 | 0 | 490 |
| LC 1 TO 5 | 47312 | 159 | -1 | 34657 | 5631 | 2440 | 42727 |
| LC 6 TO 9 | 615 | 0 | 0 | 532 | 0 | 13 | 545 |
| TOT CRPLND | 47927 | 159 | -1 | 35189 | 5631 | 2453 | 43273 |
| PRIME-FRAGILE: | | | | | | | |
| LC 1-0 | 34631 | 159 | -4 | 29044 | 0 | 1294 | 30338 |
| LC 2-0 | 947 | 0 | 0 | 931 | 0 | 17 | 947 |
| LC 3-0 | 1162 | 0 | 0 | 1142 | 0 | 20 | 1162 |
| LC 4-0 | 1002 | 0 | 0 | 790 | 0 | 15 | 805 |
| LC 5-0 | 246 | 0 | 0 | 103 | 0 | 4 | 108 |
| LC 6-0 | 569 | 0 | 0 | 514 | 0 | 10 | 524 |
| LC 7-0 | 40 | 0 | 0 | 17 | 0 | 1 | 18 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 2 | 0 | 0 | 0 | 0 | 0 | 2 |
| LC 1-1 | 10351 | 0 | 4 | 3495 | 5515 | 1086 | 10097 |
| LC 2-1 | 58 | 0 | 0 | 54 | 2 | 1 | 58 |
| LC 3-1 | 136 | 0 | 0 | 124 | 10 | 2 | 136 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 5 | 0 | 0 | 0 | 5 | 1 | 5 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 214566 | -228 | 0 | 214566 | 0 | 0 | 214566 |
| PAST 1 | 490 | 0 | 0 | 459 | 30 | 0 | 490 |
| LC 1 TO 5 | 48539 | 159 | -1 | 35683 | 5533 | 2440 | 43657 |
| LC 6 TO 9 | 612 | 0 | 0 | 532 | 0 | 13 | 545 |
| TOT CRPLND | 49151 | 159 | -1 | 36215 | 5533 | 2453 | 44201 |

TABLE 19.1 (CONTINUED)

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXOG USED | TOT USED |
|--------------------------------|-----------|---------|---------|----------|----------|-----------|----------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| LC 1-0 | 33482 | 159 | -4 | 27997 | 0 | 1294 | 29291 |
| LC 2-0 | 920 | 0 | 0 | 903 | 0 | 17 | 920 |
| LC 3-0 | 1130 | 0 | 0 | 1109 | 0 | 20 | 1130 |
| LC 4-0 | 995 | 0 | 0 | 779 | 0 | 15 | 794 |
| LC 5-0 | 248 | 0 | 0 | 104 | 0 | 4 | 109 |
| LC 6-0 | 1008 | 0 | 0 | 951 | 0 | 10 | 961 |
| LC 7-0 | 40 | 0 | 0 | 17 | 0 | 1 | 18 |
| LC 8-0 | 18 | 0 | 0 | 9 | 0 | 0 | 10 |
| LC 9-0 | 204 | 0 | 0 | 154 | 0 | 2 | 156 |
| LC 1-1 | 10350 | 0 | 0 | 3497 | 559 | 1086 | 10177 |
| LC 2-1 | 57 | 0 | 0 | 54 | 2 | 1 | 57 |
| LC 3-1 | 134 | 0 | 0 | 122 | 10 | 2 | 134 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 6 | 0 | 0 | 0 | 5 | 1 | 6 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 213885 | -228 | 0 | 213885 | 0 | 0 | 213885 |
| PAST 1 | 490 | 0 | 0 | 459 | 30 | 0 | 490 |
| LC 1 TO 5 | 47322 | 159 | 0 | 34565 | 5611 | 2440 | 42617 |
| LC 6 TO 9 | 1270 | 0 | 0 | 1131 | 0 | 13 | 1144 |
| TOT CRPLND | 48592 | 159 | 0 | 35697 | 5611 | 2453 | 43761 |
| HIGH EXPORT: | | | | | | | |
| LC 1-0 | 34481 | 1156 | -4 | 33071 | 0 | 1294 | 34365 |
| LC 2-0 | 921 | 0 | 0 | 905 | 0 | 17 | 921 |
| LC 3-0 | 1131 | 0 | 0 | 1111 | 0 | 20 | 1131 |
| LC 4-0 | 996 | 0 | 0 | 781 | 0 | 15 | 796 |
| LC 5-0 | 249 | 0 | 0 | 244 | 0 | 4 | 249 |
| LC 6-0 | 1008 | 0 | 0 | 998 | 0 | 10 | 1008 |
| LC 7-0 | 40 | 0 | 0 | 34 | 0 | 1 | 40 |
| LC 8-0 | 18 | 0 | 0 | 9 | 0 | 0 | 10 |
| LC 9-0 | 204 | 0 | 0 | 154 | 0 | 2 | 156 |
| LC 1-1 | 10350 | 0 | 0 | 3500 | 570 | 1086 | 10289 |
| LC 2-1 | 56 | 0 | 0 | 53 | 2 | 1 | 56 |
| LC 3-1 | 132 | 0 | 0 | 120 | 10 | 2 | 132 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 6 | 0 | 0 | 0 | 5 | 1 | 6 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 212863 | -1253 | 0 | 212863 | 0 | 0 | 212863 |
| PAST 1 | 490 | 0 | 0 | 459 | 30 | 0 | 490 |
| LC 1 TO 5 | 48321 | 1156 | 0 | 39965 | 5720 | 2440 | 48145 |
| LC 6 TO 9 | 1271 | 0 | 0 | 1200 | 0 | 13 | 1214 |
| TOT CRPLND | 49592 | 1156 | 0 | 41185 | 5720 | 2453 | 49358 |
| SOIL LOSS: | | | | | | | |
| LC 1-0 | 33484 | 159 | -4 | 27992 | 0 | 1294 | 29287 |
| LC 2-0 | 921 | 0 | 0 | 905 | 0 | 17 | 921 |
| LC 3-0 | 1131 | 0 | 0 | 1111 | 0 | 20 | 1131 |
| LC 4-0 | 996 | 0 | 0 | 779 | 0 | 15 | 794 |
| LC 5-0 | 249 | 0 | 0 | 104 | 0 | 4 | 109 |
| LC 6-0 | 1008 | 0 | 0 | 951 | 0 | 10 | 961 |
| LC 7-0 | 40 | 0 | 0 | 17 | 0 | 1 | 17 |
| LC 8-0 | 18 | 0 | 0 | 9 | 0 | 0 | 10 |
| LC 9-0 | 204 | 0 | 0 | 154 | 0 | 2 | 156 |
| LC 1-1 | 10350 | 0 | 0 | 4498 | 555 | 1086 | 10236 |
| LC 2-1 | 56 | 0 | 0 | 53 | 2 | 1 | 56 |
| LC 3-1 | 132 | 0 | 0 | 120 | 10 | 2 | 132 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 6 | 0 | 0 | 0 | 5 | 1 | 6 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 213887 | -228 | 0 | 213887 | 0 | 0 | 213887 |
| PAST 1 | 490 | 0 | 0 | 459 | 30 | 0 | 490 |
| LC 1 TO 5 | 47325 | 159 | 0 | 34561 | 5670 | 2440 | 42671 |
| LC 6 TO 9 | 1271 | 0 | 0 | 1131 | 0 | 13 | 1145 |
| TOT CRPLND | 48595 | 159 | 0 | 35692 | 5670 | 2453 | 43815 |

TABLE 19.2 DRYLAND CROP ACREAGES (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN ZONE 4

| TREND: | LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEAN | SGRBEET | WHEAT |
|----------------|------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|---------|---------|-------|
| | 1 | 796 | 24 | 94 | 1581 | 1592 | 788 | 0 | 1079 | 0 | 14086 | 41 | 1365 | 0 | 9918 |
| | 2 | 116 | 0 | 0 | 0 | 273 | 65 | 0 | 0 | 0 | 51 | 29 | 112 | 0 | 247 |
| | 3 | 0 | 0 | 0 | 0 | 1146 | 136 | 0 | 0 | 0 | 0 | 0 | 236 | 0 | 410 |
| | 4 | 0 | 0 | 0 | 0 | 473 | 100 | 0 | 34 | 0 | 0 | 0 | 0 | 0 | 321 |
| | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 10 | 0 | 0 | 0 | 101 |
| | 6 | 0 | 0 | 0 | 0 | 0 | 528 | 0 | 198 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 61 | 0 | 45 | 214122 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | 1 | 807 | 17 | 96 | 1542 | 1644 | 791 | 0 | 1047 | 0 | 14662 | 41 | 1376 | 0 | 9354 |
| | 2 | 116 | 0 | 0 | 0 | 274 | 70 | 0 | 0 | 0 | 51 | 29 | 120 | 0 | 253 |
| | 3 | 0 | 0 | 0 | 0 | 1154 | 0 | 0 | 0 | 0 | 0 | 0 | 419 | 0 | 368 |
| | 4 | 0 | 0 | 0 | 0 | 450 | 125 | 0 | 43 | 0 | 0 | 0 | 0 | 0 | 305 |
| | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 8 | 0 | 0 | 0 | 104 |
| | 6 | 0 | 0 | 0 | 0 | 0 | 525 | 0 | 197 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 11 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 52 | 0 | 45 | 214130 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | 1 | 530 | 17 | 93 | 1581 | 2149 | 790 | 0 | 988 | 0 | 14495 | 41 | 1371 | 0 | 9489 |
| | 2 | 118 | 0 | 0 | 0 | 271 | 14 | 0 | 0 | 0 | 51 | 30 | 110 | 0 | 257 |
| | 3 | 0 | 0 | 0 | 0 | 1131 | 33 | 0 | 0 | 0 | 0 | 0 | 416 | 0 | 323 |
| | 4 | 0 | 0 | 0 | 0 | 327 | 270 | 0 | 93 | 0 | 0 | 0 | 0 | 0 | 221 |
| | 5 | 0 | 7 | 0 | 0 | 0 | 87 | 6 | 8 | 0 | 10 | 0 | 0 | 0 | 62 |
| | 6 | 0 | 0 | 0 | 0 | 0 | 280 | 0 | 105 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 214806 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | 1 | 632 | 17 | 94 | 1581 | 2057 | 791 | 0 | 914 | 0 | 14382 | 41 | 1385 | 0 | 10548 |
| | 2 | 116 | 0 | 0 | 0 | 278 | 69 | 0 | 0 | 0 | 51 | 29 | 121 | 0 | 257 |
| | 3 | 0 | 0 | 0 | 0 | 1170 | 0 | 0 | 0 | 0 | 0 | 0 | 423 | 0 | 371 |
| | 4 | 0 | 0 | 0 | 0 | 246 | 379 | 0 | 130 | 0 | 0 | 0 | 0 | 0 | 167 |
| | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 10 | 0 | 0 | 0 | 100 |
| | 6 | 0 | 0 | 0 | 0 | 0 | 279 | 0 | 105 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 214811 | 0 | 0 | 0 | 0 | 0 |

TABLE 19.2 (CONTINUED)

| LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEANS | SGRBEET | WHEAT |
|-------------------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|----------|---------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | | |
| 1 | 796 | 32 | 94 | 1581 | 1590 | 791 | 0 | 1061 | 0 | 14197 | 41 | 1363 | 0 | 9825 |
| 2 | 116 | 0 | 0 | 0 | 273 | 65 | 0 | 0 | 0 | 51 | 29 | 111 | 0 | 247 |
| 3 | 0 | 0 | 0 | 0 | 1149 | 110 | 0 | 0 | 0 | 0 | 0 | 280 | 0 | 390 |
| 4 | 0 | 0 | 0 | 0 | 472 | 100 | 0 | 35 | 0 | 0 | 0 | 0 | 0 | 320 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 10 | 0 | 0 | 0 | 101 |
| 6 | 0 | 0 | 0 | 0 | 0 | 527 | 0 | 197 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 62 | 0 | 45 | 214120 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | | |
| 1 | 205 | 0 | 14 | 1571 | 1589 | 855 | 0 | 824 | 0 | 14614 | 41 | 1717 | 0 | 15179 |
| 2 | 0 | 0 | 0 | 0 | 273 | 130 | 0 | 0 | 0 | 0 | 0 | 232 | 0 | 310 |
| 3 | 0 | 0 | 0 | 0 | 1146 | 0 | 0 | 0 | 0 | 0 | 0 | 473 | 0 | 301 |
| 4 | 12 | 0 | 0 | 2 | 478 | 137 | 0 | 34 | 0 | 0 | 52 | 23 | 0 | 337 |
| 5 | 0 | 0 | 0 | 0 | 0 | 45 | 9 | 0 | 0 | 10 | 0 | 75 | 0 | 135 |
| 6 | 17 | 0 | 0 | 0 | 0 | 528 | 0 | 198 | 0 | 10 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 5 | 0 | 7 | 0 | 8 | 0 | 7 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 61 | 0 | 45 | 212074 | 0 | 0 | 0 | 0 | 0 |
| SOIL LOSS: | | | | | | | | | | | | | | |
| 1 | 513 | 36 | 35 | 1537 | 1602 | 786 | 0 | 866 | 0 | 13588 | 41 | 1470 | 0 | 10968 |
| 2 | 225 | 0 | 0 | 0 | 273 | 0 | 0 | 0 | 0 | 51 | 103 | 0 | 0 | 193 |
| 3 | 0 | 0 | 0 | 0 | 1146 | 136 | 0 | 0 | 0 | 0 | 0 | 236 | 0 | 410 |
| 4 | 0 | 0 | 0 | 0 | 471 | 102 | 0 | 35 | 0 | 0 | 0 | 0 | 0 | 319 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 7 | 0 | 0 | 0 | 104 |
| 6 | 0 | 0 | 0 | 0 | 0 | 528 | 0 | 198 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 11 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 77 | 0 | 0 | 214122 | 0 | 0 | 0 | 0 | 0 |

TABLE 19.3 IRRIGATED CROP ACREAGES (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN ZONE 4

| | LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEAN | SGRBEET | WHEAT |
|----------------|------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|---------|---------|-------|
| TREND: | 10 | 8 | 667 | 122 | 674 | 235 | 264 | 0 | 3 | 0 | 1119 | 1384 | 847 | 255 | 0 |
| | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 |
| | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | 10 | 8 | 641 | 122 | 713 | 235 | 465 | 0 | 3 | 0 | 905 | 1384 | 847 | 255 | 0 |
| | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 |
| | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | 10 | 8 | 655 | 122 | 674 | 235 | 424 | 0 | 3 | 0 | 959 | 1384 | 847 | 254 | 0 |
| | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 12 | 3 | 0 | 0 | 0 | 10 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 8 | 0 |
| | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 |
| | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | 10 | 8 | 687 | 122 | 674 | 235 | 270 | 0 | 3 | 0 | 1014 | 1384 | 847 | 255 | 0 |
| | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 |
| | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE 19.3 (CONTINUED)

| LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEANS | SGRBEET | WHEAT |
|--------------------------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|----------|---------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | | |
| 10 | 8 | 666 | 122 | 674 | 235 | 299 | 0 | 3 | 0 | 1084 | 1384 | 847 | 255 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | | |
| 10 | 25 | 549 | 120 | 674 | 235 | 69 | 0 | 3 | 0 | 1563 | 1384 | 847 | 217 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 |
| SOIL LOSS: | | | | | | | | | | | | | | |
| 10 | 8 | 403 | 122 | 718 | 235 | 397 | 0 | 3 | 0 | 1264 | 1384 | 847 | 255 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 |

TABLE 19.4 DRYLAND CROP PRODUCTION (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN ZONE 4

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEAN BU | SGRBEET TONS | WHEAT BU |
|----------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|---------------|-----------------|-------------|
| TREND: | | | | | | | | | | | | | |
| 1 | 31827 | 2130 | 1205 | 1267 | 6265 | 1960 | 51873 | 0 | 678267 | 453 | 42586 | 0 | 301101 |
| 2 | 5143 | 0 | 0 | 0 | 1275 | 175 | 0 | 0 | 1922 | 301 | 3797 | 0 | 9241 |
| 3 | 0 | 0 | 0 | 0 | 5892 | 344 | 0 | 0 | 0 | 0 | 8736 | 0 | 15085 |
| 4 | 0 | 0 | 0 | 0 | 1903 | 241 | 1500 | 0 | 0 | 0 | 0 | 0 | 10700 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 531 | 0 | 0 | 0 | 3676 |
| 6 | 0 | 0 | 0 | 0 | 0 | 1081 | 6082 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 44 | 142 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 126 | 325 | 48536 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | | | | | | | | | | | | | |
| 1 | 32309 | 1563 | 1233 | 1231 | 6457 | 1969 | 50314 | 0 | 705811 | 453 | 43007 | 0 | 283821 |
| 2 | 4929 | 0 | 0 | 0 | 1284 | 189 | 0 | 0 | 1922 | 269 | 4083 | 0 | 9463 |
| 3 | 0 | 0 | 0 | 0 | 5931 | 0 | 0 | 0 | 0 | 0 | 13532 | 0 | 13025 |
| 4 | 0 | 0 | 0 | 0 | 1807 | 303 | 1885 | 0 | 0 | 0 | 0 | 0 | 10163 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 402 | 0 | 0 | 0 | 3789 |
| 6 | 0 | 0 | 0 | 0 | 0 | 1076 | 6054 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 75 | 0 | 0 | 0 | 290 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 127 | 827 | 48536 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | | | | | | | | | | | | | |
| 1 | 20408 | 1582 | 1193 | 1267 | 8357 | 1965 | 47476 | 0 | 697737 | 453 | 42803 | 0 | 287918 |
| 2 | 5231 | 0 | 0 | 0 | 1270 | 37 | 0 | 0 | 1922 | 315 | 3728 | 0 | 10981 |
| 3 | 0 | 0 | 0 | 0 | 5312 | 83 | 0 | 0 | 0 | 0 | 13693 | 0 | 11634 |
| 4 | 0 | 0 | 0 | 0 | 1313 | 653 | 4064 | 0 | 0 | 0 | 0 | 0 | 7384 |
| 5 | 0 | 373 | 0 | 0 | 0 | 172 | 359 | 0 | 545 | 0 | 0 | 0 | 2275 |
| 6 | 0 | 0 | 0 | 0 | 0 | 574 | 3226 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 43 | 139 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 48740 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | | | | | | | | | | | | | |
| 1 | 24787 | 1563 | 1205 | 1267 | 8146 | 1969 | 43950 | 0 | 692033 | 453 | 43343 | 0 | 321109 |
| 2 | 5143 | 0 | 0 | 0 | 1302 | 185 | 0 | 0 | 1922 | 301 | 4077 | 0 | 9597 |
| 3 | 0 | 0 | 0 | 0 | 6011 | 0 | 0 | 0 | 0 | 0 | 13657 | 0 | 13124 |
| 4 | 0 | 0 | 0 | 0 | 990 | 917 | 5705 | 0 | 0 | 0 | 0 | 0 | 5569 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 531 | 0 | 0 | 0 | 3649 |
| 6 | 0 | 0 | 0 | 0 | 0 | 572 | 3216 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 44 | 143 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 48740 | 0 | 0 | 0 | 0 | 0 |

