

CROP REPORT

May 1, 1971



I | Crop and Livestock  
O | Reporting Service  
W | Des Moines 50309  
A | May 11, 1971

Iowa winter wheat production is forecast at 1,260,000 bushels, according to the Iowa Crop and Livestock Reporting Service. This is the second smallest crop on record but 50 percent more than the smallest crop on record of 840,000 bushels in 1965. (comparative records include spring wheat production since 1965) The 1971 yield is forecast at 35 bushels per harvested acre, the same as last year.

May 1 pasture condition was 82 percent of normal compared to 87 percent a year earlier. Pasture growth was slow in starting due to cool conditions but has made good improvement since general rains were received over the State the latter part of April.

Hay stocks on Iowa farms on May 1 totaled 1,866,000 tons, about 12 percent less than a year ago. This is the smallest stocks on hand since 1965. Smaller stocks can be attributed to the smallest production since 1956 and greater roughage requirements during the 1970-71 feeding season.

UNITED STATES:

Winter wheat production is forecast at 1,020.6 million bushels 9 percent less than the 1,118.0 million bushels produced in 1970. Hay stocks on May 1 totaled 22.3 million tons, 8 percent less than the 24.3 million tons a year earlier.

May 1 Crop Summary, Iowa and United States

Winter Wheat

|       | Acres for harvest |        |        | Yield per acre |      |      | Production       |           |           |
|-------|-------------------|--------|--------|----------------|------|------|------------------|-----------|-----------|
|       | 1969              | 1970   | 1971   | 1969           | 1970 | 1971 | 1969             | 1970      | 1971      |
|       | Thousand Acres    |        |        | Bushels        |      |      | Thousand Bushels |           |           |
| IOWA  | 40                | 40     | 36     | 33.0           | 35.0 | 35.0 | 1,320            | 1,400     | 1,260     |
| U. S. | 36,723            | 33,453 | 32,494 | 31.2           | 33.4 | 31.4 | 1,147,194        | 1,118,039 | 1,020,566 |

Hay Stocks on Farms May 1

|       | 1969                  |            | 1970                  |            | 1971                  |            |
|-------|-----------------------|------------|-----------------------|------------|-----------------------|------------|
|       | Percent <sup>1/</sup> | 1,000 Tons | Percent <sup>1/</sup> | 1,000 Tons | Percent <sup>1/</sup> | 1,000 Tons |
| IOWA  | 26                    | 1,871      | 29                    | 2,130      | 27                    | 1,866      |
| U. S. | 19.0                  | 23,873     | 19.0                  | 24,302     | 17.5                  | 22,345     |

<sup>1/</sup> Percent of previous year's crop.

U. S. Department of Agriculture  
Statistical Reporting Service

Iowa Department of Agriculture  
Agricultural Statistics Division

CROP REPORT

June 1, 1971



I Crop and Livestock  
O Reporting Service  
W Des Moines 50309  
A June 14, 1971

Generally favorable field conditions during May permitted fieldwork to progress ahead of average but about the same as in 1970, according to the Iowa Crop and Livestock Reporting Service. Temperatures averaged below normal. Scattered frost occurred about the middle of the month and also during the last week. Germination and growth was slow due to sub-normal temperatures and dry topsoil conditions early in the month but growth improved as the weather warmed up by June 1. Topsoil and subsoil moisture supplies improved during the month and by the first week in June were mostly adequate.

Pasture condition on June 1, at 87 percent of normal, compares with 92 percent a year ago. Pastures were slow in starting due to the cool weather, but made good progress the latter part of May.

Winter Wheat production on June 1 is estimated at 1,260,000 bushels, 10 percent more than the 1970 crop of 1,400,000 bushels. The 1971 yield, at 35.0 bushels per harvested acre, is the same as 1970.

June 1 Crop Summary, Iowa and United States

Winter Wheat

|      | <u>Acres for harvest</u> |        |        | <u>Yield per acre</u> |      |      | <u>Production</u>       |           |           |
|------|--------------------------|--------|--------|-----------------------|------|------|-------------------------|-----------|-----------|
|      | 1969                     | 1970   | 1971   | 1969                  | 1970 | 1971 | 1969                    | 1970      | 1971      |
|      | <u>Thousand Acres</u>    |        |        | <u>Bushels</u>        |      |      | <u>Thousand Bushels</u> |           |           |
| IOWA | 40                       | 40     | 36     | 33.0                  | 35.0 | 35.0 | 1,320                   | 1,400     | 1,260     |
| U.S. | 36,723                   | 33,453 | 32,636 | 31.2                  | 33.4 | 32.1 | 1,147,194               | 1,118,039 | 1,048,134 |

Sugar Beets

|      | <u>Acres harvested</u> |        |        | <u>Yield per acre</u> |      |      | <u>Production</u>    |        |        |
|------|------------------------|--------|--------|-----------------------|------|------|----------------------|--------|--------|
|      | 1968                   | 1969   | 1970   | 1968                  | 1969 | 1970 | 1968                 | 1969   | 1970   |
|      | <u>Thousand Acres</u>  |        |        | <u>Tons</u>           |      |      | <u>Thousand Tons</u> |        |        |
| IOWA | 1.52                   | 1.73   | 1.71   | 12.5                  | 11.4 | 13.7 | 19.0                 | 19.8   | 23.5   |
| U.S. | 1410.1                 | 1540.5 | 1411.8 | 18.0                  | 18.0 | 18.6 | 25,363               | 27,736 | 26,198 |

U. S. Department of Agriculture  
Statistical Reporting Service  
02

Iowa Department of Agriculture  
Agricultural Statistics Division

CROP REPORT

July 1, 1971



I Crop and Livestock  
O Reporting Service  
W Des Moines 50309  
A July 9, 1971

Crop prospects on July 1 were good to excellent, according to the Iowa Crop and Livestock Reporting Service. After a slow start in May due to cool weather and dry topsoil conditions, crops made good progress as the weather warmed up and rains were received. Statewide, crop development is ahead of average but not as far advanced as a year ago. Conditions have been favorable for small grains. Winter wheat harvest is underway and oat harvest started. The first cutting of alfalfa was nearly completed by the latter part of June and clover the first week of July. Quality of hay has been good. Hail damaged crops in localized areas.

A change was made in crop forecasts starting with the 1971 season. Major changes affecting Iowa in the July 1 Crop Report is the discontinuance of corn and hay production forecasts. The first forecasts of production of these crops and soybeans will be issued August 11.

**CORN:** Acreage of corn for grain in 1971, estimated at 11.8 million acres, is 18 percent or 1.8 million acres more than the 10.0 million acres harvested for grain in 1970. If plans materialize this will be the third largest acreage harvested, exceeded by the 12.1 and 12.2 million acres in 1959 and 1960, respectively.

Corn planted for all purposes this year is now indicated to be 12.5 million acres, 17 percent more than 1970 planting and 4.5 percent more than planting intentions last March. Almost ideal land preparation and planting conditions this spring induced farmers to plant more corn than they intended in March. The increased corn acreage from intentions was largely offset by a reduction in soybean acreage.

Acres of white corn(excluding sweetcorn and popcorn) is estimated at 49,000 acres. Corn planting was completed ahead of average but growth was slow during the cool dry month of May. However, with the advent of favorable weather and rain since early June, development has been rapid. By the first week in July Southern Corn Leaf Blight had been reported and identified in 43 Iowa counties but infection has been very light.

(Continued)

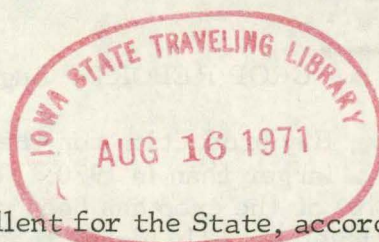
JULY 1971 CROP SUMMARY - IOWA AND UNITED STATES

| CROP                        | Acres for harvest |        |                     | Yield per acre |      |                    | Production       |           |                    |
|-----------------------------|-------------------|--------|---------------------|----------------|------|--------------------|------------------|-----------|--------------------|
|                             | 1969              | 1970   | 1971                | 1969           | 1970 | 1971 <sup>1/</sup> | 1969             | 1970      | 1971 <sup>1/</sup> |
|                             | Thousands         |        |                     | Bushels        |      |                    | Thousand Bushels |           |                    |
| <b>IOWA</b>                 |                   |        |                     |                |      |                    |                  |           |                    |
| Corn, Grain                 | 9,514             | 9,990  | 11,788              | 98.0           | 86.0 | ---                | 932,372          | 859,140   | ---                |
| White Corn                  | ---               | ---    | 49                  | ---            | ---  | ---                | ---              | ---       | ---                |
| Winter Wheat                | 40                | 40     | 36                  | 33.0           | 35.0 |                    | 1,320            | 1,400     |                    |
| Oats                        | 1,840             | 1,711  | 1,574               | 51.0           | 54.0 | 57.0               | 93,840           | 92,394    | 89,718             |
| Soybeans for beans          | 5,450             | 5,832  | 5,540               | 33.0           | 32.0 | ---                | 179,850          | 186,624   | ---                |
| Barley                      | 4                 | 5      | 7                   | 44.0           | 40.0 | 46.0               | 176              | 200       | 322                |
| Rye                         | 5                 | 5      | 5                   | 22.0           | 25.0 | 25.0               | 110              | 125       | 125                |
| Flaxseed                    | 1                 | 1      | 1                   | 19.0           | 18.0 | ---                | 19               | 18        | ---                |
| Sorghum grain               | 36                | 32     | 140                 | 82.0           | 74.0 | ---                | 2,952            | 2,368     | ---                |
| Hay, all <sup>2/</sup>      | 2,557             | 2,502  | 2,425               | 2.87           | 2.76 | ---                | 7,344            | 6,910     | ---                |
| Pasture Cond. <sup>3/</sup> | XXX               | XXX    | XXX                 | 96             | 92   | 84                 | XXX              | XXX       | XXX                |
| <b>UNITED STATES</b>        |                   |        |                     |                |      |                    |                  |           |                    |
| Corn, Grain                 | 54,598            | 57,359 | 64,470              | 83.9           | 71.7 | ---                | 4,582,534        | 4,109,792 | ---                |
| White Corn                  | ---               | ---    | 1,097               | ---            | ---  | ---                | ---              | ---       | ---                |
| 10 States                   | ---               | ---    | 1,097               | ---            | ---  | ---                | ---              | ---       | ---                |
| Wheat                       |                   |        |                     |                |      |                    |                  |           |                    |
| Winter                      | 36,723            | 33,453 | 33,194              | 31.2           | 33.4 | 33.6               | 1,147,194        | 1,118,039 | 1,116,780          |
| Durum                       | 3,330             | 2,018  | 2,685               | 31.9           | 25.0 | 32.2               | 106,087          | 50,522    | 86,435             |
| Other Spring                | 7,524             | 8,835  | 12,620              | 27.5           | 23.8 | 27.3               | 206,906          | 209,904   | 344,407            |
| Oats                        | 17,930            | 18,580 | 15,777              | 53.0           | 48.9 | 53.9               | 950,023          | 909,481   | 850,960            |
| Soybeans for beans          | 40,982            | 42,447 | 42,808              | 27.5           | 26.8 | ---                | 1,126,314        | 1,135,769 | ---                |
| Barley                      | 9,531             | 9,642  | 10,253              | 44.4           | 42.6 | 45.1               | 423,547          | 410,445   | 462,766            |
| Rye                         | 1,346             | 1,486  | 1,805               | 23.5           | 25.9 | 28.4               | 31,583           | 38,552    | 51,179             |
| Flaxseed                    | 2,616             | 2,888  | 1,630               | 13.4           | 10.4 | ---                | 35,122           | 29,970    | ---                |
| Sorghum grain               | 13,525            | 13,751 | 16,649              | 55.3           | 50.7 | ---                | 747,280          | 697,050   | ---                |
| Hay, all <sup>2/</sup>      | 62,053            | 63,234 | 63,589              | 2.06           | 2.02 | ---                | 127,675          | 127,899   | ---                |
| Pasture Cond. <sup>3/</sup> | XXX               | XXX    | XXX <sup>4/83</sup> | 85             | 85   | 79                 | XXX              | XXX       | XXX                |

<sup>1/</sup> Indicated July 1. <sup>2/</sup> Yield and production in tons. <sup>3/</sup> Percent of normal July 1. <sup>4/</sup> 1960 - 69 average.

CROP REPORT

August 1, 1971



I | Crop and Livestock  
O | Reporting Service  
W | Des Moines 50309  
A | August 12, 1971

Crop prospects on August 1 were excellent for the State, according to the Iowa Crop and Livestock Reporting Service. July temperature approached 5 degrees below normal after the hottest June since 1934. Crop development is about the same as a year earlier and ahead of average.

Conditions were generally favorable for small grain and hay harvest during the month although wind and hail damaged crops in localized areas in early July. Pastures over much of the State remained green with less than the usual deterioration during the month.

**CORN:** Iowa's corn crop is forecast at a record 1,143,436,000 bushels. This would be one-third greater than the 1970 production and 16 percent above the previous high of 986,332,000 bushels produced in 1967.

The yield is forecast at 97 bushels per acre, up from last year's yield of 86 bushels but 1 bushel below the record 1969 yield. The crop has made excellent progress with cool weather in July minimizing moisture usage. Corn borer activity has been greater than in recent years and is the cause of some concern. Southern Corn Leaf Blight infection was considered light to moderate as of the first of the month, although the threat of further spreading and increased severity exists.

**SOYBEANS:** Soybean production is forecast at 193,900,000 bushels as of August 1. The forecast is 4 percent greater than the previous record high total produced in 1970. The expected yield of 35.0 bushels per acre is up 3 bushels from a year earlier and 2 bushels above the previous high produced in 1969.

**OATS:** Oat production is estimated at 92,866,000 bushels, about the same as the 1970 crop. The yield of 59 bushels per acre equals the previous high in 1968. Weather conditions were generally favorable for harvest although hail and strong winds caused some damage in localized areas.