TABLE 19.4 (CONTINUED)

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|-------------------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | |
| 1 | 31827 | 2776 | 1205 | 1267 | 6257 | 1969 | 51003 | 0 | 683563 | 453 | 42539 | 0 | 298242 |
| 2 | 5143 | 0 | 0 | 0 | 1278 | 174 | 0 | 0 | 1922 | 301 | 3766 | 0 | 9235 |
| 3 | 0 | 0 | 0 | 0 | 5904 | 278 | 0 | 0 | 0 | 0 | 9924 | 0 | 14277 |
| 4 | 0 | 0 | 0 | 0 | 1897 | 243 | 1512 | 0 | 0 | 0 | 0 | 0 | 10668 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 531 | 0 | 0 | 0 | 3680 |
| 6 | 0 | 0 | 0 | 0 | 0 | 1079 | 6070 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 43 | 139 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 127 | 829 | 48534 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | |
| 1 | 7825 | 0 | 186 | 1256 | 6251 | 2149 | 39527 | 0 | 703546 | 453 | 57655 | 0 | 452493 |
| 2 | 0 | 0 | 0 | 0 | 1275 | 350 | 0 | 0 | 0 | 0 | 7864 | 0 | 11941 |
| 3 | 0 | 0 | 0 | 0 | 5892 | 0 | 0 | 0 | 0 | 0 | 17473 | 0 | 10737 |
| 4 | 414 | 485 | 0 | 2 | 1920 | 335 | 1500 | 0 | 0 | 467 | 562 | 0 | 11169 |
| 5 | 0 | 0 | 0 | 0 | 0 | 97 | 0 | 0 | 531 | 0 | 2032 | 0 | 4668 |
| 6 | 491 | 0 | 0 | 0 | 0 | 1081 | 6082 | 0 | 270 | 3 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 44 | 142 | 0 | 194 | 0 | 167 | 0 | 163 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 126 | 825 | 48293 | 0 | 0 | 0 | 0 | 0 |
| SOIL LOSS: | | | | | | | | | | | | | |
| 1 | 19821 | 3080 | 450 | 1234 | 6302 | 1956 | 41627 | 0 | 654123 | 453 | 47666 | 0 | 333050 |
| 2 | 10484 | 0 | 0 | 0 | 1275 | 0 | 0 | 0 | 2037 | 1077 | 0 | 0 | 6887 |
| 3 | 0 | 0 | 0 | 0 | 5892 | 344 | 0 | 0 | 0 | 0 | 8736 | 0 | 15085 |
| 4 | 0 | 0 | 0 | 0 | 1895 | 247 | 1535 | 0 | 0 | 0 | 0 | 0 | 10656 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 398 | 0 | 0 | 0 | 3800 |
| 6 | 0 | 0 | 0 | 0 | 0 | 1081 | 6082 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 76 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 297 |
| 9 | 0 | 0 | 0 | 0 | 0 | 145 | 825 | 48536 | 0 | 0 | 0 | 0 | 0 |

TABLE 19.5 IRRIGATED CROP PRODUCTION (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN ZONE 4

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TOSN | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|----------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| TREND: | | | | | | | | | | | | | |
| 10 | 480 | 81563 | 2213 | 845 | 1382 | 832 | 179 | 0 | 115255 | 24139 | 36856 | 6038 | 2 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 36 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 148 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | | | | | | | | | | | | | |
| 10 | 480 | 78449 | 2213 | 895 | 1382 | 1465 | 186 | 0 | 93356 | 24139 | 36843 | 6038 | 2 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 153 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 139 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | | | | | | | | | | | | | |
| 10 | 477 | 81552 | 2213 | 845 | 1382 | 1336 | 194 | 0 | 98892 | 24139 | 36843 | 6036 | 0 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 269 | 0 | 0 | 0 | 87 | 0 | 148 | 0 | 278 | 0 | 0 | 222 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 144 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | | | | | | | | | | | | | |
| 10 | 480 | 84119 | 2213 | 847 | 1382 | 849 | 186 | 0 | 104232 | 24139 | 36843 | 6038 | 2 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 153 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 139 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 0 | 0 |

TABLE 19.5 (CONTINUED)

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|-------------------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | |
| 10 | 480 | 81552 | 2213 | 845 | 1382 | 943 | 179 | 0 | 111653 | 24139 | 36843 | 6038 | 2 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 147 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | |
| 10 | 1452 | 67068 | 2213 | 845 | 1382 | 218 | 179 | 0 | 161153 | 24139 | 36856 | 5139 | 2 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 148 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 0 | 0 |
| SOIL LOSS: | | | | | | | | | | | | | |
| 10 | 480 | 49116 | 2213 | 900 | 1382 | 1249 | 179 | 0 | 130773 | 24139 | 36856 | 6038 | 2 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 36 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 137 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 0 | 0 |

TABLE 19.6 QUANTITIES OF CROP COMMODITIES PRODUCED (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN ZONE 4

| | UNIT | PRODUCED | INTER | CONSUMED | NET EXPORT |
|-----------------------|-------|----------|---------|----------|------------|
| TREND: | | | | | |
| CORN | BU | 83698 | 170653 | 49132 | -136087 |
| SORGHUM | BU | 795976 | 335511 | 1313 | 459152 |
| BARLEY | BU | 37450 | 11110 | 16850 | 9490 |
| OATS | BU | 60798 | 47857 | 8164 | 4777 |
| WHEAT | BU | 339506 | 4580 | 55191 | 280035 |
| SOYBEANS | BU | 105,418 | 222,611 | 37,548 | -154,741 |
| COTTON | BALES | 2,112 | 0 | 512 | 1,600 |
| PRIME LANDS: | | | | | |
| CORN | BU | 80012 | 170653 | 49132 | -139773 |
| SORGHUM | BU | 801565 | 335511 | 1313 | 464741 |
| BARLEY | BU | 37718 | 11110 | 16850 | 9758 |
| OATS | BU | 59608 | 47857 | 8164 | 3586 |
| WHEAT | BU | 320553 | 4580 | 55191 | 260782 |
| SOYBEANS | BU | 110,993 | 222,611 | 37,548 | -149,166 |
| COTTON | BALES | 2,126 | 0 | 512 | 1,613 |
| FRAGILE: | | | | | |
| CORN | BU | 83507 | 170653 | 49132 | -136278 |
| SORGHUM | BU | 799374 | 335511 | 1313 | 462551 |
| BARLEY | BU | 26384 | 11110 | 16850 | -1576 |
| OATS | BU | 55787 | 47857 | 8164 | -234 |
| WHEAT | BU | 320193 | 4580 | 55191 | 260422 |
| SOYBEANS | BU | 110,511 | 222,611 | 37,548 | -149,650 |
| COTTON | BALES | 2,112 | 0 | 512 | 1,600 |
| PRIME-FRAGILE: | | | | | |
| CORN | BU | 85682 | 170653 | 49132 | -134103 |
| SORGHUM | BU | 798718 | 335511 | 1313 | 461895 |
| BARLEY | BU | 30410 | 11110 | 16850 | 2451 |
| OATS | BU | 53541 | 47857 | 8164 | -2480 |
| WHEAT | BU | 353050 | 4580 | 55191 | 293279 |
| SOYBEANS | BU | 111,373 | 222,611 | 37,548 | -148,789 |
| COTTON | BALES | 2,114 | 0 | 512 | 1,601 |
| ENV. CORR. | | | | | |
| CORN | BU | 84328 | 170653 | 49132 | -135457 |
| SORGHUM | BU | 797670 | 335511 | 1313 | 460846 |
| BARLEY | BU | 37450 | 11110 | 16850 | 9490 |
| OATS | BU | 59929 | 47857 | 8164 | 3908 |
| WHEAT | BU | 336104 | 4580 | 55191 | 276333 |
| SOYBEANS | BU | 106,515 | 222,611 | 37,548 | -153,647 |
| COTTON | BALES | 2,112 | 0 | 512 | 1,600 |
| HIGH EXPORT: | | | | | |
| CORN | BU | 67553 | 170653 | 49132 | -152232 |
| SORGHUM | BU | 865694 | 335511 | 1313 | 528871 |
| BARLEY | BU | 10183 | 11110 | 16850 | -17777 |
| OATS | BU | 48416 | 47857 | 8164 | -7605 |
| WHEAT | BU | 491172 | 4580 | 55191 | 431401 |
| SOYBEANS | BU | 135,997 | 222,611 | 37,548 | -124,162 |
| COTTON | BALES | 2,104 | 0 | 512 | 1,591 |
| SOIL LOSS: | | | | | |
| CORN | BU | 52196 | 170653 | 49132 | -167588 |
| SORGHUM | BU | 787408 | 335511 | 1313 | 450584 |
| BARLEY | BU | 30785 | 11110 | 16850 | 2826 |
| OATS | BU | 49597 | 47857 | 8164 | -6425 |
| WHEAT | BU | 369777 | 4580 | 55191 | 310006 |
| SOYBEANS | BU | 106,835 | 222,611 | 37,548 | -153,324 |
| COTTON | BALES | 2,133 | 0 | 512 | 1,621 |

TABLE 19.7 RESOURCE USE IN CROP PRODUCTION (THOUSANDS OF DOLLARS) UNDER ALTERNATIVE FUTURES IN ZONE 4

| TREND: | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|------------|-------|-------|-------|-------|----------|--------|-------|
| BARLEY | 3923 | 271 | 3163 | 81 | 3005 | 23192 | 353 |
| CORN G | 12718 | 14069 | 7461 | 2449 | 5315 | 39019 | 250 |
| CORN S | 608 | 2079 | 3897 | 231 | 890 | 10115 | 370 |
| COTTON | 21949 | 16318 | 35028 | 13251 | 8636 | 162717 | 17753 |
| HAY L | 52320 | 6253 | 48900 | 755 | 23081 | 234501 | 14511 |
| HAY N | 15057 | 0 | 19789 | 20587 | 9244 | 98769 | 7431 |
| S FALLOW | 561 | 0 | 20 | 0 | 0 | 88 | 0 |
| OATS | 6383 | 0 | 3375 | 627 | 2909 | 28018 | 374 |
| SORG G | 98544 | 22514 | 56149 | 2924 | 48242 | 418781 | 3802 |
| SORG S | 21869 | 40697 | 21037 | 299 | 5775 | 72888 | 2229 |
| SOYBEANS | 16409 | 47609 | 11568 | 26608 | 11280 | 83987 | 822 |
| SUGAR BEET | 1416 | 5243 | 19946 | 0 | 921 | 24140 | 1268 |
| WHEAT | 73222 | 120 | 35780 | 4340 | 30211 | 264337 | 8811 |

PRIME LANDS:

| | | | | | | | |
|------------|-------|-------|-------|-------|-------|--------|-------|
| BARLEY | 2323 | 251 | 3198 | 82 | 3046 | 23439 | 360 |
| CORN G | 10097 | 13402 | 7099 | 3104 | 5130 | 37528 | 251 |
| CORN S | 525 | 1817 | 3906 | 234 | 893 | 10158 | 373 |
| COTTON | 17410 | 16934 | 35179 | 13285 | 8488 | 162836 | 17749 |
| HAY L | 45200 | 5845 | 49470 | 1165 | 23272 | 236678 | 14729 |
| HAY N | 11019 | 0 | 20888 | 4412 | 9277 | 100104 | 7307 |
| S FALLOW | 500 | 0 | 22 | 0 | 0 | 96 | 0 |
| OATS | 4271 | 0 | 3301 | 1112 | 2846 | 27371 | 368 |
| SORG G | 69765 | 15588 | 56957 | 2957 | 49598 | 426481 | 4093 |
| SORG S | 17695 | 38265 | 21020 | 299 | 5775 | 72800 | 2229 |
| SOYBEANS | 12485 | 46231 | 12314 | 7610 | 12500 | 91788 | 968 |
| SUGAR BEET | 754 | 4826 | 19946 | 0 | 921 | 24140 | 1268 |
| WHEAT | 51640 | 113 | 33964 | 1439 | 28791 | 251022 | 8343 |

FRAGILE:

| | | | | | | | |
|------------|--------|-------|-------|-------|-------|--------|-------|
| BARLEY | 2637 | 202 | 2193 | 69 | 2037 | 16315 | 174 |
| CORN G | 12424 | 14358 | 7444 | 3401 | 5308 | 39084 | 251 |
| CORN S | 675 | 2444 | 3894 | 229 | 888 | 10097 | 369 |
| COTTON | 22558 | 16425 | 35029 | 13251 | 8636 | 162717 | 17753 |
| HAY L | 68813 | 8263 | 55107 | 1248 | 25031 | 258063 | 16870 |
| HAY N | 27415 | 0 | 19725 | 10533 | 8382 | 94686 | 6803 |
| S FALLOW | 414 | 0 | 13 | 0 | 0 | 59 | 0 |
| OATS | 8839 | 0 | 3127 | 1182 | 2677 | 25903 | 349 |
| SORG G | 101984 | 18901 | 56716 | 3077 | 49108 | 425312 | 4003 |
| SORG S | 25373 | 40173 | 21048 | 329 | 5778 | 72940 | 2231 |
| SOYBEANS | 18230 | 49853 | 12233 | 21296 | 12383 | 90950 | 954 |
| SUGAR BEET | 1827 | 4949 | 19951 | 0 | 922 | 24146 | 1268 |
| WHEAT | 88128 | 0 | 33756 | 4103 | 28500 | 249301 | 8261 |

PRIME FRAGILE:

| | | | | | | | |
|------------|-------|-------|-------|-------|-------|--------|-------|
| BARLEY | 1499 | 249 | 2570 | 78 | 2409 | 18972 | 242 |
| CORN G | 9452 | 13750 | 7789 | 3765 | 5482 | 40251 | 259 |
| CORN S | 560 | 1766 | 3897 | 231 | 890 | 10115 | 370 |
| COTTON | 16097 | 15926 | 35165 | 13322 | 8701 | 162694 | 17743 |
| HAY L | 47644 | 5846 | 52067 | 1615 | 24088 | 246214 | 15723 |
| HAY N | 13265 | 0 | 18438 | 6317 | 8681 | 90791 | 6610 |
| S FALLOW | 500 | 0 | 20 | 0 | 0 | 88 | 0 |
| OATS | 4521 | 0 | 2982 | 1538 | 2580 | 24639 | 347 |
| SORG G | 63097 | 18764 | 55656 | 3028 | 48870 | 422880 | 3725 |
| SORG S | 17576 | 36741 | 21037 | 326 | 5775 | 72888 | 2229 |
| SOYBEANS | 12008 | 48191 | 12351 | 11024 | 12569 | 92183 | 976 |
| SUGAR BEET | 1038 | 4508 | 19946 | 0 | 921 | 24140 | 1268 |
| WHEAT | 59924 | 111 | 37380 | 1905 | 31074 | 275718 | 9221 |

TABLE 19.7 (CONTINUED)

| | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|-------------------------|--------|-------|-------|--------|----------|--------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| BARLEY | 3852 | 277 | 3163 | 81 | 3005 | 23192 | 353 |
| CORN G | 12558 | 13440 | 7437 | 2702 | 5305 | 39036 | 247 |
| CORN S | 607 | 2148 | 3897 | 231 | 890 | 10115 | 370 |
| COTTON | 21743 | 16319 | 35029 | 13251 | 8636 | 162717 | 17753 |
| HAY L | 52040 | 6551 | 48890 | 948 | 23078 | 234460 | 14507 |
| HAY N | 15049 | 0 | 20007 | 24044 | 9264 | 99132 | 7417 |
| S FALLOW | 558 | 0 | 20 | 0 | 0 | 88 | 0 |
| DATS | 6204 | 0 | 3335 | 818 | 2879 | 27671 | 372 |
| SDRG G | 97329 | 21748 | 56300 | 2933 | 48532 | 420448 | 3856 |
| SDRG S | 21784 | 40693 | 21037 | 299 | 5775 | 72888 | 2229 |
| SOYBEANS | 16391 | 47631 | 11719 | 31401 | 11529 | 85578 | 852 |
| SUGAR BEET | 1396 | 5225 | 19946 | 0 | 421 | 24140 | 1268 |
| WHEAT | 71792 | 120 | 35453 | 4978 | 29976 | 261938 | 8727 |
| HIGH EXPORT: | | | | | | | |
| BARLEY | 6291 | 784 | 1453 | 24615 | 994 | 8064 | 94 |
| CORN G | 38147 | 16717 | 5718 | 15810 | 4418 | 32119 | 226 |
| CORN S | 401 | 3522 | 4501 | 136 | 953 | 8098 | 314 |
| COTTON | 79443 | 20380 | 35075 | 14972 | 8621 | 162797 | 17753 |
| HAY L | 153659 | 11314 | 48998 | 807 | 23107 | 234904 | 14547 |
| HAY N | 76620 | 0 | 19300 | 101579 | 9624 | 100140 | 7853 |
| S FALLOW | 1687 | 0 | 20 | 0 | 0 | 88 | 0 |
| DATS | 29545 | 0 | 3280 | 693 | 2461 | 24237 | 300 |
| SDRG G | 476616 | 47823 | 66252 | 38537 | 50789 | 466209 | 4361 |
| SDRG S | 79906 | 61396 | 22091 | 1495 | 5997 | 78151 | 2432 |
| SOYBEANS | 98852 | 75364 | 13933 | 101384 | 16437 | 108709 | 1441 |
| SUGAR BEET | 7603 | 7323 | 16986 | 0 | 784 | 20557 | 1080 |
| WHEAT | 555250 | 157 | 55414 | 11175 | 43109 | 416222 | 11611 |
| SOIL LOSS: | | | | | | | |
| BARLEY | 3195 | 295 | 2341 | 79 | 2176 | 17451 | 224 |
| CORN G | 9609 | 7691 | 4206 | 2245 | 3284 | 23683 | 193 |
| CORN S | 330 | 2333 | 3673 | 126 | 797 | 9035 | 311 |
| COTTON | 24961 | 18300 | 35108 | 13292 | 8526 | 162639 | 17742 |
| HAY L | 54390 | 6802 | 49029 | 373 | 23119 | 235007 | 14559 |
| HAY N | 19102 | 0 | 20922 | 16689 | 9311 | 101952 | 7447 |
| S FALLOW | 694 | 0 | 22 | 0 | 0 | 96 | 0 |
| DATS | 4357 | 0 | 2747 | 179 | 2329 | 22708 | 310 |
| SDRG G | 99888 | 23802 | 57792 | 2951 | 46575 | 415462 | 3172 |
| SDRG S | 25572 | 41250 | 21676 | 435 | 5904 | 75887 | 2363 |
| SOYBEANS | 17733 | 57466 | 11276 | 29211 | 11023 | 80940 | 791 |
| SUGAR BEET | 1692 | 5275 | 19946 | 0 | 921 | 24140 | 1268 |
| WHEAT | 94388 | 129 | 39091 | 3677 | 32630 | 288823 | 9633 |

TABLE 19.8. QUANTITY OF WATER (THOUSANDS OF ACRE FEET) USED FOR IRRIGATION UNDER SEVEN ALTERNATIVE FUTURES IN ZONE 4

| ALTERNATIVE FUTURE | QUANTITY OF WATER |
|------------------------|-------------------|
| TREND | 10,213 |
| PRIME | 9,783 |
| FRAGILE | 9,876 |
| PRIME-FRAGILE | 10,143 |
| ENVIRONMENTAL CORRIDOR | 10,123 |
| HIGH EXPORT | 10,789 |
| SOIL LOSS | 9,931 |

CHAPTER 20. ZONE 5

Note: Dryland crop acreage in table 2 of this chapter includes the acreage on land that could have been irrigated.

TABLE 20.1 LAND USE (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN ZONE 5

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXO G USED | TOT USED |
|-----------------------|-----------|---------|---------|----------|----------|------------|----------|
| TREND: | | | | | | | |
| LC 1-0 | 13404 | 0 | -496 | 11971 | 0 | 96 | 12066 |
| LC 2-0 | 55 | 0 | 0 | 54 | 0 | 1 | 55 |
| LC 3-0 | 1023 | 0 | 0 | 998 | 0 | 25 | 1023 |
| LC 4-0 | 954 | 0 | -1 | 275 | 0 | 40 | 315 |
| LC 5-0 | 1504 | 0 | -1 | 1463 | 0 | 40 | 1504 |
| LC 6-0 | 1190 | 0 | -1 | 296 | 0 | 45 | 341 |
| LC 7-0 | 64 | 0 | 0 | 4 | 0 | 2 | 5 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 889 | 0 | 0 | 576 | 0 | 26 | 602 |
| LC 1-1 | 2741 | 0 | 497 | 122 | 2403 | 106 | 2631 |
| LC 2-1 | 495 | 0 | 1 | 170 | 301 | 24 | 495 |
| LC 3-1 | 275 | 0 | 1 | 0 | 258 | 17 | 275 |
| LC 4-1 | 209 | 0 | 1 | 2 | 197 | 10 | 209 |
| LC 5-1 | 157 | 0 | 1 | 0 | 147 | 10 | 157 |
| LC 6-1 | 84 | 0 | 0 | 3 | 24 | 6 | 33 |
| LC 7-1 | 93 | 0 | 0 | 0 | 85 | 9 | 93 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 52 | 0 | 0 | 0 | 49 | 1 | 50 |
| PAST 0 | 120928 | 0 | 0 | 120928 | 0 | 0 | 120928 |
| PAST 1 | 3037 | 0 | 0 | 1530 | 1507 | 0 | 3037 |
| LC 1 TO 5 | 20817 | 0 | 2 | 15055 | 3306 | 369 | 18730 |
| LC 6 TO 9 | 2373 | 0 | -1 | 879 | 158 | 87 | 1125 |
| TOT CRPLND | 23190 | 0 | 1 | 15934 | 3464 | 456 | 19854 |
| PRIME LANDS: | | | | | | | |
| LC 1-0 | 13404 | 0 | -496 | 11972 | 0 | 96 | 12068 |
| LC 2-0 | 56 | 0 | 0 | 55 | 0 | 1 | 56 |
| LC 3-0 | 1034 | 0 | -1 | 1009 | 0 | 25 | 1034 |
| LC 4-0 | 950 | 0 | -1 | 273 | 0 | 40 | 314 |
| LC 5-0 | 1496 | 0 | -1 | 1455 | 0 | 40 | 1495 |
| LC 6-0 | 1185 | 0 | -1 | 294 | 0 | 45 | 332 |
| LC 7-0 | 63 | 0 | 0 | 4 | 0 | 2 | 5 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 885 | 0 | 0 | 574 | 0 | 26 | 599 |
| LC 1-1 | 2746 | 0 | 497 | 122 | 2371 | 106 | 2598 |
| LC 2-1 | 500 | 0 | 1 | 171 | 305 | 24 | 500 |
| LC 3-1 | 279 | 0 | 1 | 0 | 262 | 17 | 279 |
| LC 4-1 | 206 | 0 | 1 | 2 | 194 | 10 | 206 |
| LC 5-1 | 157 | 0 | 1 | 0 | 147 | 10 | 157 |
| LC 6-1 | 84 | 0 | 0 | 3 | 7 | 6 | 16 |
| LC 7-1 | 93 | 0 | 0 | 0 | 84 | 9 | 93 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 52 | 0 | 0 | 0 | 49 | 1 | 49 |
| PAST 0 | 120928 | 0 | 0 | 120928 | 0 | 0 | 120928 |
| PAST 1 | 3038 | 0 | 0 | 1487 | 1551 | 0 | 3038 |
| LC 1 TO 5 | 20828 | 0 | 2 | 15061 | 3277 | 369 | 18708 |
| LC 6 TO 9 | 2361 | 0 | -1 | 875 | 140 | 87 | 1102 |
| TOT CRPLND | 23189 | 0 | 1 | 15935 | 3419 | 456 | 19810 |
| FRAGILE: | | | | | | | |
| LC 1-0 | 13403 | 0 | -496 | 12564 | 0 | 96 | 12659 |
| LC 2-0 | 55 | 0 | 0 | 54 | 0 | 1 | 55 |
| LC 3-0 | 1013 | 0 | -1 | 988 | 0 | 25 | 1013 |
| LC 4-0 | 945 | 0 | -1 | 281 | 0 | 40 | 322 |
| LC 5-0 | 1489 | 0 | -1 | 1449 | 0 | 40 | 1489 |
| LC 6-0 | 804 | 0 | -1 | 108 | 0 | 45 | 153 |
| LC 7-0 | 62 | 0 | 0 | 4 | 0 | 2 | 5 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 26 | 0 | 0 | 0 | 0 | 26 | 26 |
| LC 1-1 | 2749 | 0 | 503 | 184 | 2459 | 106 | 2749 |
| LC 2-1 | 503 | 0 | 8 | 172 | 307 | 24 | 503 |
| LC 3-1 | 281 | 0 | 7 | 0 | 264 | 17 | 281 |
| LC 4-1 | 212 | 0 | 5 | 3 | 199 | 10 | 212 |
| LC 5-1 | 161 | 0 | 4 | 0 | 152 | 10 | 161 |
| LC 6-1 | 57 | 0 | 1 | 1 | 50 | 6 | 57 |
| LC 7-1 | 96 | 0 | 2 | 0 | 42 | 9 | 51 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| PAST 0 | 122366 | 0 | 0 | 122366 | 0 | 0 | 122366 |
| PAST 1 | 3130 | 0 | 0 | 1552 | 1578 | 0 | 3130 |
| LC 1 TO 5 | 20811 | 0 | 10 | 15695 | 3381 | 369 | 19444 |
| LC 6 TO 9 | 1046 | 0 | -4 | 113 | 92 | 87 | 292 |
| TOT CRPLND | 21857 | 0 | 5 | 15807 | 3473 | 456 | 19737 |
| PRIME-FRAGILE: | | | | | | | |
| LC 1-0 | 13480 | 0 | -496 | 12549 | 0 | 96 | 12645 |
| LC 2-0 | 62 | 0 | 0 | 60 | 0 | 1 | 62 |
| LC 3-0 | 1061 | 0 | -1 | 1037 | 0 | 25 | 1061 |
| LC 4-0 | 965 | 0 | -1 | 273 | 0 | 40 | 313 |
| LC 5-0 | 1507 | 0 | -2 | 1466 | 0 | 40 | 1507 |
| LC 6-0 | 811 | 0 | -1 | 107 | 0 | 45 | 152 |
| LC 7-0 | 77 | 0 | 0 | 4 | 0 | 2 | 5 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 26 | 0 | 0 | 0 | 0 | 26 | 26 |
| LC 1-1 | 2753 | 0 | 497 | 122 | 2377 | 106 | 2605 |
| LC 2-1 | 507 | 0 | 2 | 173 | 310 | 24 | 507 |
| LC 3-1 | 284 | 0 | 1 | 0 | 267 | 17 | 284 |
| LC 4-1 | 209 | 0 | 2 | 4 | 195 | 10 | 209 |
| LC 5-1 | 159 | 0 | 1 | 0 | 149 | 10 | 159 |
| LC 6-1 | 57 | 0 | 0 | 1 | 50 | 6 | 57 |
| LC 7-1 | 94 | 0 | 0 | 0 | 36 | 9 | 45 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 |
| PAST 0 | 122364 | 0 | 0 | 122364 | 0 | 0 | 122364 |
| PAST 1 | 3122 | 0 | 0 | 1578 | 1544 | 0 | 3122 |
| LC 1 TO 5 | 20985 | 0 | 3 | 15684 | 3298 | 369 | 19351 |
| LC 6 TO 9 | 1065 | 0 | -1 | 112 | 86 | 87 | 285 |
| TOT CRPLND | 22051 | 0 | 2 | 15795 | 3384 | 456 | 19636 |

TABLE 20.1 (CONTINUED)

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXO G USED | TOT USED |
|--------------------------------|-----------|---------|---------|----------|----------|------------|----------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| LC 1-0 | 13403 | 0 | -496 | 11970 | 0 | 96 | 12066 |
| LC 2-0 | 55 | 0 | -0 | 54 | 0 | 1 | 55 |
| LC 3-0 | 1021 | 0 | -0 | 996 | 0 | 25 | 1021 |
| LC 4-0 | 952 | 0 | -1 | 275 | 0 | 40 | 315 |
| LC 5-0 | 1501 | 0 | -1 | 1460 | 0 | 40 | 1501 |
| LC 6-0 | 1188 | 0 | -1 | 296 | 0 | 45 | 341 |
| LC 7-0 | 63 | 0 | -0 | 4 | 0 | 2 | 5 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 887 | 0 | 0 | 575 | 0 | 26 | 600 |
| LC 1-1 | 2741 | 0 | 497 | 122 | 2469 | 106 | 2697 |
| LC 2-1 | 494 | 0 | 1 | 170 | 300 | 24 | 494 |
| LC 3-1 | 275 | 0 | 1 | 0 | 258 | 17 | 275 |
| LC 4-1 | 207 | 0 | 1 | 2 | 196 | 10 | 207 |
| LC 5-1 | 158 | 0 | 1 | 0 | 148 | 10 | 158 |
| LC 6-1 | 84 | 0 | 0 | 3 | 27 | 6 | 36 |
| LC 7-1 | 94 | 0 | 0 | 0 | 85 | 9 | 94 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 52 | 0 | 0 | 0 | 49 | 1 | 50 |
| PAST 0 | 120928 | 0 | 0 | 120928 | 0 | 0 | 120928 |
| PAST 1 | 3028 | 0 | 0 | 1486 | 1543 | 0 | 3028 |
| LC 1 TO 5 | 20807 | 0 | -2 | 15049 | 3370 | 369 | 18788 |
| LC 6 TO 9 | 2368 | 0 | -1 | 877 | 161 | 87 | 1126 |
| TOT CRPLND | 23174 | 0 | 1 | 15927 | 3531 | 456 | 19914 |
| HIGH EXPORT: | | | | | | | |
| LC 1-0 | 13404 | 0 | -496 | 13308 | 0 | 96 | 13404 |
| LC 2-0 | 55 | 0 | -0 | 54 | 0 | 1 | 55 |
| LC 3-0 | 1023 | 0 | -0 | 998 | 0 | 25 | 1023 |
| LC 4-0 | 954 | 0 | -1 | 914 | 0 | 40 | 954 |
| LC 5-0 | 1504 | 0 | -1 | 1463 | 0 | 40 | 1504 |
| LC 6-0 | 1190 | 0 | -1 | 1146 | 0 | 45 | 1190 |
| LC 7-0 | 64 | 0 | -0 | 63 | 0 | 2 | 64 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 889 | 0 | 0 | 863 | 0 | 26 | 889 |
| LC 1-1 | 2741 | 0 | 497 | 270 | 2360 | 106 | 2741 |
| LC 2-1 | 495 | 0 | 1 | 110 | 361 | 24 | 495 |
| LC 3-1 | 275 | 0 | 1 | 0 | 258 | 17 | 275 |
| LC 4-1 | 209 | 0 | 1 | 19 | 180 | 10 | 209 |
| LC 5-1 | 157 | 0 | 1 | 0 | 147 | 10 | 157 |
| LC 6-1 | 84 | 0 | 0 | 3 | 75 | 6 | 84 |
| LC 7-1 | 93 | 0 | 0 | 0 | 85 | 9 | 93 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 52 | 0 | 0 | 51 | 0 | 1 | 52 |
| PAST 0 | 120928 | 0 | 0 | 120928 | 0 | 0 | 120928 |
| PAST 1 | 3037 | 0 | 0 | 1385 | 1652 | 0 | 3037 |
| LC 1 TO 5 | 20817 | 0 | -2 | 17136 | 3312 | 369 | 20817 |
| LC 6 TO 9 | 2373 | 0 | -1 | 2126 | 159 | 87 | 2373 |
| TOT CRPLND | 23190 | 0 | 1 | 19262 | 3471 | 456 | 23190 |
| SOIL LOSS: | | | | | | | |
| LC 1-0 | 13404 | 0 | -496 | 8619 | 0 | 96 | 8715 |
| LC 2-0 | 55 | 0 | -0 | 54 | 0 | 1 | 55 |
| LC 3-0 | 1023 | 0 | -0 | 998 | 0 | 25 | 1023 |
| LC 4-0 | 954 | 0 | -1 | 275 | 0 | 40 | 315 |
| LC 5-0 | 1504 | 0 | -1 | 1463 | 0 | 40 | 1504 |
| LC 6-0 | 1190 | 0 | -1 | 296 | 0 | 45 | 341 |
| LC 7-0 | 64 | 0 | -0 | 4 | 0 | 2 | 5 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 889 | 0 | 0 | 576 | 0 | 26 | 602 |
| LC 1-1 | 2741 | 0 | 497 | 171 | 2464 | 106 | 2741 |
| LC 2-1 | 495 | 0 | 1 | 170 | 301 | 24 | 495 |
| LC 3-1 | 275 | 0 | 1 | 0 | 258 | 17 | 275 |
| LC 4-1 | 209 | 0 | 1 | 2 | 197 | 10 | 209 |
| LC 5-1 | 157 | 0 | 1 | 0 | 147 | 10 | 157 |
| LC 6-1 | 84 | 0 | 0 | 3 | 75 | 6 | 84 |
| LC 7-1 | 93 | 0 | 0 | 0 | 45 | 9 | 54 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 52 | 0 | 0 | 0 | 49 | 1 | 50 |
| PAST 0 | 120928 | 0 | 0 | 120928 | 0 | 0 | 120928 |
| PAST 1 | 3037 | 0 | 0 | 1473 | 1564 | 0 | 3037 |
| LC 1 TO 5 | 20817 | 0 | -2 | 11753 | 3367 | 369 | 15489 |
| LC 6 TO 9 | 2373 | 0 | -1 | 879 | 170 | 87 | 1136 |
| TOT CRPLND | 23190 | 0 | 1 | 12632 | 3537 | 456 | 16625 |