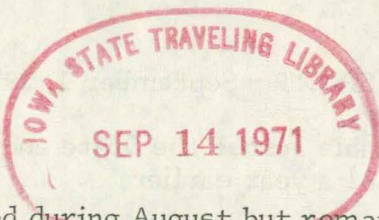
AUGUST 1971 CROP SUMMARY - IOWA AND UNITED STATES

| CROP                        | Acres for harvest |        |        | Yield per acre   |      |                    | Production       |           |                    |
|-----------------------------|-------------------|--------|--------|------------------|------|--------------------|------------------|-----------|--------------------|
|                             | 1969              | 1970   | 1971   | 1969             | 1970 | 1971 <sup>1/</sup> | 1969             | 1970      | 1971 <sup>1/</sup> |
|                             | Thousands         |        |        | Bushels          |      |                    | Thousand Bushels |           |                    |
| <b>IOWA</b>                 |                   |        |        |                  |      |                    |                  |           |                    |
| Corn, Grain                 | 9,514             | 9,990  | 11,788 | 98.0             | 86.0 | 97.0               | 932,372          | 859,140   | 1,143,436          |
| Winter wheat                | 40                | 40     | 36     | 33.0             | 35.0 | 35.0               | 1,320            | 1,400     | 1,260              |
| Oats                        | 1,840             | 1,711  | 1,574  | 51.0             | 54.0 | 59.0               | 93,840           | 92,394    | 92,866             |
| Soybeans for beans          | 5,450             | 5,832  | 5,540  | 33.0             | 32.0 | 35.0               | 179,850          | 186,624   | 193,900            |
| Barley                      | 4                 | 5      | 7      | 44.0             | 40.0 | 46.0               | 176              | 200       | 322                |
| Rye                         | 5                 | 5      | 5      | 22.0             | 25.0 | 25.0               | 110              | 125       | 125                |
| Flaxseed                    | 1                 | 1      | 1      | 19.0             | 18.0 | 23.0               | 19               | 18        | 23                 |
| Sorghum grain               | 36                | 32     | 113    | 82.0             | 74.0 | 80.0               | 2,952            | 2,368     | 9,040              |
| Hay, all <sup>2/</sup>      | 2,557             | 2,502  | 2,425  | 2.87             | 2.76 | 2.89               | 7,344            | 6,910     | 7,011              |
| Pasture Cond. <sup>3/</sup> | ---               | ---    | ---    | 95               | 70   | 82                 | ---              | ---       | ---                |
| <b>UNITED STATES</b>        |                   |        |        |                  |      |                    |                  |           |                    |
| Corn, Grain                 | 54,598            | 57,359 | 64,392 | 83.9             | 71.7 | 83.0               | 4,582,534        | 4,109,792 | 5,345,057          |
| Wheat                       |                   |        |        |                  |      |                    |                  |           |                    |
| Winter                      | 36,723            | 33,453 | 33,194 | 31.2             | 33.4 | 34.8               | 1,147,194        | 1,118,039 | 1,156,098          |
| Durum                       | 3,330             | 2,018  | 2,685  | 31.9             | 25.0 | 32.1               | 106,087          | 50,522    | 86,248             |
| Other Spring                | 7,524             | 8,835  | 12,620 | 27.5             | 23.8 | 28.4               | 206,906          | 209,904   | 358,338            |
| Oats                        | 17,930            | 18,580 | 15,693 | 53.0             | 48.9 | 56.4               | 950,023          | 909,481   | 885,049            |
| Soybeans for beans          | 40,982            | 42,447 | 42,830 | 27.5             | 26.8 | 28.8               | 1,126,314        | 1,135,769 | 1,235,451          |
| Barley                      | 9,531             | 9,642  | 10,253 | 44.4             | 42.6 | 45.1               | 423,547          | 410,445   | 462,731            |
| Rye                         | 1,346             | 1,486  | 1,805  | 23.5             | 25.9 | 29.0               | 31,583           | 38,552    | 52,306             |
| Flaxseed                    | 2,616             | 2,888  | 1,630  | 13.4             | 10.4 | 12.8               | 35,122           | 29,970    | 20,814             |
| Sorghum grain               | 13,525            | 13,751 | 16,340 | 55.3             | 50.7 | 55.6               | 747,280          | 697,050   | 908,086            |
| Hay, all <sup>2/</sup>      | 62,053            | 63,234 | 63,589 | 2.06             | 2.02 | 2.01               | 127,675          | 127,899   | 128,051            |
| Pasture Cond. <sup>3/</sup> | ---               | ---    | ---    | <sup>4/</sup> 78 | 75   | 76                 | ---              | ---       | ---                |

<sup>1/</sup> Indicated August 1. <sup>2/</sup> Yield and production in tons. <sup>3/</sup> Percent of normal August 1. <sup>4/</sup> 1960-69 average.

CROP REPORT

September 1, 1971



I | Crop and Livestock  
O | Reporting Service  
W | Des Moines 50309  
A | September 10, 1971

Corn and soybean prospects declined during August but remained unchanged for other crops, according to the Iowa Crop and Livestock Reporting Service. Seven consecutive weeks of below average rainfall created dry conditions over the State. August 1971 was the driest on record in several localities. Crop development is about the same as a year ago but ahead of average.

Conditions were favorable for hay harvest during the month. Early corn and soybean fields are maturing, accelerated by dry conditions. Pastures are the poorest since 1955.

**CORN:** Iowa's corn crop is forecast at a record 1,119,860,000 bushels. This is 2 percent less than the August 1 forecast but 30 percent more than 1970 production and 14 percent above the previous high of 986,332,000 bushels produced in 1967. Acreage for harvest is 18 percent larger than last year.

The yield is forecast at 95 bushels per acre, down 2 bushels from the August 1 forecast. This is 9 bushels above the 1970 yield of 86 bushels, but 3 bushels below the record 1969 yield. Despite the dry weather the crop made good progress and early fields are maturing. The dry sunny weather limited the spread and damage from Southern Corn Leaf Blight but dry conditions reduced corn prospects. Cooler than normal temperatures during August and good sub-soil moisture at the beginning of the month helped greatly in preventing even more damage from the dry weather.

**SOYBEANS:** Soybean production as of September 1 is forecast at 177,280,000 bushels. This is down 9 percent from the August 1 forecast and 5 percent less than the record 1970 crop. The expected yield of 32 bushels per acre is the same as a year ago.

**OATS:** Oat production is estimated at 92,866,000 bushels, about the same as the 1970 crop. The yield of 59 bushels per acre equals the previous high in 1968. Weather conditions were favorable during harvest which was virtually complete by the first of August.

SEPTEMBER 1971 CROP SUMMARY - IOWA AND UNITED STATES

| CROP                                 | Acres for harvest |        |        | Yield per acre   |      |      | Production       |           |           |
|--------------------------------------|-------------------|--------|--------|------------------|------|------|------------------|-----------|-----------|
|                                      | 1969              | 1970   | 1971   | 1969             | 1970 | 1971 | 1969             | 1970      | 1971      |
|                                      | Thousands         |        |        | Bushels          |      |      | Thousand Bushels |           |           |
| <b>IOWA</b>                          |                   |        |        |                  |      |      |                  |           |           |
| Corn, Grain                          | 9,514             | 9,990  | 11,788 | 98.0             | 86.0 | 95.0 | 932,372          | 859,140   | 1,119,860 |
| Winter wheat <sup>2/</sup>           | 40                | 40     | 36     | 33.0             | 35.0 | 35.0 | 1,320            | 1,400     | 1,260     |
| Oats                                 | 1,840             | 1,711  | 1,574  | 51.0             | 54.0 | 59.0 | 93,840           | 92,394    | 92,866    |
| Soybeans for beans                   | 5,450             | 5,832  | 5,540  | 33.0             | 32.0 | 32.0 | 179,850          | 186,624   | 177,280   |
| Barley <sup>2/</sup>                 | 4                 | 5      | 7      | 44.0             | 40.0 | 46.0 | 176              | 200       | 322       |
| Rye <sup>2/</sup>                    | 5                 | 5      | 5      | 22.0             | 25.0 | 25.0 | 110              | 125       | 125       |
| Flaxseed                             | 1                 | 1      | 1      | 19.0             | 18.0 | 23.0 | 19               | 18        | 23        |
| Sorghum grain <sup>2/</sup>          | 36                | 32     | 113    | 82.0             | 74.0 | 80.0 | 2,952            | 2,368     | 9,040     |
| Hay, all <sup>2/</sup> <sup>3/</sup> | 2,557             | 2,502  | 2,425  | 2.87             | 2.76 | 2.89 | 7,344            | 6,910     | 7,011     |
| Pasture Cond. <sup>4/</sup>          | ---               | ---    | ---    | 87               | 81   | 64   | ---              | ---       | ---       |
| <b>UNITED STATES</b>                 |                   |        |        |                  |      |      |                  |           |           |
| Corn, Grain                          | 54,598            | 57,359 | 64,392 | 83.9             | 71.7 | 82.0 | 4,582,534        | 4,109,792 | 5,265,641 |
| Wheat                                |                   |        |        |                  |      |      |                  |           |           |
| Winter                               | 36,723            | 33,453 | 33,194 | 31.2             | 33.4 | 35.2 | 1,147,194        | 1,118,039 | 1,162,660 |
| Durum                                | 3,330             | 2,018  | 2,685  | 31.9             | 25.0 | 32.4 | 106,087          | 50,522    | 87,006    |
| Other Spring                         | 7,524             | 8,835  | 12,620 | 27.5             | 23.8 | 29.8 | 206,906          | 209,904   | 375,679   |
| Oats                                 | 17,930            | 18,580 | 15,693 | 53.0             | 48.9 | 56.4 | 950,023          | 909,481   | 884,642   |
| Soybeans for beans                   | 40,982            | 42,447 | 42,830 | 27.5             | 26.8 | 27.7 | 1,126,314        | 1,135,769 | 1,186,301 |
| Barley                               | 9,531             | 9,642  | 10,253 | 44.4             | 42.6 | 46.0 | 423,547          | 410,445   | 469,879   |
| Rye <sup>2/</sup>                    | 1,346             | 1,486  | 1,805  | 23.5             | 25.9 | 29.1 | 31,583           | 38,552    | 52,306    |
| Flaxseed                             | 2,616             | 2,888  | 1,630  | 13.4             | 10.4 | 12.3 | 35,122           | 29,970    | 20,011    |
| Sorghum grain                        | 13,525            | 13,751 | 16,340 | 55.3             | 50.7 | 53.9 | 747,280          | 697,050   | 880,843   |
| Hay, all <sup>2/</sup> <sup>3/</sup> | 62,053            | 63,234 | 63,589 | 2.06             | 2.02 | 2.01 | 127,675          | 127,899   | 128,051   |
| Pasture Cond. <sup>4/</sup>          | ---               | ---    | ---    | <sup>5/</sup> 76 | 75   | 79   | ---              | ---       | ---       |