TABLE 20.2 DRYLAND CROP ACREAGES (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN ZONE 5

| TREND: | LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEAN | SGRBEET | WHEAT |
|----------------|------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|---------|---------|-------|
| | 1 | 4028 | 0 | 0 | 0 | 31 | 807 | 5604 | 0 | 0 | 46 | 0 | 0 | 0 | 1577 |
| | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 8 | 0 | 0 | 0 | 0 | 0 | 15 |
| | 3 | 0 | 71 | 0 | 0 | 0 | 0 | 131 | 120 | 0 | 0 | 0 | 0 | 0 | 303 |
| | 4 | 0 | 10 | 0 | 0 | 0 | 76 | 10 | 36 | 0 | 0 | 0 | 0 | 0 | 5 |
| | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 237 | 100 | 0 | 0 | 0 | 0 | 0 | 722 |
| | 6 | 0 | 14 | 0 | 0 | 0 | 0 | 106 | 6 | 0 | 22 | 0 | 0 | 0 | 116 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 570 | 0 | 8 | 122354 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | 1 | 3580 | 0 | 0 | 0 | 0 | 1735 | 5156 | 0 | 0 | 46 | 0 | 0 | 0 | 1577 |
| | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 8 | 0 | 0 | 0 | 0 | 0 | 16 |
| | 3 | 0 | 71 | 0 | 0 | 0 | 0 | 132 | 121 | 0 | 0 | 0 | 0 | 0 | 307 |
| | 4 | 0 | 11 | 0 | 0 | 0 | 77 | 10 | 36 | 0 | 0 | 0 | 0 | 0 | 5 |
| | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 236 | 100 | 0 | 0 | 0 | 0 | 0 | 719 |
| | 6 | 0 | 14 | 0 | 0 | 0 | 0 | 105 | 6 | 0 | 22 | 0 | 0 | 0 | 115 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 575 | 0 | 2 | 122343 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | 1 | 3435 | 0 | 0 | 0 | 232 | 2449 | 5010 | 1 | 0 | 46 | 0 | 0 | 0 | 1574 |
| | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 8 | 0 | 0 | 0 | 0 | 0 | 15 |
| | 3 | 0 | 0 | 0 | 0 | 0 | 392 | 66 | 153 | 0 | 16 | 0 | 0 | 0 | 216 |
| | 4 | 0 | 28 | 0 | 0 | 0 | 77 | 29 | 30 | 0 | 4 | 0 | 0 | 0 | 18 |
| | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 253 | 100 | 0 | 0 | 0 | 0 | 0 | 621 |
| | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 5 | 0 | 9 | 0 | 0 | 0 | 41 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 123846 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | 1 | 3491 | 0 | 0 | 0 | 241 | 2248 | 5065 | 10 | 0 | 46 | 0 | 0 | 0 | 1574 |
| | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 8 | 0 | 0 | 0 | 0 | 0 | 19 |
| | 3 | 0 | 0 | 0 | 0 | 0 | 437 | 67 | 162 | 0 | 16 | 0 | 0 | 0 | 217 |
| | 4 | 0 | 28 | 0 | 0 | 0 | 77 | 27 | 31 | 0 | 1 | 0 | 0 | 0 | 13 |
| | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 259 | 99 | 0 | 0 | 0 | 0 | 0 | 638 |
| | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 5 | 0 | 9 | 0 | 0 | 0 | 40 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 123852 | 0 | 0 | 0 | 0 | 0 |

TABLE 20.2 (CONTINUED)

| LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEANS | SGRBEET | WHEAT |
|-------------------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|----------|---------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | | |
| 1 | 3560 | 0 | 0 | 0 | 0 | 1774 | 5135 | 0 | 0 | 46 | 0 | 0 | 0 | 1577 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 8 | 0 | 0 | 0 | 0 | 0 | 15 |
| 3 | 0 | 71 | 0 | 0 | 0 | 0 | 130 | 120 | 0 | 0 | 0 | 0 | 0 | 302 |
| 4 | 0 | 10 | 0 | 0 | 0 | 77 | 10 | 36 | 0 | 0 | 0 | 0 | 0 | 5 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 236 | 101 | 0 | 0 | 0 | 0 | 0 | 720 |
| 6 | 0 | 14 | 0 | 0 | 0 | 0 | 104 | 7 | 0 | 22 | 0 | 0 | 0 | 115 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 571 | 0 | 6 | 122342 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | | |
| 1 | 1669 | 0 | 104 | 0 | 2537 | 2616 | 3244 | 1785 | 0 | 46 | 0 | 0 | 0 | 1577 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 8 | 0 | 0 | 0 | 0 | 0 | 15 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 127 | 102 | 0 | 26 | 0 | 0 | 0 | 400 |
| 4 | 0 | 0 | 0 | 0 | 40 | 37 | 144 | 37 | 0 | 0 | 32 | 0 | 0 | 509 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 237 | 100 | 0 | 0 | 0 | 0 | 0 | 722 |
| 6 | 0 | 22 | 0 | 0 | 0 | 0 | 253 | 35 | 0 | 0 | 0 | 0 | 0 | 677 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 1 | 0 | 0 | 0 | 0 | 0 | 44 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 614 | 71 | 58 | 122248 | 0 | 0 | 0 | 0 | 121 |
| SOIL LOSS: | | | | | | | | | | | | | | |
| 1 | 1501 | 0 | 5 | 0 | 410 | 1607 | 3077 | 566 | 0 | 46 | 0 | 0 | 0 | 1577 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 8 | 0 | 0 | 0 | 0 | 0 | 15 |
| 3 | 0 | 71 | 0 | 0 | 0 | 0 | 140 | 110 | 0 | 5 | 0 | 0 | 0 | 334 |
| 4 | 0 | 0 | 0 | 0 | 0 | 77 | 0 | 39 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 237 | 31 | 0 | 0 | 0 | 0 | 0 | 722 |
| 6 | 0 | 22 | 0 | 0 | 0 | 0 | 113 | 6 | 0 | 18 | 0 | 0 | 0 | 110 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 579 | 0 | 0 | 122329 | 0 | 0 | 0 | 0 | 0 |

TABLE 20.3 IRRIGATED CROP ACREAGES (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN ZONE 5

| | LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEAN | SGRBEET | WHEAT |
|----------------|------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|---------|---------|-------|
| TREND: | 10 | 0 | 139 | 557 | 0 | 1126 | 128 | 0 | 0 | 0 | 2 | 358 | 0 | 67 | 0 |
| | 11 | 0 | 0 | 0 | 0 | 81 | 0 | 0 | 39 | 0 | 0 | 159 | 0 | 24 | 0 |
| | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 257 | 0 | 0 | 0 |
| | 13 | 0 | 0 | 177 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 |
| | 14 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 139 | 0 | 3 | 3 |
| | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 0 | 0 | 0 |
| | 16 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 22 | 0 | 0 | 0 | 0 | 21 | 0 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 57 | 0 | 0 | 1507 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | 10 | 0 | 101 | 557 | 0 | 1126 | 128 | 0 | 0 | 0 | 2 | 363 | 0 | 67 | 0 |
| | 11 | 0 | 0 | 0 | 0 | 79 | 0 | 0 | 38 | 0 | 0 | 166 | 0 | 23 | 0 |
| | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 262 | 0 | 0 | 0 |
| | 13 | 0 | 0 | 175 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 |
| | 14 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 141 | 0 | 2 | 2 |
| | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 2 | 0 |
| | 16 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 22 | 0 | 0 | 0 | 0 | 21 | 0 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 56 | 0 | 0 | 1551 | 0 | 0 | 0 | 0 |
| FRAGILE: | 10 | 0 | 187 | 557 | 0 | 1126 | 128 | 0 | 0 | 0 | 2 | 365 | 0 | 67 | 1 |
| | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 281 | 0 | 0 | 0 |
| | 12 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 0 | 52 | 0 |
| | 13 | 0 | 0 | 180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 |
| | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 152 | 0 | 0 | 0 |
| | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0 | 0 |
| | 16 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 7 | 0 | 11 | 7 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1578 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | 10 | 0 | 101 | 557 | 0 | 1126 | 128 | 0 | 0 | 0 | 2 | 368 | 0 | 67 | 1 |
| | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 284 | 0 | 0 | 0 |
| | 12 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 | 0 | 54 | 0 |
| | 13 | 0 | 0 | 177 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 |
| | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150 | 0 | 0 | 0 |
| | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0 | 0 |
| | 16 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 9 | 9 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1544 | 0 | 0 | 0 | 0 | 0 |

TABLE 20.3 (CONTINUED)

| LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEANS | SGRBEET | WHEAT |
|-------------------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|----------|---------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | | |
| 10 | 0 | 205 | 557 | 0 | 1126 | 128 | 0 | 0 | 0 | 2 | 357 | 0 | 67 | 0 |
| 11 | 0 | 0 | 0 | 0 | 81 | 0 | 0 | 39 | 0 | 0 | 158 | 0 | 24 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 257 | 0 | 0 | 0 |
| 13 | 0 | 0 | 176 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 |
| 14 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 140 | 0 | 3 | 3 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 43 | 0 | 0 | 22 | 0 | 0 | 0 | 0 | 21 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 57 | 0 | 0 | 1543 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | | |
| 10 | 476 | 205 | 453 | 0 | 745 | 30 | 0 | 0 | 0 | 0 | 375 | 0 | 45 | 0 |
| 11 | 24 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 14 | 252 | 0 | 26 | 32 |
| 12 | 0 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 235 | 0 | 0 | 0 |
| 13 | 0 | 0 | 177 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 |
| 14 | 39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37 | 0 | 37 | 39 |
| 15 | 0 | 49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 0 |
| 16 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 0 | 21 | 22 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1652 | 0 | 0 | 0 | 0 | 0 |
| SOIL LOSS: | | | | | | | | | | | | | | |
| 10 | 33 | 205 | 552 | 0 | 1108 | 113 | 0 | 0 | 0 | 2 | 358 | 0 | 67 | 0 |
| 11 | 0 | 0 | 0 | 0 | 104 | 0 | 0 | 38 | 0 | 0 | 127 | 0 | 30 | 12 |
| 12 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 256 | 0 | 0 | 0 |
| 13 | 0 | 0 | 177 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 147 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 72 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 23 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 11 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 57 | 0 | 0 | 1564 | 0 | 0 | 0 | 0 | 0 |

TABLE 20.4 DRYLAND CROP PRODUCTION (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN ZONE 5

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEAN BU | SGRBEET TONS | WHEAT BU |
|----------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|---------------|-----------------|-------------|
| TREND: | | | | | | | | | | | | | |
| 1 | 201563 | 0 | 0 | 0 | 70 | 1439 | 0 | 0 | 1359 | 0 | 0 | 0 | 46643 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 444 | 0 | 17 | 2 | 0 | 0 | 667 |
| 3 | 0 | 5679 | 0 | 0 | 0 | 0 | 6748 | 0 | 0 | 0 | 0 | 0 | 12919 |
| 4 | 0 | 1017 | 0 | 0 | 1 | 151 | 1808 | 0 | 0 | 0 | 0 | 0 | 158 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 3199 | 0 | 0 | 0 | 0 | 0 | 23316 |
| 6 | 0 | 1146 | 0 | 0 | 0 | 0 | 335 | 0 | 1002 | 0 | 0 | 0 | 3131 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 2184 | 174 | 8141 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | | | | | | | | | | | | | |
| 1 | 181646 | 0 | 0 | 0 | 0 | 3101 | 0 | 0 | 1359 | 0 | 0 | 0 | 46637 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 448 | 0 | 17 | 2 | 0 | 0 | 675 |
| 3 | 0 | 5679 | 0 | 0 | 0 | 0 | 6820 | 0 | 0 | 0 | 0 | 0 | 13097 |
| 4 | 0 | 1067 | 0 | 0 | 0 | 152 | 1791 | 0 | 0 | 0 | 0 | 0 | 165 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 3186 | 0 | 0 | 0 | 0 | 0 | 23217 |
| 6 | 0 | 1114 | 0 | 0 | 0 | 0 | 335 | 0 | 1002 | 0 | 0 | 0 | 3113 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 2192 | 40 | 8137 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | | | | | | | | | | | | | |
| 1 | 175339 | 0 | 0 | 0 | 581 | 4536 | 46 | 0 | 1359 | 0 | 0 | 0 | 46515 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 460 | 0 | 12 | 2 | 0 | 0 | 642 |
| 3 | 0 | 0 | 0 | 0 | 0 | 1165 | 9055 | 0 | 830 | 0 | 0 | 0 | 8854 |
| 4 | 0 | 2831 | 29 | 0 | 0 | 152 | 1537 | 0 | 186 | 0 | 0 | 0 | 552 |
| 5 | 0 | 5012 | 0 | 0 | 0 | 0 | 3182 | 0 | 0 | 0 | 73 | 0 | 20069 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 246 | 0 | 415 | 0 | 0 | 0 | 1095 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8348 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | | | | | | | | | | | | | |
| 1 | 177797 | 0 | 0 | 0 | 602 | 4171 | 688 | 0 | 1359 | 0 | 0 | 0 | 46515 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 460 | 0 | 17 | 2 | 0 | 0 | 853 |
| 3 | 0 | 0 | 0 | 0 | 0 | 1299 | 9654 | 0 | 835 | 0 | 0 | 0 | 8876 |
| 4 | 0 | 2831 | 0 | 0 | 0 | 152 | 1579 | 0 | 24 | 0 | 0 | 0 | 445 |
| 5 | 0 | 5012 | 0 | 0 | 0 | 0 | 3154 | 0 | 0 | 0 | 0 | 0 | 20591 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 245 | 0 | 412 | 0 | 0 | 0 | 1086 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8348 | 0 | 0 | 0 | 0 | 0 |

TABLE 20.4 (CONTINUED)

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|-------------------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | |
| 1 | 180743 | 0 | 0 | 0 | 0 | 3171 | 0 | 0 | 1359 | 0 | 0 | 0 | 46634 |
| 2 | 0 | 1 | 0 | 0 | 0 | 0 | 443 | 0 | 17 | 2 | 0 | 0 | 663 |
| 3 | 0 | 5679 | 0 | 0 | 0 | 0 | 6745 | 0 | 0 | 0 | 0 | 0 | 12873 |
| 4 | 0 | 1023 | 0 | 0 | 0 | 152 | 1804 | 0 | 0 | 0 | 0 | 0 | 159 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 3205 | 0 | 0 | 0 | 0 | 0 | 23250 |
| 6 | 0 | 1142 | 0 | 0 | 0 | 0 | 372 | 0 | 990 | 0 | 0 | 0 | 3088 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 74 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 2184 | 130 | 8138 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | |
| 1 | 84142 | 0 | 1213 | 0 | 5852 | 4721 | 88347 | 0 | 1359 | 0 | 0 | 0 | 46643 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 422 | 0 | 17 | 2 | 0 | 0 | 667 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 5722 | 0 | 1341 | 0 | 0 | 0 | 17054 |
| 4 | 0 | 0 | 0 | 0 | 102 | 73 | 1932 | 0 | 0 | 307 | 0 | 0 | 13824 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 3199 | 0 | 0 | 0 | 0 | 0 | 23316 |
| 6 | 0 | 1967 | 0 | 0 | 0 | 0 | 1391 | 0 | 13 | 0 | 0 | 0 | 15300 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0 | 0 | 0 | 0 | 921 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 2299 | 1190 | 8132 | 0 | 0 | 0 | 0 | 2603 |
| SOIL LOSS: | | | | | | | | | | | | | |
| 1 | 85537 | 0 | 58 | 0 | 932 | 2872 | 28032 | 0 | 1359 | 0 | 0 | 0 | 46643 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 444 | 0 | 17 | 2 | 0 | 0 | 667 |
| 3 | 0 | 5679 | 0 | 0 | 0 | 0 | 6169 | 0 | 257 | 0 | 0 | 0 | 14194 |
| 4 | 0 | 0 | 0 | 0 | 0 | 152 | 1939 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 983 | 0 | 0 | 0 | 0 | 0 | 23316 |
| 6 | 0 | 1878 | 0 | 0 | 0 | 0 | 304 | 0 | 848 | 0 | 0 | 0 | 3108 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 74 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 2295 | 0 | 8137 | 0 | 0 | 0 | 0 | 0 |

TABLE 20.5 IRRIGATED CROP PRODUCTION (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN ZONE 5