<sup>1/</sup> Indicated September 1. <sup>2/</sup> Estimates are not based on current indications but are carried forward from previous report. <sup>3/</sup> Yield and production in tons. <sup>4/</sup> Percent of normal Sept. 1. <sup>5/</sup> 1960-69 average.

CROP REPORT

October 1, 1971



Crop and Livestock  
Reporting Service  
Des Moines 50309  
October 13, 1971

The current forecast of Iowa's corn crop is up from that expected on September 1, while soybean production expectations are unchanged from a month earlier, according to the Iowa Crop and Livestock Reporting Service. As corn harvest progressed corn yields were turning out better than anticipated a month earlier. About one-eighth of the corn and a slightly greater portion of soybean acreage had been harvested by the first of October. This was about the same as last year for both crops.

**CORN:** Iowa's corn crop is forecast at a record 1,167.0 million bushels. This is 4 percent more than the September 1 forecast, 36 percent more than the 1970 production of 859.1 million bushels and 18 percent above the previous high of 986.3 million bushels produced in 1967.

The yield is forecast at a record 99 bushels per acre, 13 bushels above the 1970 yield of 86 bushels and 1 bushel above the previous 1969 record 98 bushels. Weather conditions were favorable for the maturing crop and harvest was underway by mid-September.

**SOYBEANS:** Soybean production as of October 1 is at 177.3 million bushels, unchanged from a month earlier and 5 percent less than the record 1970 crop. The expected yield is unchanged at 32 bushels per acre.

**HAY:** Production is forecast at 6.8 million tons, 1 percent less than produced in 1970. Pasture condition at 69 percent of normal compares to 87 percent a year earlier.

**UNITED STATES:** Production of corn for grain is forecast at 5,399.7 million bushels, 3 percent more than forecast September 1 and 31 percent more than the 1970 crop. The average yield is forecast at 84.3 bushels per acre compared to 71.7 bushel yield in 1970. The Nation's soybean crop is forecast at 1,175.4 million bushels, 3 percent greater than the 1970 crop of 1,135.8 million bushels. The yield is forecast at 27.4 bushels per acre compared to 26.8 last year.

OCTOBER 1971 CROP SUMMARY - IOWA AND UNITED STATES

| CROP                        | Acres for harvest |        |        | Yield per acre |      |                    | Production       |           |                    |
|-----------------------------|-------------------|--------|--------|----------------|------|--------------------|------------------|-----------|--------------------|
|                             | 1969              | 1970   | 1971   | 1969           | 1970 | 1971 <sup>1/</sup> | 1969             | 1970      | 1971 <sup>1/</sup> |
|                             | Thousands         |        |        | Bushels        |      |                    | Thousand Bushels |           |                    |
| <b>IOWA</b>                 |                   |        |        |                |      |                    |                  |           |                    |
| Corn, Grain                 | 9,514             | 9,990  | 11,788 | 98.0           | 86.0 | 99.0               | 932,372          | 859,140   | 1,167,012          |
| Winter wheat <sup>2/</sup>  | 40                | 40     | 36     | 33.0           | 35.0 | 35.0               | 1,320            | 1,400     | 1,260              |
| Oats                        | 1,840             | 1,711  | 1,574  | 51.0           | 54.0 | 59.0               | 93,840           | 92,840    | 92,866             |
| Soybeans for beans          | 5,450             | 5,832  | 5,540  | 33.0           | 32.0 | 32.0               | 179,850          | 186,624   | 177,280            |
| Barley <sup>2/</sup>        | 4                 | 5      | 7      | 44.0           | 40.0 | 46.0               | 176              | 200       | 322                |
| Rye <sup>2/</sup>           | 5                 | 5      | 5      | 22.0           | 25.0 | 25.0               | 110              | 125       | 125                |
| Flaxseed <sup>2/</sup>      | 1                 | 1      | 1      | 19.0           | 18.0 | 23.0               | 19               | 18        | 23                 |
| Sorghum grain <sup>2/</sup> | 36                | 32     | 113    | 82.0           | 74.0 | 80.0               | 2,952            | 2,368     | 9,040              |
| Hay, all <sup>3/</sup>      | 2,557             | 2,502  | 2,425  | 2.87           | 2.76 | 2.82               | 7,344            | 6,910     | 6,836              |
| Pasture Cond. <sup>4/</sup> | ---               | ---    | ---    | 87             | 87   | 69                 | ---              | ---       | ---                |
| <b>UNITED STATES</b>        |                   |        |        |                |      |                    |                  |           |                    |
| Corn, Grain                 | 54,598            | 57,359 | 64,086 | 83.9           | 71.7 | 84.3               | 4,582,534        | 4,109,792 | 5,399,670          |
| Wheat                       |                   |        |        |                |      |                    |                  |           |                    |
| Winter <sup>2/</sup>        | 36,723            | 33,453 | 33,051 | 31.2           | 33.4 | 35.2               | 1,147,194        | 1,118,039 | 1,162,660          |
| Durum                       | 3,330             | 2,018  | 2,687  | 31.9           | 25.0 | 32.4               | 106,087          | 50,522    | 87,038             |
| Other Spring                | 7,524             | 8,835  | 12,620 | 27.5           | 23.8 | 29.9               | 206,906          | 209,904   | 377,877            |
| Oats <sup>2/</sup>          | 17,930            | 18,580 | 15,693 | 53.0           | 48.9 | 56.4               | 950,023          | 909,481   | 884,642            |
| Soybeans for beans          | 40,982            | 42,447 | 42,830 | 27.5           | 26.8 | 27.4               | 1,126,314        | 1,135,769 | 1,175,447          |
| Barley <sup>2/</sup>        | 9,531             | 9,642  | 10,206 | 44.4           | 42.6 | 46.0               | 423,547          | 410,445   | 469,879            |
| Rye <sup>2/</sup>           | 1,346             | 1,486  | 1,799  | 23.5           | 25.9 | 29.1               | 31,583           | 38,552    | 52,306             |
| Flaxseed                    | 2,616             | 2,888  | 1,630  | 13.4           | 10.4 | 12.3               | 35,122           | 29,970    | 20,011             |
| Sorghum grain               | 13,525            | 13,751 | 16,340 | 55.3           | 50.7 | 54.6               | 747,280          | 697,050   | 892,108            |
| Hay, all <sup>3/</sup>      | 62,053            | 63,234 | 63,589 | 2.06           | 2.02 | 2.06               | 127,675          | 127,899   | 131,081            |
| Pasture Cond. <sup>4/</sup> | ---               | ---    | ---    | 5/78           | 81   | 82                 | ---              | ---       | ---                |

<sup>1/</sup>Indicated October 1. <sup>2/</sup>Estimates are not based on current indications but are carried forward from previous report. <sup>3/</sup>Yield and production in tons. <sup>4/</sup>Percent of normal Oct. 1. <sup>5/</sup>1960-69 average.

CROP REPORT

November 1, 1971



I | Crop and Livestock  
O | Reporting Service  
W | Des Moines 50309  
A | November 12, 1971

The November 1 forecast of corn and soybean production in Iowa is up from a month earlier, according to the Iowa Crop and Livestock Reporting Service. About 60 percent of corn and 90 percent of soybean acreage had been harvested by November 1 which is well ahead of average. An 18 percent increase in corn acreage for grain coupled with excellent yields produced Iowa's first billion bushel corn crop. Soybean production in 1971 is expected to be 2 percent below 1970. Prolonged dry conditions and a 5 percent reduction in soybean acreage resulted in this year's reduced soybean crop.

**CORN:** Iowa's bumper corn crop is forecast at a record 1.2 billion bushels. This is 4 percent more than the October 1 forecast, 41 percent more than the 1970 production of 859 million bushels and 23 percent above the previous high of 986 million bushels produced in 1967.

The yield per acre is forecast at a record 103 bushels, up 4 bushels from October 1. This is 17 bushels above the 1970 yield and 5 bushels above the previous top yield of 98 bushels in 1969.

**SOYBEANS:** Soybean production, as of November 1, is forecast at 183 million bushels, 3 percent above a month earlier but 2 percent less than the record 187 million bushels produced in 1970. The yield at 33 bushels per acre is up 1 bushel from October 1 and equals the previous record yield set in 1969.

**UNITED STATES:** Production of corn for grain is forecast at 5.55 billion bushels, 152 million or 3 percent more than the October 1 forecast and 35 percent more than the 1970 crop. The average yield is forecast at 86.6 bushels per acre, 14.9 bushels above the 1970 yield of 71.7 bushels.

The Nation's soybean crop is forecast at 1,200 million bushels, about 6 percent greater than the 1970 crop of 1,136 million bushels. The average yield is forecast at 28.0 bushels per acre compared with 26.8 in 1970.

NOVEMBER 1971 CROP SUMMARY - IOWA AND UNITED STATES

| CROP                        | Acres for harvest |        |        | Yield per acre   |      |                    | Production       |           |                    |
|-----------------------------|-------------------|--------|--------|------------------|------|--------------------|------------------|-----------|--------------------|
|                             | 1969              | 1970   | 1971   | 1969             | 1970 | 1971 <sup>1/</sup> | 1969             | 1970      | 1971 <sup>1/</sup> |
|                             | Thousands         |        |        | Bushels          |      |                    | Thousand Bushels |           |                    |
| <b>IOWA</b>                 |                   |        |        |                  |      |                    |                  |           |                    |
| Corn, Grain                 | 9,514             | 9,990  | 11,788 | 98.0             | 86.0 | 103.0              | 932,372          | 859,140   | 1,214,164          |
| Winter wheat <sup>2/</sup>  | 40                | 40     | 36     | 33.0             | 35.0 | 35.0               | 1,320            | 1,400     | 1,260              |
| Oats <sup>2/</sup>          | 1,840             | 1,711  | 1,574  | 51.0             | 54.0 | 59.0               | 93,840           | 92,840    | 92,866             |
| Soybeans for beans          | 5,450             | 5,832  | 5,540  | 33.0             | 32.0 | 33.0               | 179,850          | 186,624   | 182,820            |
| Barley <sup>2/</sup>        | 4                 | 5      | 7      | 44.0             | 40.0 | 46.0               | 176              | 200       | 322                |
| Rye <sup>2/</sup>           | 5                 | 5      | 5      | 22.0             | 25.0 | 25.0               | 110              | 125       | 125                |
| Flaxseed <sup>2/</sup>      | 1                 | 1      | 1      | 19.0             | 18.0 | 23.0               | 19               | 18        | 23                 |
| Sorghum grain <sup>2/</sup> | 36                | 32     | 113    | 82.0             | 74.0 | 80.0               | 2,952            | 2,368     | 9,040              |
| Hay, all <sup>3/</sup>      | 2,557             | 2,502  | 2,425  | 2.87             | 2.76 | 2.82               | 7,344            | 6,910     | 6,836              |
| Pasture Cond. <sup>4/</sup> | ---               | ---    | ---    | 88               | 89   | 79                 | ---              | ---       | ---                |
| <b>UNITED STATES</b>        |                   |        |        |                  |      |                    |                  |           |                    |
| Corn, Grain                 | 54,598            | 57,359 | 64,086 | 83.9             | 71.7 | 86.6               | 4,582,534        | 4,109,792 | 5,551,769          |
| Wheat <sup>2/</sup>         |                   |        |        |                  |      |                    |                  |           |                    |
| Winter                      | 36,723            | 33,453 | 33,051 | 31.2             | 33.4 | 35.2               | 1,147,194        | 1,118,039 | 1,162,660          |
| Durum                       | 3,330             | 2,018  | 2,687  | 31.9             | 25.0 | 32.4               | 106,087          | 50,522    | 87,038             |
| Other Spring                | 7,524             | 8,835  | 12,620 | 27.5             | 23.8 | 29.9               | 206,906          | 209,904   | 377,877            |
| Oats                        | 17,930            | 18,580 | 15,693 | 53.0             | 48.9 | 56.4               | 950,023          | 909,481   | 884,642            |
| Soybeans for beans          | 40,982            | 42,447 | 42,830 | 27.5             | 26.8 | 28.0               | 1,126,314        | 1,135,769 | 1,200,201          |
| Barley <sup>2/</sup>        | 9,531             | 9,642  | 10,206 | 44.4             | 42.6 | 46.0               | 423,547          | 410,445   | 469,879            |
| Rye <sup>2/</sup>           | 1,346             | 1,485  | 1,799  | 23.5             | 25.9 | 29.1               | 31,583           | 38,552    | 52,306             |
| Flaxseed                    | 2,616             | 2,808  | 1,630  | 13.4             | 10.4 | 12.3               | 35,122           | 29,970    | 20,011             |
| Sorghum grain               | 13,525            | 13,751 | 16,340 | 55.3             | 50.7 | 54.5               | 747,280          | 697,050   | 889,894            |
| Hay, all <sup>3/</sup>      | 62,053            | 63,234 | 63,589 | 2.06             | 2.02 | 2.06               | 127,675          | 127,399   | 131,081            |
| Pasture Cond. <sup>4/</sup> | ---               | ---    | ---    | <sup>5/</sup> 77 | 82   | 84                 | ---              | ---       | ---                |

<sup>1/</sup> Indicated Nov. 1. <sup>2/</sup> Estimates are not based on current indications but are carried forward from previous report. <sup>3/</sup> Yield and production in tons. <sup>4/</sup> Percent of normal Nov. 1. <sup>5/</sup> 1960-69 average.

CROP REPORT

May 1, 1972

I | Crop and Livestock  
O | Reporting Service  
W | Des Moines 50309  
A | May 15, 1972

Iowa winter wheat production is forecast at 1,480,000 bushels, according to the Iowa Crop and Livestock Reporting Service. This is 11 percent greater than the 1971 crop of 1,332,000 bushels. The 1971 yield is forecast at 37 bushels per harvested acre, the same as last year.

May 1 pasture condition was 76 percent of normal compared to 82 percent a year earlier. Pasture growth was slow in starting due to cool conditions.

Hay stocks on Iowa farms on May 1 totaled 1,874,000 tons, about the same as a year ago.

UNITED STATES:

Winter wheat production is forecast at 1,149.1 million bushels, 1 percent less than the 1,163.4 million bushels produced in 1971. Hay stocks on May 1 totaled 25.8 million tons, 16 percent more than the 22.3 million tons a year earlier.