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TOSN | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|----------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| TREND: | | | | | | | | | | | | | |
| 10 | 2 | 19117 | 10910 | 0 | 4833 | 351 | 0 | 0 | 275 | 8107 | 0 | 1464 | 0 |
| 11 | 0 | 0 | 0 | 0 | 422 | 0 | 4040 | 0 | 0 | 3381 | 0 | 660 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5785 | 0 | 0 | 0 |
| 13 | 0 | 0 | 3248 | 0 | 0 | 0 | 0 | 0 | 0 | 182 | 0 | 0 | 0 |
| 14 | 239 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2362 | 0 | 66 | 156 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 323 | 0 | 1 | 0 |
| 16 | 0 | 0 | 0 | 0 | 116 | 0 | 1034 | 0 | 0 | 0 | 0 | 481 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 325 | 0 | 996 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | | | | | | | | | | | | | |
| 10 | 2 | 13953 | 10910 | 0 | 4833 | 351 | 0 | 0 | 275 | 8221 | 0 | 1464 | 0 |
| 11 | 0 | 0 | 0 | 0 | 410 | 0 | 3925 | 0 | 0 | 3529 | 0 | 641 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5861 | 0 | 0 | 0 |
| 13 | 0 | 0 | 3205 | 0 | 0 | 0 | 0 | 0 | 0 | 177 | 0 | 0 | 0 |
| 14 | 166 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2411 | 0 | 46 | 108 |
| 15 | 0 | 0 | 0 | 0 | 12 | 0 | 106 | 0 | 0 | 0 | 0 | 32 | 0 |
| 16 | 0 | 0 | 0 | 0 | 116 | 0 | 1030 | 0 | 0 | 0 | 0 | 479 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 320 | 0 | 1016 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | | | | | | | | | | | | | |
| 10 | 2 | 25792 | 10910 | 0 | 4833 | 351 | 0 | 0 | 275 | 8267 | 0 | 1464 | 33 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5956 | 0 | 0 | 0 |
| 12 | 6633 | 0 | 0 | 0 | 0 | 524 | 0 | 0 | 0 | 837 | 0 | 1513 | 0 |
| 13 | 0 | 0 | 3298 | 0 | 0 | 0 | 0 | 0 | 0 | 172 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2589 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 676 | 0 | 0 | 0 |
| 16 | 341 | 0 | 0 | 0 | 21 | 0 | 186 | 0 | 0 | 83 | 0 | 226 | 222 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1027 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | | | | | | | | | | | | | |
| 10 | 2 | 13875 | 10910 | 0 | 4833 | 351 | 0 | 0 | 275 | 8352 | 0 | 1464 | 33 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6020 | 0 | 0 | 0 |
| 12 | 6798 | 0 | 0 | 0 | 0 | 537 | 0 | 0 | 0 | 774 | 0 | 1551 | 0 |
| 13 | 0 | 0 | 3249 | 0 | 0 | 0 | 0 | 0 | 0 | 164 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2550 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 666 | 0 | 0 | 0 |
| 16 | 461 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 112 | 0 | 198 | 300 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1013 | 0 | 0 | 0 | 0 | 0 |

TABLE 20.5 (CONTINUED)

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|-------------------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | |
| 10 | 2 | 28265 | 10910 | 0 | 4833 | 351 | 0 | 0 | 275 | 8096 | 0 | 1464 | 0 |
| 11 | 0 | 0 | 0 | 0 | 422 | 0 | 4033 | 0 | 0 | 3359 | 0 | 659 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5762 | 0 | 0 | 0 |
| 13 | 0 | 0 | 3222 | 0 | 0 | 0 | 0 | 0 | 0 | 185 | 0 | 0 | 0 |
| 14 | 238 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2379 | 0 | 66 | 155 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 363 | 0 | 1 | 0 |
| 16 | 0 | 0 | 0 | 0 | 116 | 0 | 1035 | 0 | 0 | 0 | 0 | 482 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 321 | 0 | 1213 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | |
| 10 | 38005 | 28265 | 8719 | 0 | 3101 | 83 | 0 | 0 | 0 | 8490 | 0 | 804 | 0 |
| 11 | 2217 | 0 | 0 | 0 | 85 | 0 | 0 | 0 | 1486 | 5343 | 0 | 692 | 2291 |
| 12 | 0 | 3638 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5258 | 0 | 0 | 0 |
| 13 | 0 | 0 | 3248 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 0 | 0 | 0 |
| 14 | 2995 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 628 | 0 | 824 | 1948 |
| 15 | 0 | 5053 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 312 | 0 | 1 | 0 |
| 16 | 1080 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 264 | 0 | 440 | 703 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1074 | 0 | 0 | 0 | 0 | 0 |
| SOIL LOSS: | | | | | | | | | | | | | |
| 10 | 2643 | 28190 | 19805 | 0 | 4753 | 310 | 0 | 0 | 275 | 8107 | 0 | 1464 | 0 |
| 11 | 0 | 0 | 0 | 0 | 540 | 0 | 3887 | 0 | 0 | 2696 | 0 | 842 | 962 |
| 12 | 47 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 5729 | 0 | 11 | 0 |
| 13 | 0 | 0 | 3248 | 0 | 0 | 0 | 0 | 0 | 0 | 182 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2513 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1002 | 0 | 1 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 553 | 0 | 0 | 0 | 0 | 257 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 325 | 0 | 1024 | 0 | 0 | 0 | 0 | 0 |

TABLE 20.6 QUANTITIES OF CROP COMMODITIES PRODUCED (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN ZONE 5

| | UNIT | PRODUCED | INTER | CONSUMED | NET EXPORT | |
|----------------|----------|----------|--------|----------|------------|---------|
| TREND: | CORN | BU | 26959 | 32379 | 8707 | -14127 |
| | SORGHUM | BU | 2654 | 12460 | 195 | -10002 |
| | BARLEY | BU | 201275 | 152626 | 3040 | 45139 |
| | OATS | BU | 17330 | 112816 | 1478 | -95454 |
| | WHEAT | BU | 86989 | 7039 | 9753 | 70196 |
| | SOYBEANS | BU | 0 | 37,157 | 7,183 | -44,340 |
| | COTTON | BALES | 0 | 0 | 91 | -91 |
| PRIME LANDS: | CORN | BU | 21813 | 32379 | 8707 | -19273 |
| | SORGHUM | BU | 2654 | 12460 | 195 | -10002 |
| | BARLEY | BU | 181814 | 152626 | 3040 | 26148 |
| | OATS | BU | 17730 | 112816 | 1478 | -95554 |
| | WHEAT | BU | 87013 | 7039 | 9753 | 70221 |
| | SOYBEANS | BU | 0 | 37,157 | 7,183 | -44,340 |
| | COTTON | BALES | 0 | 0 | 91 | -91 |
| FRAGILE: | CORN | BU | 33635 | 32379 | 8707 | -7451 |
| | SORGHUM | BU | 3077 | 12460 | 195 | -9578 |
| | BARLEY | BU | 182315 | 152626 | 3040 | 26649 |
| | OATS | BU | 14760 | 112816 | 1478 | -99534 |
| | WHEAT | BU | 77982 | 7039 | 9753 | 61191 |
| | SOYBEANS | BU | 72 | 37,157 | 7,183 | -44,266 |
| | COTTON | BALES | 0 | 0 | 91 | -91 |
| PRIME-FRAGILE: | CORN | BU | 21718 | 32379 | 8707 | -19368 |
| | SORGHUM | BU | 2921 | 12460 | 195 | -9734 |
| | BARLEY | BU | 185058 | 152626 | 3040 | 29392 |
| | OATS | BU | 15830 | 112816 | 1478 | -98464 |
| | WHEAT | BU | 78699 | 7039 | 9753 | 61908 |
| | SOYBEANS | BU | 8 | 37,157 | 7,183 | -44,330 |
| | COTTON | BALES | 0 | 0 | 91 | -91 |
| ENV. CORR. | CORN | BU | 36111 | 32379 | 8707 | -4975 |
| | SORGHUM | BU | 2642 | 12460 | 195 | -10014 |
| | BARLEY | BU | 180984 | 152626 | 3040 | 25318 |
| | OATS | BU | 17773 | 112816 | 1478 | -96521 |
| | WHEAT | BU | 86896 | 7039 | 9753 | 70105 |
| | SOYBEANS | BU | 0 | 37,157 | 7,183 | -44,340 |
| | COTTON | BALES | 0 | 0 | 91 | -91 |
| HIGH EXPORT: | CORN | BU | 38924 | 32379 | 8707 | -2162 |
| | SORGHUM | BU | 4219 | 12460 | 195 | -8436 |
| | BARLEY | BU | 128438 | 152626 | 3040 | -27228 |
| | OATS | BU | 102250 | 112816 | 1478 | -12044 |
| | WHEAT | BU | 125270 | 7039 | 9753 | 108479 |
| | SOYBEANS | BU | 0 | 37,157 | 7,183 | -44,340 |
| | COTTON | BALES | 0 | 0 | 91 | -91 |
| SOIL LOSS: | CORN | BU | 35746 | 32379 | 8707 | -5339 |
| | SORGHUM | BU | 2758 | 12460 | 195 | -9898 |
| | BARLEY | BU | 88227 | 152626 | 3040 | -67439 |
| | OATS | BU | 42311 | 112816 | 1478 | -71983 |
| | WHEAT | BU | 88964 | 7039 | 9753 | 72173 |
| | SOYBEANS | BU | 0 | 37,157 | 7,183 | -44,340 |
| | COTTON | BALES | 0 | 0 | 91 | -91 |

TABLE 20.7 RESOURCE USE IN CROP PRODUCTION (THOUSANDS OF DOLLARS) UNDER ALTERNATIVE FUTURES IN ZONE 5

| TREND: | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|------------|-------|-------|-------|------|----------|-------|-------|
| BARLEY | 24090 | 266 | 10756 | 3114 | 15129 | 92872 | 2 |
| CORN G | 1025 | 12147 | 1410 | 2085 | 505 | 9095 | 218 |
| CORN S | 12915 | 28356 | 12103 | 4642 | 4717 | 39403 | 2300 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 43740 | 21092 | 22375 | 130 | 20347 | 76702 | 6369 |
| HAY N | 25350 | 4151 | 15734 | 181 | 11267 | 80476 | 7306 |
| S FALLOW | 35332 | 0 | 2581 | 0 | 77477 | 12417 | 0 |
| OATS | 4570 | 1443 | 764 | 82 | 1031 | 5547 | 60 |
| SORG G | 359 | 79 | 228 | 58 | 205 | 2566 | 38 |
| SORG S | 49371 | 28725 | 11093 | 775 | 1964 | 38368 | 837 |
| SOYBEANS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUGAR BEET | 4480 | 5393 | 8450 | 6091 | 1541 | 10549 | 1720 |
| WHEAT | 16890 | 58 | 6564 | 4038 | 6082 | 60431 | 254 |

PRIME LANDS:

| | | | | | | | |
|------------|-------|-------|-------|------|-------|--------|-------|
| BARLEY | 25531 | 240 | 9534 | 2939 | 13250 | 82049 | 2 |
| CORN G | 860 | 8330 | 1162 | 1720 | 444 | 7739 | 179 |
| CORN S | 14338 | 27054 | 12061 | 4623 | 4707 | 39264 | 2392 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 43183 | 21767 | 22178 | 125 | 20025 | 75665 | 6733 |
| HAY N | 27923 | 4021 | 21513 | 208 | 15531 | 110167 | 10477 |
| S FALLOW | 32379 | 0 | 2397 | 0 | 66224 | 11500 | 0 |
| OATS | 4255 | 1465 | 752 | 73 | 1013 | 5410 | 59 |
| SORG G | 307 | 77 | 228 | 58 | 205 | 2566 | 38 |
| SORG S | 50293 | 28457 | 10986 | 740 | 1948 | 37996 | 831 |
| SOYBEANS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUGAR BEET | 4549 | 5333 | 8449 | 6163 | 1541 | 10548 | 1720 |
| WHEAT | 16588 | 41 | 6567 | 4014 | 6084 | 60488 | 255 |

FRAGILE:

| | | | | | | | |
|------------|-------|-------|-------|------|-------|--------|-------|
| BARLEY | 36109 | 1701 | 9474 | 2495 | 13078 | 79980 | 10 |
| CORN G | 731 | 17034 | 1740 | 3778 | 584 | 10911 | 269 |
| CORN S | 17612 | 29185 | 12198 | 5664 | 4739 | 39778 | 2321 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 40523 | 17587 | 22795 | 128 | 23914 | 80554 | 7029 |
| HAY N | 47480 | 7356 | 25223 | 191 | 17113 | 128941 | 12295 |
| S FALLOW | 47936 | 0 | 2284 | 0 | 63532 | 10892 | 0 |
| OATS | 5087 | 83 | 651 | 100 | 1050 | 5738 | 62 |
| SORG G | 570 | 76 | 230 | 41 | 210 | 2582 | 36 |
| SORG S | 55117 | 29272 | 11359 | 847 | 2009 | 39288 | 856 |
| SOYBEANS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUGAR BEET | 6453 | 5333 | 8472 | 6834 | 856 | 10576 | 1720 |
| WHEAT | 20707 | 125 | 5844 | 3893 | 5673 | 53620 | 202 |

PRIME FRAGILE:

| | | | | | | | |
|------------|-------|-------|-------|------|-------|--------|-------|
| BARLEY | 29179 | 1759 | 9642 | 2544 | 13334 | 81340 | 10 |
| CORN G | 462 | 8200 | 1166 | 2239 | 444 | 7774 | 179 |
| CORN S | 16167 | 26769 | 12104 | 5148 | 4717 | 39400 | 2300 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 43673 | 16863 | 22877 | 127 | 24072 | 81121 | 7075 |
| HAY N | 43126 | 7407 | 24055 | 183 | 16612 | 122990 | 11754 |
| S FALLOW | 36968 | 0 | 2313 | 0 | 64971 | 11036 | 0 |
| OATS | 5076 | 0 | 704 | 105 | 1140 | 6313 | 67 |
| SORG G | 467 | 72 | 230 | 38 | 210 | 2582 | 36 |
| SORG S | 54964 | 28911 | 11404 | 668 | 2017 | 39445 | 860 |
| SOYBEANS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUGAR BEET | 6261 | 5171 | 8488 | 6308 | 832 | 10595 | 1720 |
| WHEAT | 15976 | 167 | 6038 | 3634 | 5759 | 55008 | 213 |

TABLE 20.7 (CONTINUED)

| | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|-------------------------|--------|-------|-------|-------|----------|--------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| BARLEY | 31483 | 266 | 9485 | 2561 | 13172 | 81649 | 2 |
| CORN G | 1021 | 18012 | 1851 | 2724 | 613 | 11503 | 287 |
| CORN S | 15632 | 28354 | 12077 | 4630 | 4711 | 39318 | 2295 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 53802 | 22079 | 22143 | 125 | 19991 | 75500 | 5723 |
| HAY N | 34182 | 4114 | 21704 | 209 | 15579 | 111120 | 11010 |
| S FALLOW | 47512 | 0 | 2387 | 0 | 65723 | 11452 | 0 |
| OATS | 4663 | 1443 | 758 | 81 | 1023 | 5488 | 60 |
| SORG G | 358 | 79 | 218 | 58 | 209 | 2560 | 35 |
| SORG S | 49339 | 28882 | 11127 | 782 | 1970 | 38484 | 340 |
| SOYBEANS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUGAR BEET | 4838 | 5403 | 8450 | 6093 | 1541 | 10549 | 1720 |
| WHEAT | 20679 | 58 | 6554 | 3900 | 6076 | 60336 | 250 |
| HIGH EXPORT: | | | | | | | |
| BARLEY | 59406 | 7034 | 9644 | 2384 | 8046 | 65422 | 11 |
| CORN G | 4329 | 27689 | 2124 | 5029 | 673 | 12370 | 335 |
| CORN S | 28324 | 25622 | 12187 | 6380 | 4532 | 41751 | 2191 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 110739 | 7134 | 35473 | 208 | 47531 | 160853 | 16490 |
| HAY N | 81979 | 604 | 26172 | 467 | 18955 | 136341 | 13486 |
| S FALLOW | 81746 | 0 | 1760 | 0 | 30787 | 8843 | 0 |
| OATS | 55964 | 0 | 4750 | 1444 | 6688 | 39424 | 68 |
| SORG G | 1522 | 236 | 235 | 35 | 212 | 2608 | 37 |
| SORG S | 76286 | 42830 | 11646 | 860 | 2055 | 40421 | 891 |
| SOYBEANS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUGAR BEET | 5761 | 7817 | 8885 | 13839 | 803 | 11075 | 1720 |
| WHEAT | 84151 | 2163 | 10041 | 7178 | 8103 | 93502 | 483 |
| SOIL LOSS: | | | | | | | |
| BARLEY | 15937 | 604 | 4237 | 966 | 5027 | 34505 | 2 |
| CORN G | 1224 | 19274 | 1856 | 2184 | 613 | 11543 | 287 |
| CORN S | 16630 | 29443 | 12107 | 4253 | 4708 | 39516 | 2295 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 59597 | 22780 | 24934 | 112 | 24256 | 90640 | 8583 |
| HAY N | 41860 | 4516 | 20799 | 224 | 14848 | 106995 | 10380 |
| S FALLOW | 26502 | 0 | 1520 | 0 | 26674 | 7273 | 0 |
| OATS | 10494 | 1207 | 1984 | 399 | 2740 | 15711 | 55 |
| SORG G | 494 | 80 | 231 | 43 | 207 | 2593 | 36 |
| SORG S | 48646 | 29817 | 11403 | 1195 | 2014 | 39442 | 858 |
| SOYBEANS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUGAR BEET | 5618 | 5480 | 8430 | 4983 | 1492 | 10525 | 1720 |
| WHEAT | 18011 | 270 | 6636 | 3797 | 6136 | 60893 | 256 |

TABLE 20.8. QUANTITY OF WATER (THOUSANDS OF ACRE FEET) USED FOR IRRIGATION UNDER SEVEN ALTERNATIVE FUTURES IN ZONE 5

| ALTERNATIVE FUTURE | QUANTITY OF WATER |
|------------------------|-------------------|
| TREND | 5,883 |
| PRIME | 5,810 |
| FRAGILE | 5,854 |
| PRIME-FRAGILE | 5,701 |
| ENVIRONMENTAL CORRIDOR | 5,995 |
| HIGH EXPORT | 5,362 |
| SOIL LOSS | 6,010 |

CHAPTER 21. ZONE 6

Note: Dryland crop acreage in table 2 of this chapter includes the acreage on land that could have been irrigated.

TABLE 21.1 LAND USE (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN ZONE 6

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXO G USED | TOT USED |
|-----------------------|-----------|---------|---------|----------|----------|------------|----------|
| TREND: | | | | | | | |
| LC 1-0 | 10734 | 0 | -461 | 10070 | 0 | 664 | 10734 |
| LC 2-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1-1 | 6459 | 0 | 461 | 677 | 4229 | 1553 | 6459 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 86327 | 0 | 0 | 86327 | 0 | 0 | 86327 |
| PAST 1 | 1729 | 0 | 0 | 608 | 1121 | 0 | 1729 |
| LC 1 TO 5 | 17193 | 0 | 0 | 10747 | 4229 | 2217 | 17193 |
| LC 6 TO 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOT CRPLND | 17193 | 0 | 0 | 10747 | 4229 | 2217 | 17193 |
| PRIME LANDS: | | | | | | | |
| LC 1-0 | 10734 | 0 | -461 | 10070 | 0 | 664 | 10734 |
| LC 2-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1-1 | 6459 | 0 | 461 | 677 | 4229 | 1553 | 6459 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 86327 | 0 | 0 | 86327 | 0 | 0 | 86327 |
| PAST 1 | 1729 | 0 | 0 | 609 | 1121 | 0 | 1729 |
| LC 1 TO 5 | 17193 | 0 | 0 | 10747 | 4229 | 2217 | 17193 |
| LC 6 TO 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOT CRPLND | 17193 | 0 | 0 | 10747 | 4229 | 2217 | 17193 |
| FRAGILE: | | | | | | | |
| LC 1-0 | 10734 | 0 | -461 | 10070 | 0 | 664 | 10734 |
| LC 2-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1-1 | 6459 | 0 | 461 | 677 | 4229 | 1553 | 6459 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 86327 | 0 | 0 | 86327 | 0 | 0 | 86327 |
| PAST 1 | 1729 | 0 | 0 | 609 | 1121 | 0 | 1729 |
| LC 1 TO 5 | 17193 | 0 | 0 | 10747 | 4229 | 2217 | 17193 |
| LC 6 TO 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOT CRPLND | 17193 | 0 | 0 | 10747 | 4229 | 2217 | 17193 |
| PRIME-FRAGILE: | | | | | | | |
| LC 1-0 | 11324 | 0 | -461 | 10660 | 0 | 664 | 11324 |
| LC 2-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1-1 | 6457 | 0 | 461 | 677 | 4227 | 1553 | 6457 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 86327 | 0 | 0 | 86327 | 0 | 0 | 86327 |
| PAST 1 | 1729 | 0 | 0 | 609 | 1121 | 0 | 1729 |
| LC 1 TO 5 | 17781 | 0 | 0 | 11337 | 4227 | 2217 | 17781 |
| LC 6 TO 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOT CRPLND | 17781 | 0 | 0 | 11337 | 4227 | 2217 | 17781 |

TABLE 21.1 (CONTINUED)

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXOG USED | TOT USED |
|--------------------------------|-----------|---------|---------|----------|----------|-----------|----------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| LC 1-0 | 10737 | 0 | -461 | 10072 | 0 | 664 | 10737 |
| LC 2-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1-1 | 6457 | 0 | 461 | 677 | 4227 | 1553 | 6457 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 86327 | 0 | 0 | 86327 | 0 | 0 | 86327 |
| PAST 1 | 1729 | 0 | 0 | 609 | 1121 | 0 | 1729 |
| LC 1 TO 5 | 17193 | 0 | 0 | 10750 | 4227 | 2217 | 17193 |
| LC 6 TO 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOT CRPLND | 17193 | 0 | 0 | 10750 | 4227 | 2217 | 17193 |
| HIGH EXPORT: | | | | | | | |
| LC 1-0 | 10734 | 0 | -461 | 10070 | 0 | 664 | 10734 |
| LC 2-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1-1 | 6459 | 0 | 461 | 346 | 4560 | 1553 | 6459 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 86327 | 0 | 0 | 86327 | 0 | 0 | 86327 |
| PAST 1 | 1729 | 0 | 0 | 741 | 988 | 0 | 1729 |
| LC 1 TO 5 | 17193 | 0 | 0 | 10416 | 4560 | 2217 | 17193 |
| LC 6 TO 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOT CRPLND | 17193 | 0 | 0 | 10416 | 4560 | 2217 | 17193 |
| SOIL LOSS: | | | | | | | |
| LC 1-0 | 10734 | 0 | -461 | 10070 | 0 | 664 | 10734 |
| LC 2-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1-1 | 6459 | 0 | 461 | 569 | 4337 | 1553 | 6459 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 86327 | 0 | 0 | 86327 | 0 | 0 | 86327 |
| PAST 1 | 1729 | 0 | 0 | 741 | 988 | 0 | 1729 |
| LC 1 TO 5 | 17193 | 0 | 0 | 10639 | 4337 | 2217 | 17193 |
| LC 6 TO 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOT CRPLND | 17193 | 0 | 0 | 10639 | 4337 | 2217 | 17193 |

TABLE 21.2 DRYLAND CROP ACREAGES (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN ZONE 6

| | LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEAN | SGRBEET | WHEAT |
|----------------|------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|---------|---------|-------|
| TREND: | 1 | 274 | 0 | 0 | 0 | 0 | 1028 | 4001 | 92 | 0 | 0 | 0 | 0 | 0 | 5352 |
| | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 86936 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | 1 | 274 | 0 | 0 | 0 | 0 | 1028 | 4000 | 92 | 0 | 0 | 0 | 0 | 0 | 5352 |
| | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 86936 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | 1 | 274 | 0 | 0 | 0 | 0 | 1028 | 4000 | 92 | 0 | 0 | 0 | 0 | 0 | 5352 |
| | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 86936 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | 1 | 543 | 0 | 0 | 0 | 0 | 1021 | 4212 | 92 | 0 | 0 | 0 | 0 | 0 | 5409 |
| | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 86936 | 0 | 0 | 0 | 0 | 0 |

TABLE 21.2 (CONTINUED)

| | LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEANS | SGRBEET | WHEAT |
|-------------------------|------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|----------|---------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | | | |
| 1 | | 274 | 0 | 0 | 0 | 0 | 1028 | 4001 | 92 | 0 | 0 | 0 | 0 | 0 | 5354 |
| 2 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 86936 | 0 | 0 | 0 | 0 | 0 |
| 9 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | | | |
| 1 | | 274 | 0 | 126 | 0 | 157 | 1445 | 3579 | 105 | 0 | 0 | 0 | 0 | 0 | 4729 |
| 2 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 87068 | 0 | 0 | 0 | 0 | 0 |
| 9 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOIL LOSS: | | | | | | | | | | | | | | | |
| 1 | | 564 | 0 | 126 | 0 | 0 | 850 | 3899 | 96 | 0 | 0 | 0 | 0 | 0 | 5103 |
| 2 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 87068 | 0 | 0 | 0 | 0 | 0 |
| 9 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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TABLE 21.3 IRRIGATED CROP ACREAGES (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN ZONE 6

| TREND: | LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEAN | SGRBEET | WHEAT |
|----------------|------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|---------|---------|-------|
| | 10 | 244 | 359 | 712 | 0 | 2241 | 387 | 0 | 0 | 0 | 0 | 0 | 0 | 98 | 139 |
| | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1121 | 0 | 0 | 0 | 0 | 0 |
| | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | 10 | 244 | 359 | 712 | 0 | 2241 | 387 | 0 | 0 | 0 | 0 | 0 | 0 | 98 | 189 |
| | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1121 | 0 | 0 | 0 | 0 | 0 |
| | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | 10 | 244 | 359 | 712 | 0 | 2241 | 387 | 0 | 0 | 0 | 0 | 0 | 0 | 98 | 189 |
| | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1121 | 0 | 0 | 0 | 0 | 0 |
| | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | 10 | 244 | 359 | 712 | 0 | 2241 | 387 | 0 | 0 | 0 | 0 | 0 | 0 | 98 | 186 |
| | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1121 | 0 | 0 | 0 | 0 | 0 |
| | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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TABLE 21.4 DRYLAND CROP PRODUCTION (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN ZONE 6

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEAN BU | SGRBEET TONS | WHEAT BU |
|----------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|---------------|-----------------|-------------|
| TREND: | | | | | | | | | | | | | |
| 1 | 11918 | 000000 | 000000 | 000000 | 000000 | 2586 | 5484 | 000000 | 000000 | 000000 | 000000 | 000000 | 198031 |
| 2 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 |
| 3 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 |
| 4 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 |
| 5 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 |
| 6 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 |
| 7 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 |
| 8 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 4665 | 000000 | 000000 | 000000 | 000000 | 000000 |
| 9 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 |
| PRIME LANDS: | | | | | | | | | | | | | |
| 1 | 11918 | 000000 | 000000 | 000000 | 000000 | 2587 | 5483 | 000000 | 000000 | 000000 | 000000 | 000000 | 198031 |
| 2 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 |
| 3 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 |
| 4 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 |
| 5 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 |
| 6 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 |
| 7 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 |
| 8 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 4665 | 000000 | 000000 | 000000 | 000000 | 000000 |
| 9 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 |
| FRAGILE: | | | | | | | | | | | | | |
| 1 | 12412 | 000000 | 000000 | 000000 | 000000 | 2587 | 5488 | 000000 | 000000 | 000000 | 000000 | 000000 | 198457 |
| 2 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 |
| 3 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 |
| 4 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 |
| 5 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 |
| 6 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 |
| 7 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 |
| 8 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 4665 | 000000 | 000000 | 000000 | 000000 | 000000 |
| 9 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 |
| PRIME-FRAGILE: | | | | | | | | | | | | | |
| 1 | 23568 | 000000 | 000000 | 000000 | 000000 | 2576 | 5488 | 000000 | 000000 | 000000 | 000000 | 000000 | 202367 |
| 2 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 |
| 3 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 |
| 4 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 |
| 5 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 |
| 6 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 |
| 7 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 |
| 8 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 4665 | 000000 | 000000 | 000000 | 000000 | 000000 |
| 9 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 | 000000 |

TABLE 21.4 (CONTINUED)

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|-------------------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | |
| 1 | 12412 | 0 | 0 | 0 | 0 | 2587 | 5488 | 0 | 0 | 0 | 0 | 0 | 198531 |
| | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 |
| | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 |
| | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 |
| | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 4665 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 |
| HIGH EXPORT: | | | | | | | | | | | | | |
| 1 | 12412 | 0 | 2156 | 0 | 500 | 3553 | 6012 | 0 | 0 | 0 | 0 | 0 | 177240 |
| | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 |
| | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 |
| | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 |
| | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 4681 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 |
| SOIL LOSS: | | | | | | | | | | | | | |
| 1 | 24506 | 0 | 2156 | 0 | 0 | 2161 | 5485 | 0 | 0 | 0 | 0 | 0 | 189217 |
| | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 |
| | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 |
| | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 |
| | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 4681 | 0000000000 | 0000000000 | 0000000000 | 0000000000 | 0000000000 |

TABLE 21.5 IRRIGATED CROP PRODUCTION (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN ZONE 6

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TOSN | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
|------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|

TREND:

| | | | | | | | | | | | | | |
|----|-------|-------|-------|---|-------|-----|---|-----|---|---|---|------|-------|
| 10 | 15523 | 48297 | 16891 | 0 | 10951 | 913 | 0 | 0 | 0 | 0 | 0 | 2438 | 13177 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 200 | 0 | 0 | 0 | 0 | 0 |

PRIME LANDS:

| | | | | | | | | | | | | | |
|----|-------|-------|-------|---|-------|-----|---|-----|---|---|---|------|-------|
| 10 | 15523 | 48297 | 16891 | 0 | 10951 | 913 | 0 | 0 | 0 | 0 | 0 | 2438 | 13177 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 900 | 0 | 0 | 0 | 0 | 0 |

FRAGILE:

| | | | | | | | | | | | | | |
|----|-------|-------|-------|---|-------|-----|---|-----|---|---|---|------|-------|
| 10 | 15523 | 48297 | 16891 | 0 | 10951 | 913 | 0 | 0 | 0 | 0 | 0 | 2438 | 13177 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 900 | 0 | 0 | 0 | 0 | 0 |

PRIME-FRAGILE:

| | | | | | | | | | | | | | |
|----|-------|-------|-------|---|-------|-----|---|-----|---|---|---|------|-------|
| 10 | 15523 | 48297 | 16891 | 0 | 10951 | 913 | 0 | 0 | 0 | 0 | 0 | 2438 | 13000 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 900 | 0 | 0 | 0 | 0 | 0 |

TABLE 21.5 (CONTINUED)

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|-------------------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | |
| 10 | 15523 | 48297 | 16891 | 0 | 10951 | 913 | 0 | 0 | 0 | 0 | 0 | 2438 | 13000 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 900 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | |
| 10 | 15523 | 48297 | 14735 | 0 | 10451 | 0 | 0 | 0 | 0 | 0 | 0 | 2438 | 59652 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 794 | 0 | 0 | 0 | 0 | 0 |
| SOIL LOSS: | | | | | | | | | | | | | |
| 10 | 15523 | 48297 | 14735 | 0 | 10451 | 1421 | 0 | 0 | 0 | 0 | 0 | 2438 | 13404 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 794 | 0 | 0 | 0 | 0 | 0 |

TABLE 21.6 QUANTITIES OF CROP COMMODITIES PRODUCED (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN ZONE 6

| | | UNIT | PRODUCED | INTER | CONSUMED | NET EXPORT |
|----------------|----------|-------|----------|--------|----------|------------|
| TREND: | CORN | BU | 48297 | 62284 | 18391 | -32378 |
| | SORGHUM | BU | 0 | 10770 | 399 | -11169 |
| | BARLEY | BU | 27441 | 16675 | 6379 | 4387 |
| | OATS | BU | 5488 | 1101 | 3012 | 1376 |
| | WHEAT | BU | 211201 | 1777 | 20333 | 189597 |
| | SOYBEANS | BU | 0 | 27,582 | 15,337 | -42,919 |
| | COTTON | BALES | 0 | 0 | 190 | -190 |
| PRIME LANDS: | CORN | BU | 48297 | 62284 | 18391 | -32378 |
| | SORGHUM | BU | 0 | 10770 | 399 | -11169 |
| | BARLEY | BU | 27441 | 16675 | 6379 | 4387 |
| | OATS | BU | 5488 | 1101 | 3012 | 1376 |
| | WHEAT | BU | 211201 | 1777 | 20333 | 189597 |
| | SOYBEANS | BU | 0 | 27,582 | 15,337 | -42,919 |
| | COTTON | BALES | 0 | 0 | 190 | -190 |
| FRAGILE: | CORN | BU | 48297 | 62284 | 18391 | -32378 |
| | SORGHUM | BU | 0 | 10770 | 399 | -11169 |
| | BARLEY | BU | 27935 | 16675 | 6379 | 4880 |
| | OATS | BU | 5488 | 1101 | 3012 | 1376 |
| | WHEAT | BU | 211634 | 1777 | 20333 | 189523 |
| | SOYBEANS | BU | 0 | 27,582 | 15,337 | -42,919 |
| | COTTON | BALES | 0 | 0 | 190 | -190 |
| PRIME-FRAGILE: | CORN | BU | 48297 | 62284 | 18391 | -32378 |
| | SORGHUM | BU | 0 | 10770 | 399 | -11169 |
| | BARLEY | BU | 39091 | 16675 | 6379 | 16037 |
| | OATS | BU | 5488 | 1101 | 3012 | 1376 |
| | WHEAT | BU | 215367 | 1777 | 20333 | 193256 |
| | SOYBEANS | BU | 0 | 27,582 | 15,337 | -42,919 |
| | COTTON | BALES | 0 | 0 | 190 | -190 |
| ENV. CORR. | CORN | BU | 48297 | 62284 | 18391 | -32378 |
| | SORGHUM | BU | 0 | 10770 | 399 | -11169 |
| | BARLEY | BU | 27935 | 16675 | 6379 | 4880 |
| | OATS | BU | 5488 | 1101 | 3012 | 1376 |
| | WHEAT | BU | 211531 | 1777 | 20333 | 189423 |
| | SOYBEANS | BU | 0 | 27,582 | 15,337 | -42,919 |
| | COTTON | BALES | 0 | 0 | 190 | -190 |
| HIGH EXPORT: | CORN | BU | 48297 | 62284 | 18391 | -32378 |
| | SORGHUM | BU | 0 | 10770 | 399 | -11169 |
| | BARLEY | BU | 27935 | 16675 | 6379 | 4880 |
| | OATS | BU | 6012 | 1101 | 3012 | 1900 |
| | WHEAT | BU | 236902 | 1777 | 20333 | 214791 |
| | SOYBEANS | BU | 0 | 27,582 | 15,337 | -42,919 |
| | COTTON | BALES | 0 | 0 | 190 | -190 |
| SOIL LOSS: | CORN | BU | 48297 | 62284 | 18391 | -32378 |
| | SORGHUM | BU | 0 | 10770 | 399 | -11169 |
| | BARLEY | BU | 40029 | 16675 | 6379 | 16975 |
| | OATS | BU | 5488 | 1101 | 3012 | 1376 |
| | WHEAT | BU | 202627 | 1777 | 20333 | 180516 |
| | SOYBEANS | BU | 0 | 27,582 | 15,337 | -42,919 |
| | COTTON | BALES | 0 | 0 | 190 | -190 |