May 1 Crop Summary, Iowa and United States

Winter Wheat

|       | <u>Acres for harvest</u> |        |        | <u>Yield per acre</u> |      |      | <u>Production</u>       |           |           |
|-------|--------------------------|--------|--------|-----------------------|------|------|-------------------------|-----------|-----------|
|       | 1970                     | 1971   | 1972   | 1970                  | 1971 | 1972 | 1970                    | 1971      | 1972      |
|       | <u>Thousand Acres</u>    |        |        | <u>Bushels</u>        |      |      | <u>Thousand Bushels</u> |           |           |
| IOWA  | 40                       | 36     | 40     | 35.0                  | 37.0 | 37.0 | 1,400                   | 1,332     | 1,480     |
| U. S. | 33,300                   | 33,049 | 34,823 | 33.3                  | 35.2 | 33.0 | 1,110,290               | 1,163,420 | 1,149,064 |

Hay Stocks on Farms May 1

|       | <u>1970</u>       |            | <u>1971</u>       |            | <u>1972</u>       |            |
|-------|-------------------|------------|-------------------|------------|-------------------|------------|
|       | Percent <u>1/</u> | 1,000 Tons | Percent <u>1/</u> | 1,000 Tons | Percent <u>1/</u> | 1,000 Tons |
|       | IOWA              | 29         | 2,130             | 27         | 1,866             | 27         |
| U. S. | 19.0              | 24,302     | 17.5              | 22,263     | 19.7              | 25,805     |

1/ Percent of previous year's crop.



CROP REPORT

July 1, 1972

I/ Crop and Livestock  
O/ Reporting Service  
W/ Des Moines 50309  
A/ July 12, 1972

Crop prospects in all areas of the State on July 1 were generally good to excellent, according to the Iowa Crop and Livestock Reporting Service. There is considerable variation in the growth and development of crops with corn and soybeans least advanced in the east and southeast areas. This is due mainly to the prolonged wet conditions which delayed plantings. Statewide, crop development is not as far advanced as in 1971 but is about average. Conditions have been exceptionally favorable for small grains to fill out. Frequent rains delayed the harvest of first cutting alfalfa and clover in some areas but quality was generally good.

(The first forecast of corn production, hay and sorghum for grain will be in the August Crop Report to be released August 10.)

**CORN:** Acreage of corn for grain in 1972 is estimated at 10.45 million acres, 10 percent or 1.12 million acres less than in 1971.

Corn planted for all purposes this year is estimated at 11.1 million acres, 9 percent less than in 1971. This is 1 percent less than was intended in March.

Acres of white corn for harvest (excluding sweetcorn and popcorn) is estimated at 25,000 acres, sharply down from the 43,000 acres harvested in 1971.

**SOYBEANS:** Acreage of soybeans to be harvested for beans is indicated at 6.15 million acres, 13 percent more than in 1971. This is a record acreage and 8 percent more than the previous record of 5.68 million acres harvested in 1970. The indicated acreage is 6 percent more than intentions pointed to in March. Wet field conditions in some areas late into the planting season resulted in a change from corn acreage to soybeans.

(Continued)

JULY 1972 CROP SUMMARY - IOWA AND UNITED STATES

| CROP                        | Acres for harvest |        |        | Yield per acre |       |      | Production       |           |           |
|-----------------------------|-------------------|--------|--------|----------------|-------|------|------------------|-----------|-----------|
|                             | 1970              | 1971   | 1972   | 1970           | 1971  | 1972 | 1970             | 1971      | 1972      |
|                             | Thousands         |        |        | Bushels        |       |      | Thousand Bushels |           |           |
| <b>IOWA</b>                 |                   |        |        |                |       |      |                  |           |           |
| Corn, Grain <sup>1/</sup>   | 9,990             | 11,570 | 10,450 | 86.0           | 102.0 | ---  | 859,140          | 1,180,140 | ---       |
| White Corn                  | ---               | 43     | 25     | ---            | 92.0  | ---  | ---              | 3,956     | ---       |
| Winter Wheat                | 40                | 36     | 40     | 35.0           | 37.0  | 37.0 | 1,400            | 1,332     | 1,480     |
| Oats                        | 1,711             | 1,550  | 1,350  | 55.0           | 59.0  | 59.0 | 94,105           | 91,450    | 79,650    |
| Soybeans for beans          | 5,680             | 5,440  | 6,147  | 32.5           | 32.0  | ---  | 184,600          | 174,080   | ---       |
| Barley                      | 4                 | 4      | 5      | 41.0           | 45.0  | 45.0 | 164              | 180       | 225       |
| Rye                         | 5                 | 6      | 5      | 26.0           | 24.0  | 26.0 | 130              | 144       | 130       |
| Sorghum grain               | 26                | 140    | 85     | 77.0           | 85.0  | ---  | 2,002            | 8,500     | ---       |
| Hay, all <sup>3/</sup>      | 2,502             | 2,450  | 2,352  | 2.76           | 2.33  | ---  | 6,910            | 6,941     | ---       |
| Pasture Cond. <sup>4/</sup> | XXX               | XXX    | XXX    | 92             | 86    | 92   | XXX              | XXX       | XXX       |
| <b>UNITED STATES</b>        |                   |        |        |                |       |      |                  |           |           |
| Corn, Grain <sup>1/</sup>   | 57,224            | 63,819 | 57,296 | ---            | ---   | ---  | ---              | ---       | ---       |
| White Corn                  | ---               | ---    | ---    | ---            | ---   | ---  | ---              | ---       | ---       |
| 10 States                   | ---               | 1,067  | 415    | ---            | ---   | ---  | ---              | ---       | ---       |
| Wheat                       | ---               | ---    | ---    | ---            | ---   | ---  | ---              | ---       | ---       |
| Winter                      | 33,300            | 33,049 | 35,364 | 33.3           | 35.2  | 33.8 | 1,110,290        | 1,163,420 | 1,195,199 |
| Durum                       | 2,018             | 2,750  | 2,506  | 25.0           | 31.9  | 30.8 | 50,522           | 87,820    | 77,301    |
| Other Spring                | 8,823             | 12,654 | 9,969  | 23.7           | 30.7  | 27.9 | 209,413          | 388,276   | 278,167   |
| Oats                        | 18,524            | 15,734 | 14,252 | 49.1           | 55.7  | 50.0 | 908,702          | 875,775   | 711,909   |
| Soybeans for beans          | 42,056            | 42,409 | 45,590 | ---            | ---   | ---  | ---              | ---       | ---       |
| Barley                      | 9,628             | 10,135 | 9,640  | 42.6           | 45.6  | 42.3 | 409,780          | 462,484   | 407,635   |
| Rye                         | 1,495             | 1,817  | 1,153  | 26.0           | 28.0  | 26.7 | 38,819           | 50,935    | 30,798    |
| Sorghum grain               | 13,732            | 16,601 | 13,652 | ---            | ---   | ---  | ---              | ---       | ---       |
| Hay, all <sup>3/</sup>      | 62,911            | 63,265 | 62,511 | ---            | ---   | ---  | ---              | ---       | ---       |
| Pasture Cond. <sup>4/</sup> | XXX               | XXX    | XXX    | ---            | 80    | 82   | XXX              | XXX       | XXX       |

<sup>1/</sup> Includes white corn. <sup>2/</sup> Indicated July 1. <sup>3/</sup> Yield and production in tons. <sup>4/</sup> Percent of normal July 1.

U. S. Department of Agriculture  
Statistical Reporting Service

(OVER)

Iowa Department of Agriculture  
Agricultural Statistics Division

CROP REPORT

August 1, 1972



I | Crop and Livestock  
O | Reporting Service  
W | Des Moines 50309  
A | August 11, 1972

Crop prospects on August 1 were good to excellent over the State, according to the Iowa Crop and Livestock Reporting Service. Temperatures were subnormal during July but precipitation was above normal with additional rain received over the State during the first week in August. Crop development made good progress during July and is about average but somewhat behind 1971.

Frequent rains and soft fields have delayed oat harvest and haying. Pastures have benefited from the adequate moisture supply and have remained green with no sign of the usual summer deterioration.

**CORN:** Iowa's corn crop is forecast at 1.1 billion bushels, 9 percent less than the 1.18 billion bushels produced in 1971. Acreage for harvest for grain, at 10.45 million acres, is 10 percent less than harvested for grain last year.

The yield is forecast at a record 103 bushels per acre, 1 bushel more than the previous record 102 bushels in 1971. Statewide, corn planting was later than a year ago and in some areas much later due to wet conditions but the crop has made good progress since early July.