TABLE 21.7 RESOURCE USE IN CROP PRODUCTION (THOUSANDS OF DOLLARS) UNDER ALTERNATIVE FUTURES IN ZONE 6

| TREND: | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|------------|-------|-------|-------|-------|----------|--------|-------|
| BARLEY | 6073 | 846 | 3809 | 545 | 2399 | 19527 | 106 |
| CORN G | 7132 | 2337 | 5015 | 11109 | 2933 | 18379 | 76 |
| CORN S | 14157 | 3871 | 19328 | 20316 | 5936 | 45663 | 2918 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 33763 | 48394 | 42655 | 239 | 24385 | 114044 | 8338 |
| HAY N | 17339 | 6113 | 14210 | 20 | 9221 | 52774 | 5702 |
| S FALLOW | 33357 | 0 | 2138 | 0 | 23397 | 11118 | 0 |
| OATS | 648 | 0 | 580 | 127 | 27 | 2715 | 55 |
| SORG G | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUGAR BEET | 1954 | 809 | 12007 | 1746 | 2917 | 11783 | 1954 |
| WHEAT | 63769 | 706 | 16974 | 14271 | 9336 | 144660 | 1619 |

PRIME LANDS:

| | | | | | | | |
|------------|-------|-------|-------|-------|-------|--------|------|
| BARLEY | 5567 | 846 | 3809 | 545 | 2399 | 19527 | 106 |
| CORN G | 5535 | 2337 | 5015 | 11109 | 2933 | 18379 | 76 |
| CORN S | 12972 | 3871 | 19328 | 20316 | 5936 | 45663 | 2918 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 30783 | 47574 | 42655 | 239 | 24385 | 114044 | 8338 |
| HAY N | 15510 | 6009 | 14213 | 20 | 9223 | 52788 | 5704 |
| S FALLOW | 29212 | 0 | 2138 | 0 | 23397 | 11118 | 0 |
| OATS | 535 | 0 | 580 | 127 | 27 | 2715 | 55 |
| SORG G | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUGAR BEET | 1791 | 809 | 12007 | 1746 | 2917 | 11783 | 1954 |
| WHEAT | 56971 | 706 | 16974 | 14271 | 9335 | 144655 | 1619 |

FRAGILE:

| | | | | | | | |
|------------|-------|-------|-------|-------|-------|--------|------|
| BARLEY | 8690 | 846 | 4632 | 819 | 1968 | 20348 | 213 |
| CORN G | 8327 | 2337 | 5015 | 7406 | 2933 | 18379 | 76 |
| CORN S | 16530 | 3871 | 19328 | 13544 | 5936 | 45663 | 2918 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 39728 | 50036 | 42655 | 239 | 24385 | 114044 | 8338 |
| HAY N | 21010 | 6321 | 14213 | 20 | 9223 | 52788 | 5704 |
| S FALLOW | 41654 | 0 | 2138 | 0 | 23424 | 11118 | 0 |
| OATS | 874 | 0 | 580 | 127 | 27 | 2715 | 55 |
| SORG G | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUGAR BEET | 2282 | 809 | 12007 | 1164 | 2917 | 11783 | 1954 |
| WHEAT | 76287 | 706 | 16800 | 11145 | 9950 | 146098 | 1535 |

PRIME FRAGILE:

| | | | | | | | |
|------------|-------|-------|-------|-------|-------|--------|------|
| BARLEY | 5416 | 846 | 5048 | 904 | 3069 | 28957 | 182 |
| CORN G | 5913 | 2337 | 5015 | 11109 | 2933 | 18379 | 76 |
| CORN S | 11738 | 3871 | 19328 | 20316 | 5936 | 45663 | 2918 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 27679 | 46720 | 42655 | 239 | 24385 | 114044 | 8338 |
| HAY N | 13745 | 5900 | 14148 | 20 | 9149 | 52505 | 5670 |
| S FALLOW | 26609 | 0 | 2240 | 0 | 23770 | 11644 | 0 |
| OATS | 417 | 0 | 580 | 127 | 27 | 2715 | 55 |
| SORG G | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUGAR BEET | 1620 | 809 | 12007 | 1746 | 2917 | 11783 | 1954 |
| WHEAT | 52670 | 697 | 17143 | 14024 | 8742 | 146396 | 1578 |

TABLE 21.7 (CONTINUED)

| | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|--------------------------------|--------|-------|-------|-------|----------|--------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| BARLEY | 8236 | 846 | 4632 | 819 | 1968 | 20348 | 213 |
| CORN G | 7814 | 2337 | 5015 | 7406 | 2933 | 18379 | 76 |
| CORN S | 15513 | 3871 | 19328 | 13544 | 5936 | 45663 | 2918 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 37171 | 49332 | 42655 | 239 | 24385 | 114044 | 8338 |
| HAY N | 19480 | 6232 | 14227 | 20 | 9217 | 52764 | 5701 |
| S FALLOW | 38104 | 0 | 2139 | 0 | 23424 | 11120 | 0 |
| OATS | 777 | 0 | 580 | 127 | 27 | 2715 | 55 |
| SORG G | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUGAR BEET | 2141 | 809 | 12007 | 1164 | 2917 | 11783 | 1954 |
| WHEAT | 70470 | 697 | 16776 | 11157 | 9950 | 146045 | 1534 |
| HIGH EXPORT: | | | | | | | |
| BARLEY | 24948 | 846 | 4632 | 819 | 1968 | 20348 | 213 |
| CORN G | 26409 | 2337 | 5015 | 11109 | 2933 | 18379 | 76 |
| CORN S | 48441 | 3377 | 19418 | 20797 | 5789 | 47766 | 3030 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 102651 | 86055 | 42437 | 346 | 26851 | 116745 | 8991 |
| HAY N | 52263 | 0 | 16022 | 43 | 9924 | 62988 | 6334 |
| S FALLOW | 106715 | 0 | 1926 | 0 | 22004 | 10030 | 0 |
| OATS | 2252 | 0 | 422 | 153 | 144 | 3641 | 33 |
| SORG G | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUGAR BEET | 7237 | 809 | 12007 | 2618 | 2917 | 11783 | 1954 |
| WHEAT | 225747 | 20817 | 24293 | 15409 | 10914 | 165153 | 1577 |
| SOIL LOSS: | | | | | | | |
| BARLEY | 5977 | 846 | 5147 | 1876 | 3123 | 29716 | 188 |
| CORN G | 7451 | 2337 | 5015 | 16664 | 2933 | 18379 | 76 |
| CORN S | 13021 | 3377 | 19418 | 31196 | 5789 | 47766 | 3030 |
| COTTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HAY L | 40843 | 63969 | 42286 | 251 | 23145 | 113314 | 8307 |
| HAY N | 24942 | 9375 | 15247 | 20 | 9244 | 52286 | 5111 |
| S FALLOW | 30168 | 0 | 2096 | 0 | 22136 | 10791 | 0 |
| OATS | 89 | 0 | 386 | 140 | 132 | 3324 | 30 |
| SORG G | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SORG S | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SOYBEANS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUGAR BEET | 2042 | 809 | 12007 | 3928 | 2917 | 11783 | 1954 |
| WHEAT | 68724 | 726 | 16524 | 22169 | 8249 | 137054 | 1655 |

TABLE 21.8. QUANTITY OF WATER (THOUSANDS OF ACRE FEET) USED FOR IRRIGATION UNDER SEVEN ALTERNATIVE FUTURES IN ZONE 6

| ALTERNATIVE FUTURE | QUANTITY OF WATER |
|------------------------|-------------------|
| TREND | 10,963 |
| PRIME | 10,963 |
| FRAGILE | 10,963 |
| PRIME-FRAGILE | 10,959 |
| ENVIRONMENTAL CORRIDOR | 10,959 |
| HIGH EXPORT | 11,155 |
| SOIL LOSS | 11,247 |

CHAPTER 22. ZONE 7

Note: Dryland crop acreage in table 2 of this chapter includes the acreage on land that could have been irrigated.

TABLE 22.1 LAND USE (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN ZONE 7

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXOG USED | TOT USED |
|-----------------------|-----------|---------|---------|----------|----------|-----------|----------|
| TREND: | | | | | | | |
| LC 1-0 | 3041 | 0 | -795 | 1505 | 0 | 140 | 1646 |
| LC 2-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1-1 | 11249 | 0 | 1184 | 923 | 6532 | 3352 | 10807 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 235902 | 0 | 0 | 235902 | 0 | 0 | 235902 |
| PAST 1 | 3664 | 0 | 0 | 1919 | 1745 | 0 | 3664 |
| LC 1 TO 5 | 14290 | 0 | 390 | 2428 | 6532 | 3493 | 12453 |
| LC 6 TO 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOT CRPLND | 14290 | 0 | 390 | 2428 | 6532 | 3493 | 12453 |
| PRIME LANDS: | | | | | | | |
| LC 1-0 | 3040 | 0 | -795 | 1214 | 0 | 140 | 1354 |
| LC 2-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1-1 | 11249 | 0 | 1184 | 918 | 6508 | 3352 | 10778 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 235902 | 0 | 0 | 235902 | 0 | 0 | 235902 |
| PAST 1 | 3664 | 0 | 0 | 1977 | 1687 | 0 | 3664 |
| LC 1 TO 5 | 14289 | 0 | 390 | 2132 | 6508 | 3493 | 12133 |
| LC 6 TO 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOT CRPLND | 14289 | 0 | 390 | 2132 | 6508 | 3493 | 12133 |
| FRAGILE: | | | | | | | |
| LC 1-0 | 3040 | 0 | -795 | 2075 | 0 | 140 | 2215 |
| LC 2-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1-1 | 11249 | 0 | 1184 | 922 | 6563 | 3352 | 10837 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 235902 | 0 | 0 | 235902 | 0 | 0 | 235902 |
| PAST 1 | 3664 | 0 | 0 | 1950 | 1714 | 0 | 3664 |
| LC 1 TO 5 | 14289 | 0 | 390 | 2996 | 6563 | 3493 | 13052 |
| LC 6 TO 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOT CRPLND | 14289 | 0 | 390 | 2996 | 6563 | 3493 | 13052 |
| PRIME-FRAGILE: | | | | | | | |
| LC 1-0 | 3240 | 0 | -795 | 1265 | 0 | 140 | 1405 |
| LC 2-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1-1 | 11249 | 0 | 1184 | 922 | 6532 | 3352 | 10806 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PAST 0 | 235902 | 0 | 0 | 235902 | 0 | 0 | 235902 |
| PAST 1 | 3664 | 0 | 0 | 2001 | 1663 | 0 | 3664 |
| LC 1 TO 5 | 14489 | 0 | 390 | 2186 | 6532 | 3493 | 12210 |
| LC 6 TO 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOT CRPLND | 14489 | 0 | 390 | 2186 | 6532 | 3493 | 12210 |

TABLE 22.1 (CONTINUED)

| LAND CLASS | AVAILABLE | WET DEV | IRG DEV | DRY USED | IRG USED | EXOG USED | TOT USED |
|--------------------------------|-----------|---------|---------|----------|----------|-----------|----------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| LC 1-0 | 3040 | 0 | -795 | 1506 | 0 | 140 | 1645 |
| LC 2-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1-1 | 11249 | 0 | 1184 | 930 | 6563 | 3352 | 10355 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUM 0 | 235902 | 0 | 0 | 235902 | 0 | 0 | 235902 |
| SUM 1 | 3664 | 0 | 0 | 1455 | 1704 | 0 | 3159 |
| LC 1 TO 5 | 14289 | 0 | 390 | 2436 | 6563 | 3443 | 12441 |
| LC 6 TO 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOT CRPLND | 14289 | 0 | 390 | 2436 | 6563 | 3443 | 12441 |
| HIGH EXPORT: | | | | | | | |
| LC 1-0 | 3041 | 0 | -795 | 2841 | 0 | 140 | 2941 |
| LC 2-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1-1 | 11249 | 0 | 1184 | 535 | 7362 | 3352 | 11244 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUM 0 | 235902 | 0 | 0 | 235902 | 0 | 0 | 235902 |
| SUM 1 | 3664 | 0 | 0 | 2401 | 1263 | 0 | 3664 |
| LC 1 TO 5 | 14290 | 0 | 390 | 3376 | 7362 | 3443 | 14291 |
| LC 6 TO 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOT CRPLND | 14290 | 0 | 390 | 3376 | 7362 | 3443 | 14291 |
| SOIL LOSS: | | | | | | | |
| LC 1-0 | 3041 | 0 | -795 | 1586 | 0 | 140 | 1721 |
| LC 2-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 1-1 | 11249 | 0 | 1184 | 639 | 6753 | 3352 | 10745 |
| LC 2-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 3-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 4-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 5-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 6-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 7-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 8-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| LC 9-1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUM 0 | 235902 | 0 | 0 | 235902 | 0 | 0 | 235902 |
| SUM 1 | 3664 | 0 | 0 | 1975 | 1689 | 0 | 3664 |
| LC 1 TO 5 | 14290 | 0 | 390 | 2225 | 6753 | 3443 | 12471 |
| LC 6 TO 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOT CRPLND | 14290 | 0 | 390 | 2225 | 6753 | 3443 | 12471 |

TABLE 22.2 DRYLAND CROP ACREAGES (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN ZONE 7

| | LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEAN | SGRBEET | WHEAT |
|----------------|------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|---------|---------|-------|
| TREND: | 1 | 353 | 0 | 0 | 0 | 253 | 876 | 404 | 45 | 0 | 0 | 0 | 0 | 0 | 497 |
| | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 237821 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | 1 | 116 | 0 | 0 | 0 | 253 | 894 | 329 | 45 | 0 | 0 | 0 | 0 | 0 | 495 |
| | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 237879 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | 1 | 368 | 0 | 0 | 0 | 253 | 910 | 668 | 45 | 0 | 0 | 0 | 0 | 0 | 753 |
| | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 237862 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | 1 | 146 | 0 | 0 | 0 | 253 | 904 | 344 | 45 | 0 | 0 | 0 | 0 | 0 | 495 |
| | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 237903 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE 22.2 (CONTINUED)

| LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEANS | SGRBEET | WHEAT |
|-------------------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|----------|---------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | | |
| 1 | 353 | 0 | 0 | 0 | 253 | 887 | 403 | 45 | 0 | 0 | 0 | 0 | 0 | 495 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 237857 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| HIGH EXPORT: | | | | | | | | | | | | | | |
| 1 | 449 | 0 | 0 | 0 | 187 | 1077 | 366 | 413 | 0 | 0 | 0 | 0 | 0 | 894 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 238303 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | |
| SOIL LOSS: | | | | | | | | | | | | | | |
| 1 | 363 | 0 | 0 | 0 | 0 | 979 | 167 | 45 | 0 | 0 | 0 | 0 | 0 | 673 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 232877 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | |

TABLE 22.3 IRRIGATED CROP ACREAGES (THOUSANDS OF ACRES) UNDER ALTERNATIVE FUTURES IN ZONE 7

| | LAND CLASS | BARLEY | CORN G | CORN S | COTTON | L HAY | NL HAY | FALLOW | OATS | PASTURE | SORG G | SORG S | SOYBEAN | SGRBEET | WHEAT |
|----------------|------------|--------|--------|--------|--------|-------|--------|--------|------|---------|--------|--------|---------|---------|-------|
| TREND: | 10 | 794 | 1063 | 897 | 383 | 1578 | 32 | 0 | 7 | 0 | 179 | 81 | 0 | 233 | 1281 |
| | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1745 | 0 | 0 | 0 | 0 | 0 |
| | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | 10 | 942 | 1063 | 899 | 383 | 1578 | 35 | 0 | 7 | 0 | 179 | 81 | 0 | 212 | 1129 |
| | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1687 | 0 | 0 | 0 | 0 | 0 |
| | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | 10 | 748 | 1063 | 897 | 383 | 1566 | 6 | 0 | 7 | 0 | 179 | 81 | 0 | 269 | 1364 |
| | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1714 | 0 | 0 | 0 | 0 | 0 |
| | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | 10 | 918 | 1063 | 897 | 383 | 1579 | 29 | 0 | 7 | 0 | 179 | 81 | 0 | 237 | 1158 |
| | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1663 | 0 | 0 | 0 | 0 | 0 |
| | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE 22.4 DRYLAND CROP PRODUCTION (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN ZONE 7

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEAN BU | SGRBEET TONS | WHEAT BU |
|----------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|---------------|-----------------|-------------|
| TREND: | | | | | | | | | | | | | |
| 1 | 12793 | 0 | 0 | 0 | 859 | 2366 | 1997 | 0 | 0 | 0 | 0 | 0 | 15541 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10539 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | | | | | | | | | | | | | |
| 1 | 4554 | 0 | 0 | 0 | 859 | 2414 | 1997 | 0 | 0 | 0 | 0 | 0 | 15587 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10542 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | | | | | | | | | | | | | |
| 1 | 13249 | 0 | 0 | 0 | 859 | 2442 | 2462 | 0 | 0 | 0 | 0 | 0 | 22576 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10541 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | | | | | | | | | | | | | |
| 1 | 5514 | 0 | 0 | 0 | 859 | 2444 | 1997 | 0 | 0 | 0 | 0 | 0 | 15587 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10543 | 0 | 0 | 0 | 0 | 0 |

TABLE 22.4 (CONTINUED)

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|-------------------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | |
| 1 | 12732 | 0 | 0 | 0 | 859 | 2390 | 1997 | 0 | 0 | 0 | 0 | 0 | 15537 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10541 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | |
| 1 | 15837 | 0 | 0 | 0 | 510 | 2589 | 21792 | 0 | 0 | 0 | 0 | 0 | 25253 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10579 | 0 | 0 | 0 | 0 | 0 |
| SOIL LOSS: | | | | | | | | | | | | | |
| 1 | 13098 | 0 | 0 | 0 | 0 | 2432 | 2740 | 0 | 0 | 0 | 0 | 0 | 19529 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10532 | 0 | 0 | 0 | 0 | 0 |

TABLE 22.5 IRRIGATED CROP PRODUCTION (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN ZONE 7