**SOYBEANS:** Soybean production is forecast at a record 203 million bushels, about 17 percent more than the 174 million produced in 1971 and 10 percent more than the previous record production of 185 million bushels in 1970. Acreage for harvest is estimated at 6.15 million acres compared with 5.44 million acres last year. The expected yield of 33.0 bushels per acre is 1 bushel above the 1971 yield and equals the record yield of 1969.

**OATS:** Oat production is estimated at 78.30 million bushels, 14 percent less than produced in 1971.

A yield of 58.0 bushels per acre is forecast, down 1 bushel from July 1 and also 1 bushel below last year. Oat harvest has been delayed because of rain and wet conditions. Lodging has occurred in many standing fields and some losses may occur in windrowed fields.

AUGUST 1972 CROP SUMMARY - IOWA AND UNITED STATES

| CROP                        | Acres for harvest |        |        | Yield per acre |       |                    | Production       |           |                    |
|-----------------------------|-------------------|--------|--------|----------------|-------|--------------------|------------------|-----------|--------------------|
|                             | 1970              | 1971   | 1972   | 1970           | 1971  | 1972 <sup>1/</sup> | 1970             | 1971      | 1972 <sup>1/</sup> |
|                             | Thousands         |        |        | Bushels        |       |                    | Thousand Bushels |           |                    |
| <b>IOWA</b>                 |                   |        |        |                |       |                    |                  |           |                    |
| Corn, Grain                 | 9,990             | 11,570 | 10,450 | 86.0           | 102.0 | 103.0              | 859,140          | 1,180,140 | 1,076,350          |
| Winter wheat <sup>2/</sup>  | 40                | 36     | 40     | 35.0           | 37.0  | 37.0               | 1,400            | 1,332     | 1,480              |
| Oats                        | 1,711             | 1,550  | 1,350  | 55.0           | 59.0  | 58.0               | 94,105           | 91,450    | 78,300             |
| Soybeans for beans          | 5,680             | 5,440  | 6,147  | 32.5           | 32.0  | 33.0               | 184,600          | 174,080   | 202,851            |
| Barley <sup>2/</sup>        | 4                 | 4      | 5      | 41.0           | 45.0  | 45.0               | 164              | 180       | 225                |
| Rye <sup>2/</sup>           | 5                 | 6      | 5      | 26.0           | 24.0  | 26.0               | 130              | 144       | 130                |
| Sorghum grain               | 26                | 140    | 55     | 77.0           | 85.0  | 85.0               | 2,002            | 8,500     | 4,675              |
| Hay, all <sup>3/</sup>      | 2,502             | 2,450  | 2,352  | 2.76           | 2.83  | 2.91               | 6,910            | 6,941     | 6,846              |
| Pasture Cond. <sup>4/</sup> | ---               | ---    | ---    | 71             | 84    | 92                 | ---              | ---       | ---                |
| <b>UNITED STATES</b>        |                   |        |        |                |       |                    |                  |           |                    |
| Corn, Grain                 | 57,224            | 63,819 | 57,141 | 71.6           | 86.8  | 86.6               | 4,099,493        | 5,540,253 | 4,947,986          |
| Wheat <sup>2/</sup>         |                   |        |        |                |       |                    |                  |           |                    |
| Winter                      | 33,300            | 33,049 | 35,364 | 33.3           | 35.2  | 33.8               | 1,110,290        | 1,163,420 | 1,196,353          |
| Durum                       | 2,018             | 2,750  | 2,506  | 25.0           | 31.9  | 29.1               | 50,522           | 87,820    | 72,857             |
| Other Spring                | 8,823             | 12,654 | 9,969  | 23.7           | 30.7  | 27.5               | 209,413          | 388,276   | 273,902            |
| Oats                        | 18,524            | 15,734 | 14,181 | 49.1           | 55.7  | 52.0               | 908,702          | 875,775   | 736,775            |
| Soybeans for beans          | 42,056            | 42,409 | 45,846 | 26.7           | 27.6  | 27.7               | 1,123,740        | 1,169,361 | 1,269,616          |
| Barley <sup>2/</sup>        | 9,628             | 10,135 | 9,640  | 42.6           | 45.6  | 42.4               | 409,780          | 462,484   | 409,085            |
| Rye <sup>2/</sup>           | 1,495             | 1,817  | 1,153  | 26.0           | 28.0  | 27.2               | 38,819           | 50,935    | 31,315             |
| Sorghum grain               | 13,732            | 16,601 | 13,975 | 50.7           | 53.9  | 57.5               | 696,454          | 895,349   | 803,168            |
| Hay, all <sup>3/</sup>      | 62,911            | 63,265 | 62,543 | 2.03           | 2.07  | 2.04               | 127,465          | 130,954   | 127,822            |
| Pasture Cond. <sup>4/</sup> | ---               | ---    | ---    | 78             | 77    | 81                 | ---              | ---       | ---                |

<sup>1/</sup> Indicated August 1. <sup>2/</sup> Indicated July 1. <sup>3/</sup> Yield and production in tons. <sup>4/</sup> Percent of normal August 1.

CROP REPORT

September 1, 1972

I | Crop and Livestock  
O | Reporting Service  
W | Des Moines 50309  
A | September 12, 1972

Corn and soybean production prospects gained during August but oats production declined, according to the Iowa Crop and Livestock Reporting Service.

Corn and soybean prospects on September 1 were good to excellent over the entire State. Temperatures averaged about 2 degrees cooler than normal during August and precipitation was above normal in most areas of the State. Crop development made good progress during August and is about average but somewhat behind 1971. Hail was quite damaging during the month, particularly in Humboldt, Pocahontas and Webster Counties.

Production forecasts in this report do not reflect any crop losses which may result from the extremely heavy rains in western counties on September 10-12.

Frequent rains in early August delayed oat harvest and caused some losses. Pastures have benefited from the adequate moisture supply and cool weather. Pasture condition at 95 percent of normal on September 1 is one of the highest on record for that date.

**CORN:** Iowa's corn crop is forecast at 1.12 billion bushels, 4 percent more than on August 1 but 5 percent less than the record 1.18 billion bushels produced in 1971. Acreage for harvest for grain, at 10.45 million acres, is 10 percent less than harvested for grain last year.

The yield is forecast at a record 107 bushels per acre, 5 bushels more than the previous record 102 bushels in 1971 and up 4 bushels from the August 1 forecast. Statewide, corn planting was later than a year ago and in some areas much later due to wet conditions but the crop has made good progress since early July and is about normal in development toward maturity.

**SOYBEANS:** Soybean production is forecast at a record 209 million bushels, about 20 percent more than the 174 million produced in 1971 and 13 percent more than the previous record production of 185 million bushels in 1970. Acreage for harvest is estimated at 6.15 million acres compared with 5.44 million acres last year. The expected yield of 34.0 bushels per acre is 2 bushels above the 1971 yield and exceeds the record yield of 1969 by 1 bushel.