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TOSN | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|----------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| TREND: | | | | | | | | | | | | | |
| 10 | 54193 | 122060 | 18914 | 736 | 10617 | 95 | 521 | 0 | 13392 | 1719 | 0 | 5722 | 78444 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1268 | 0 | 0 | 0 | 0 | 0 |
| PRIME LANDS: | | | | | | | | | | | | | |
| 10 | 62432 | 122060 | 18914 | 715 | 10618 | 107 | 521 | 0 | 13392 | 1719 | 0 | 5102 | 67251 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1223 | 0 | 0 | 0 | 0 | 0 |
| FRAGILE: | | | | | | | | | | | | | |
| 10 | 52735 | 122060 | 18914 | 736 | 10618 | 19 | 521 | 0 | 13392 | 1719 | 0 | 6462 | 83188 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1250 | 0 | 0 | 0 | 0 | 0 |
| PRIME-FRAGILE: | | | | | | | | | | | | | |
| 10 | 60929 | 122060 | 18914 | 715 | 10618 | 88 | 521 | 0 | 13392 | 1719 | 0 | 5710 | 68915 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1208 | 0 | 0 | 0 | 0 | 0 |

TABLE 22.5 (CONTINUED)

| LAND CLASS | BARLEY BU | CORN G BU | CORN S TONS | COTTON BALES | L HAY TONS | NL HAY TONS | OATS BU | PASTURE TONS | SORG G BU | SORG S TONS | SOYBEANS BU | SGRBEET TONS | WHEAT BU |
|-------------------------|--------------|--------------|----------------|-----------------|---------------|----------------|------------|-----------------|--------------|----------------|----------------|-----------------|-------------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | | | | | | | |
| 10 | 54204 | 122060 | 18914 | 736 | 10618 | 95 | 521 | 0 | 13392 | 1719 | 0 | 6585 | 78027 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1247 | 0 | 0 | 0 | 0 | 0 |
| HIGH EXPORT: | | | | | | | | | | | | | |
| 10 | 29157 | 122060 | 18914 | 769 | 10967 | 19 | 521 | 0 | 13392 | 1719 | 0 | 7429 | 143931 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 936 | 0 | 0 | 0 | 0 | 0 |
| SOIL LOSS: | | | | | | | | | | | | | |
| 10 | 53688 | 122060 | 18914 | 715 | 11477 | 19 | 521 | 0 | 13392 | 1719 | 0 | 7833 | 43530 |
| 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1267 | 0 | 0 | 0 | 0 | 0 |

TABLE 22.6 QUANTITIES OF CROP COMMODITIES PRODUCED (THOUSANDS OF UNITS) UNDER ALTERNATIVE FUTURES IN ZONE 7

| | | UNIT | PRODUCED | INTER | CONSUMED | NET EXPORT |
|--------------------|----------|-------|----------|--------|----------|------------|
| TREND: | CORN | BU | 122060 | 245032 | 79435 | -202407 |
| | SORGHUM | BU | 13392 | 45255 | 1901 | -33764 |
| | BARLEY | BU | 66986 | 37247 | 27641 | 2098 |
| | OATS | BU | 2518 | 10869 | 13075 | -21426 |
| | WHEAT | BU | 94085 | 17318 | 88027 | -11251 |
| | SOYBEANS | BU | 4,686 | 97,149 | 66,538 | -159,001 |
| | COTTON | BALES | 736 | 0 | 821 | -84 |
| PRIME LANDS: | CORN | BU | 122060 | 245032 | 79435 | -202407 |
| | SORGHUM | BU | 13392 | 45255 | 1901 | -33764 |
| | BARLEY | BU | 66986 | 37247 | 27641 | 2098 |
| | OATS | BU | 2518 | 10869 | 13075 | -21426 |
| | WHEAT | BU | 82838 | 17318 | 88027 | -22507 |
| | SOYBEANS | BU | 4,548 | 97,149 | 66,538 | -159,139 |
| | COTTON | BALES | 715 | 0 | 821 | -106 |
| FRAGILE: | CORN | BU | 122060 | 245032 | 79435 | -202407 |
| | SORGHUM | BU | 13392 | 45255 | 1901 | -33764 |
| | BARLEY | BU | 65984 | 37247 | 27641 | 1096 |
| | OATS | BU | 2983 | 10869 | 13075 | -20961 |
| | WHEAT | BU | 105765 | 17318 | 88027 | 419 |
| | SOYBEANS | BU | 4,686 | 97,149 | 66,538 | -159,001 |
| | COTTON | BALES | 736 | 0 | 821 | -84 |
| PRIME- FRAGILE: | CORN | BU | 122060 | 245032 | 79435 | -202407 |
| | SORGHUM | BU | 13392 | 45255 | 1901 | -33764 |
| | BARLEY | BU | 66443 | 37247 | 27641 | 1555 |
| | OATS | BU | 2518 | 10869 | 13075 | -21426 |
| | WHEAT | BU | 84502 | 17318 | 88027 | -20844 |
| | SOYBEANS | BU | 4,548 | 97,149 | 66,538 | -159,139 |
| | COTTON | BALES | 715 | 0 | 821 | -106 |
| ENV. CORR. | CORN | BU | 122060 | 245032 | 79435 | -202407 |
| | SORGHUM | BU | 13392 | 45255 | 1901 | -33764 |
| | BARLEY | BU | 66986 | 37247 | 27641 | 2098 |
| | OATS | BU | 2518 | 10869 | 13075 | -21426 |
| | WHEAT | BU | 93613 | 17318 | 88027 | -11732 |
| | SOYBEANS | BU | 4,686 | 97,149 | 66,538 | -159,001 |
| | COTTON | BALES | 736 | 0 | 821 | -84 |
| HIGH EXPORT: | CORN | BU | 122060 | 245032 | 79435 | -202407 |
| | SORGHUM | BU | 13392 | 45255 | 1901 | -33764 |
| | BARLEY | BU | 44994 | 37247 | 27641 | -19894 |
| | OATS | BU | 22313 | 10869 | 13075 | -1631 |
| | WHEAT | BU | 175194 | 17318 | 88027 | 69548 |
| | SOYBEANS | BU | 4,896 | 97,149 | 66,538 | -158,791 |
| | COTTON | BALES | 769 | 0 | 821 | -51 |
| SOIL LOSS: | CORN | BU | 122060 | 245032 | 79435 | -202407 |
| | SORGHUM | BU | 13392 | 45255 | 1901 | -33764 |
| | BARLEY | BU | 66986 | 37247 | 27641 | 2098 |
| | OATS | BU | 3261 | 10869 | 13075 | -20683 |
| | WHEAT | BU | 103359 | 17318 | 88027 | -1986 |
| | SOYBEANS | BU | 4,548 | 97,149 | 66,538 | -159,139 |
| | COTTON | BALES | 715 | 0 | 821 | -106 |

TABLE 22.7 RESOURCE USE IN CROP PRODUCTION (THOUSANDS OF DOLLARS) UNDER ALTERNATIVE FUTURES IN ZONE 7

| TREND: | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|------------|-------|-------|-------|-------|----------|--------|-------|
| BARLEY | 13821 | 12181 | 12388 | 2414 | 1385 | 40526 | 13 |
| CORN G | 11471 | 18451 | 19942 | 3952 | 137 | 70328 | 16 |
| CORN S | 9861 | 14321 | 25612 | 4415 | 1725 | 58936 | 2812 |
| COTTON | 5544 | 13101 | 15162 | 14557 | 5659 | 37635 | 1383 |
| HAY L | 26164 | 54360 | 57289 | 184 | 42308 | 127526 | 8072 |
| HAY N | 4689 | 218 | 13430 | 18 | 6133 | 46539 | 3538 |
| S FALLOW | 331 | 0 | 481 | 0 | 3933 | 1257 | 0 |
| OATS | 59 | 363 | 365 | 61 | 23 | 1606 | 1 |
| SORG G | 2567 | 4505 | 2647 | 76 | 339 | 7874 | 2 |
| SORG S | 1543 | 1996 | 3129 | 83 | 345 | 5763 | 166 |
| SOYBEANS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUGAR BEET | 4996 | 5790 | 25467 | 1645 | 1775 | 19619 | 3717 |
| WHEAT | 17845 | 17153 | 18851 | 5644 | 2454 | 68007 | 18 |

PRIME LANDS:

| | | | | | | | |
|------------|-------|-------|-------|------|-------|--------|------|
| BARLEY | 11864 | 13795 | 12100 | 1299 | 1387 | 38431 | 12 |
| CORN G | 8081 | 18652 | 20089 | 2072 | 137 | 69714 | 16 |
| CORN S | 8606 | 14282 | 25445 | 2602 | 1829 | 58553 | 2812 |
| COTTON | 3489 | 11792 | 26969 | 4931 | 2240 | 38341 | 1044 |
| HAY L | 21816 | 54296 | 56917 | 91 | 42312 | 128030 | 8116 |
| HAY N | 3898 | 274 | 13818 | 17 | 6275 | 47726 | 3643 |
| S FALLOW | 32 | 0 | 402 | 0 | 3549 | 1046 | 0 |
| OATS | 17 | 363 | 365 | 66 | 23 | 1606 | 1 |
| SORG G | 1961 | 4505 | 2647 | 75 | 339 | 7874 | 2 |
| SORG S | 1225 | 1996 | 3129 | 83 | 345 | 5763 | 166 |
| SOYBEANS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUGAR BEET | 3595 | 5438 | 23448 | 1645 | 1386 | 17175 | 3589 |
| WHEAT | 11858 | 14751 | 16553 | 3320 | 1578 | 59778 | 20 |

FRAGILE:

| | | | | | | | |
|------------|-------|-------|-------|-------|-------|--------|------|
| BARLEY | 17105 | 10915 | 12329 | 1915 | 1442 | 40325 | 49 |
| CORN G | 15303 | 18884 | 20259 | 4464 | 137 | 69007 | 16 |
| CORN S | 11502 | 14321 | 25612 | 4415 | 1725 | 58936 | 2812 |
| COTTON | 6623 | 13101 | 15162 | 14557 | 5659 | 37635 | 1383 |
| HAY L | 27344 | 55580 | 57358 | 184 | 41788 | 128308 | 8067 |
| HAY N | 3998 | 102 | 13790 | 19 | 6268 | 47775 | 3643 |
| S FALLOW | 868 | 0 | 646 | 0 | 6695 | 1942 | 0 |
| OATS | 507 | 363 | 422 | 59 | 23 | 1719 | 3 |
| SORG G | 3049 | 4505 | 2647 | 76 | 339 | 7874 | 2 |
| SORG S | 1738 | 1996 | 3129 | 83 | 345 | 5763 | 166 |
| SOYBEANS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUGAR BEET | 6267 | 6210 | 27878 | 1645 | 2239 | 22537 | 3870 |
| WHEAT | 24173 | 18124 | 20567 | 6608 | 2487 | 77590 | 21 |

PRIME FRAGILE:

| | | | | | | | |
|------------|-------|-------|-------|------|-------|--------|------|
| BARLEY | 12227 | 13445 | 11995 | 1883 | 1365 | 38394 | 12 |
| CORN G | 8760 | 18605 | 20055 | 2884 | 137 | 69858 | 16 |
| CORN S | 8411 | 14321 | 25612 | 3303 | 1725 | 58936 | 2812 |
| COTTON | 3725 | 11792 | 26969 | 4931 | 2240 | 38341 | 1044 |
| HAY L | 22760 | 54171 | 56914 | 127 | 42341 | 127916 | 8114 |
| HAY N | 4056 | 246 | 13864 | 17 | 6296 | 47959 | 3663 |
| S FALLOW | 74 | 0 | 418 | 0 | 3624 | 1088 | 0 |
| OATS | 19 | 363 | 365 | 66 | 23 | 1606 | 1 |
| SORG G | 2050 | 4505 | 2647 | 75 | 339 | 7874 | 2 |
| SORG S | 1254 | 1996 | 3129 | 83 | 345 | 5763 | 166 |
| SOYBEANS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUGAR BEET | 4338 | 5783 | 25430 | 1645 | 1768 | 19574 | 3715 |
| WHEAT | 12999 | 15155 | 16873 | 4561 | 1611 | 60805 | 20 |

TABLE 22.7 (CONTINUED)

| | LAND | WATER | LABOR | PEST | TOT FERT | MACH | OTHER |
|-------------------------|-------|-------|-------|-------|----------|--------|-------|
| ENVIRONMENTAL CORRIDOR: | | | | | | | |
| BARLEY | 12885 | 12430 | 12564 | 2454 | 1284 | 40954 | 13 |
| CORN G | 11341 | 18464 | 19952 | 3968 | 137 | 70287 | 16 |
| CORN S | 9782 | 14321 | 25612 | 4415 | 1725 | 58936 | 2812 |
| COTTON | 5485 | 13101 | 15162 | 14557 | 5659 | 37635 | 1383 |
| HAY L | 25963 | 54360 | 57265 | 189 | 42306 | 127556 | 2074 |
| HAY N | 4654 | 218 | 13592 | 18 | 6214 | 46987 | 3577 |
| S FALLOW | 316 | 0 | 479 | 0 | 3924 | 1254 | 0 |
| OATS | 57 | 363 | 365 | 81 | 23 | 1606 | 1 |
| SORG G | 2540 | 4505 | 2647 | 76 | 339 | 7874 | 2 |
| SORG S | 1529 | 1996 | 3129 | 83 | 345 | 5763 | 166 |
| SOYBEANS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUGAR BEET | 5886 | 6280 | 28278 | 1645 | 2317 | 23022 | 3896 |
| WHEAT | 17491 | 16990 | 18738 | 5635 | 2422 | 67746 | 18 |

HIGH EXPORT:

| | | | | | | | |
|------------|--------|-------|-------|-------|-------|--------|------|
| BARLEY | 20265 | 7054 | 9395 | 1283 | 1177 | 35617 | 7 |
| CORN G | 61092 | 20173 | 20935 | 2759 | 137 | 66184 | 16 |
| CORN S | 44294 | 16020 | 25612 | 3019 | 1725 | 58936 | 2812 |
| COTTON | 22964 | 13714 | 15700 | 14705 | 5740 | 39262 | 1421 |
| HAY L | 84703 | 76574 | 57797 | 107 | 40551 | 122927 | 7688 |
| HAY N | 15887 | 102 | 18283 | 31 | 7922 | 47710 | 4242 |
| S FALLOW | 3583 | 0 | 405 | 0 | 1712 | 1128 | 0 |
| OATS | 8237 | 363 | 2533 | 671 | 449 | 13564 | 18 |
| SORG G | 10056 | 4505 | 2647 | 76 | 339 | 7874 | 2 |
| SORG S | 5023 | 1996 | 3129 | 83 | 345 | 5763 | 166 |
| SOYBEANS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUGAR BEET | 19733 | 7685 | 31030 | 1645 | 2847 | 26352 | 4071 |
| WHEAT | 163825 | 33969 | 36444 | 5738 | 3496 | 129114 | 137 |

SOIL LOSS:

| | | | | | | | |
|------------|-------|-------|-------|------|-------|--------|------|
| BARLEY | 20367 | 10315 | 12784 | 761 | 1613 | 41060 | 107 |
| CORN G | 18787 | 19053 | 20067 | 2058 | 137 | 69808 | 16 |
| CORN S | 12821 | 16064 | 25614 | 2482 | 1720 | 58940 | 2812 |
| COTTON | 6034 | 12269 | 26969 | 4931 | 2240 | 38341 | 1044 |
| HAY L | 27705 | 72606 | 59431 | 114 | 37453 | 118450 | 6983 |
| HAY N | 3643 | 102 | 16727 | 29 | 7069 | 43300 | 3859 |
| S FALLOW | 780 | 0 | 164 | 0 | -2403 | 465 | 0 |
| OATS | 620 | 363 | 457 | 46 | 23 | 1787 | 4 |
| SORG G | 3375 | 4505 | 2647 | 75 | 339 | 7874 | 2 |
| SORG S | 1773 | 1996 | 3129 | 83 | 345 | 5763 | 166 |
| SOYBEANS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUGAR BEET | 9684 | 8191 | 32344 | 1645 | 3100 | 27943 | 4154 |
| WHEAT | 32073 | 18009 | 21400 | 3791 | 1500 | 77511 | 27 |

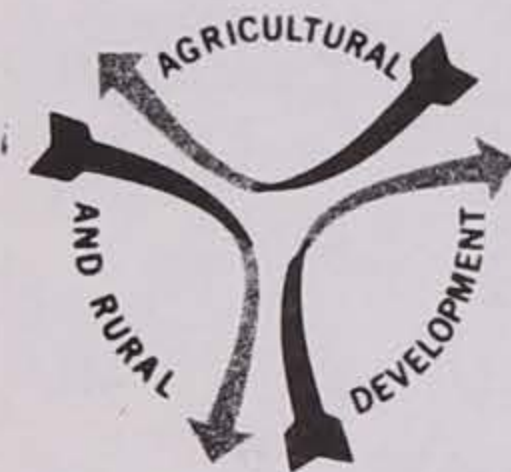
TABLE 22.8. QUANTITY OF WATER (THOUSANDS OF ACRE FEET) USED FOR IRRIGATION UNDER SEVEN ALTERNATIVE FUTURES IN ZONE 7

| ALTERNATIVE FUTURE | QUANTITY OF WATER |
|------------------------|-------------------|
| TREND | 16,352 |
| PRIME | 16,049 |
| FRAGILE | 16,512 |
| PRIME-FRAGILE | 16,086 |
| ENVIRONMENTAL CORRIDOR | 16,435 |
| HIGH EXPORT | 18,375 |
| SOIL LOSS | 17,242 |

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