----- SEPTEMBER 1972 CROP SUMMARY - IOWA AND UNITED STATES -----

| CROP                        | Acres for harvest |        |        | Yield per acre   |       |                    | Production              |           |                    |
|-----------------------------|-------------------|--------|--------|------------------|-------|--------------------|-------------------------|-----------|--------------------|
|                             | 1970              | 1971   | 1972   | 1970             | 1971  | 1972 <sup>1/</sup> | 1970                    | 1971      | 1972 <sup>1/</sup> |
| <b>IOWA</b>                 | <u>Thousands</u>  |        |        | <u>Bushels</u>   |       |                    | <u>Thousand Bushels</u> |           |                    |
| Corn, Grain                 | 9,990             | 11,570 | 10,450 | 86.0             | 102.0 | 107.0              | 859,140                 | 1,180,140 | 1,118,150          |
| Winter wheat <sup>2/</sup>  | 40                | 36     | 40     | 35.0             | 37.0  | 37.0               | 1,400                   | 1,332     | 1,480              |
| Oats                        | 1,711             | 1,550  | 1,350  | 55.0             | 59.0  | 57.0               | 94,105                  | 91,450    | 76,950             |
| Soybeans for beans          | 5,680             | 5,440  | 6,147  | 32.5             | 32.0  | 34.0               | 184,600                 | 174,080   | 208,998            |
| Barley <sup>2/</sup>        | 4                 | 4      | 5      | 41.0             | 45.0  | 45.0               | 164                     | 180       | 225                |
| Rye <sup>2/</sup>           | 5                 | 6      | 5      | 26.0             | 24.0  | 26.0               | 130                     | 144       | 130                |
| Sorghum grain               | 26                | 100    | 55     | 77.0             | 85.0  | 85.0               | 2,002                   | 8,500     | 4,675              |
| Hay, all <sup>2/ 3/</sup>   | 2,502             | 2,450  | 2,352  | 2.76             | 2.83  | 2.91               | 6,910                   | 6,941     | 6,846              |
| Pasture Cond. <sup>4/</sup> | ---               | ---    | ---    | 80               | 64    | 95                 | ---                     | ---       | ---                |
| <b>UNITED STATES</b>        |                   |        |        |                  |       |                    |                         |           |                    |
| Corn, Grain                 | 57,224            | 63,819 | 57,141 | 71.6             | 86.8  | 89.7               | 4,099,493               | 5,540,253 | 5,124,425          |
| Wheat <sup>2/</sup>         |                   |        |        |                  |       |                    |                         |           |                    |
| Winter                      | 33,300            | 33,049 | 35,364 | 33.3             | 35.2  | 33.9               | 1,110,290               | 1,163,420 | 1,198,103          |
| Durum                       | 2,018             | 2,750  | 2,506  | 25.0             | 31.9  | 30.0               | 50,522                  | 87,820    | 75,074             |
| Other Spring                | 8,823             | 12,654 | 9,969  | 23.7             | 30.7  | 28.7               | 209,413                 | 388,276   | 286,324            |
| Oats                        | 18,524            | 15,734 | 14,181 | 49.1             | 55.7  | 51.5               | 908,702                 | 875,775   | 730,762            |
| Soybeans for beans          | 42,056            | 42,409 | 45,846 | 26.7             | 27.6  | 28.1               | 1,123,740               | 1,169,361 | 1,286,015          |
| Barley <sup>2/</sup>        | 9,628             | 10,135 | 9,640  | 42.6             | 45.6  | 43.4               | 409,780                 | 462,484   | 418,165            |
| Rye <sup>2/</sup>           | 1,495             | 1,817  | 1,153  | 26.0             | 28.0  | 27.2               | 38,819                  | 50,935    | 31,315             |
| Sorghum grain               | 13,732            | 16,601 | 13,975 | 50.7             | 53.9  | 61.6               | 696,454                 | 895,349   | 854,312            |
| Hay, all <sup>2/ 3/</sup>   | 62,911            | 63,265 | 62,543 | 2.03             | 2.07  | 2.04               | 127,465                 | 130,954   | 127,822            |
| Pasture Cond. <sup>4/</sup> | ---               | ---    | ---    | 76 <sup>5/</sup> | 77    | 81                 | ---                     | ---       | ---                |

<sup>1/</sup> Indicated September 1. <sup>2/</sup> Estimates carried forward from previous report. <sup>3/</sup> Yield and production in tons. <sup>4/</sup> Percent of normal September 1. <sup>5/</sup> 1970 percentage is the 1961-70 average.

C R O P R E P O R T

October 1, 1972

I | Crop and Livestock  
O | Reporting Service  
W | Des Moines 50309  
A | October 12, 1972

Corn and soybean production prospects improved Statewide during September, according to the Iowa Crop and Livestock Reporting Service with record yields expected for both crops. Favorable growing conditions and an adequate supply of moisture during the month permitted full development of corn and soybeans.

Heavy rains, September 10-12th, in Shelby and upper Audubon counties and on the 25th in the Charles City and Decorah areas caused flooding along streams and deposited debris in fields.

By October 10th, 16 percent of the soybeans had been harvested, well behind the 1966-70 average of 40 percent, and 50 percent a year earlier. Corn harvest at 10 percent complete is about average.

Temperatures averaged below normal the latter half of September with the first freeze occurring on the 30th. This was 10 days ahead of normal in the central and southern parts of the State. Except for some late fields most of the corn and soybeans were safe from frost by the first freeze.

An adequate moisture supply has been beneficial for pastures, legumes and fall seeded grains. Pastures are good over the entire State and at 94 percent of normal on October 1 are the highest in twenty years.

CORN: Iowa's corn crop is forecast at 1.16 billion bushels, about 4 percent (41.8 million bushels) more than the September 1 forecast of 1.12 billion bushels but 2 percent less than the record 1.18 billion bushels produced in 1971. Acreage for harvest for grain, at 10.45 million acres is 10 percent less than harvested for grain in 1971.

The yield is forecast at a record 111 bushels per acre, up 4 bushels from the September 1 forecast and 9 bushels above the previous record of 102 bushels in 1971.

SOYBEANS: Soybean production is forecast at a record 221.3 million bushels, 6 percent (12.3 million bushels) more than forecast September 1. This

OCTOBER 1972 CROP SUMMARY - IOWA AND UNITED STATES

| CROP                        | Acres for harvest |        |        | Yield per acre   |       |                    | Production              |           |                    |
|-----------------------------|-------------------|--------|--------|------------------|-------|--------------------|-------------------------|-----------|--------------------|
|                             | 1970              | 1971   | 1972   | 1970             | 1971  | 1972 <sup>1/</sup> | 1970                    | 1971      | 1972 <sup>1/</sup> |
| <b>IOWA</b>                 |                   |        |        |                  |       |                    |                         |           |                    |
|                             | <u>Thousands</u>  |        |        | <u>Bushels</u>   |       |                    | <u>Thousand Bushels</u> |           |                    |
| Corn, Grain                 | 9,990             | 11,570 | 10,450 | 86.0             | 102.0 | 111.0              | 859,140                 | 1,180,140 | 1,159,950          |
| Winter wheat <sup>2/</sup>  | 40                | 36     | 40     | 35.0             | 37.0  | 37.0               | 1,400                   | 1,332     | 1,480              |
| Oats                        | 1,711             | 1,550  | 1,350  | 55.0             | 59.0  | 57.0               | 94,105                  | 91,450    | 76,950             |
| Soybeans for beans          | 5,680             | 5,440  | 6,147  | 32.5             | 32.0  | 36.0               | 184,600                 | 174,080   | 221,292            |
| Barley <sup>2/</sup>        | 4                 | 4      | 5      | 41.0             | 45.0  | 45.0               | 164                     | 180       | 225                |
| Rye <sup>2/</sup>           | 5                 | 6      | 5      | 26.0             | 24.0  | 26.0               | 130                     | 144       | 130                |
| Sorghum grain               | 26                | 100    | 55     | 77.0             | 85.0  | 85.0               | 2,002                   | 8,500     | 4,675              |
| Hay, all <sup>2/ 3/</sup>   | 2,502             | 2,450  | 2,352  | 2.76             | 2.83  | 3.18               | 6,910                   | 6,941     | 7,484              |
| Pasture Cond. <sup>4/</sup> | ---               | ---    | ---    | 87               | 69    | 94                 | ---                     | ---       | ---                |
| <b>UNITED STATES</b>        |                   |        |        |                  |       |                    |                         |           |                    |
| Corn, Grain                 | 57,224            | 63,819 | 57,141 | 71.6             | 86.8  | 92.2               | 4,099,493               | 5,540,253 | 5,265,817          |
| Wheat <sup>2/</sup>         |                   |        |        |                  |       |                    |                         |           |                    |
| Winter                      | 33,300            | 33,049 | 35,364 | 33.3             | 35.2  | 33.9               | 1,110,290               | 1,163,420 | 1,198,103          |
| Durum                       | 2,018             | 2,750  | 2,506  | 25.0             | 31.9  | 29.5               | 50,522                  | 87,820    | 73,946             |
| Other Spring                | 8,823             | 12,654 | 9,969  | 23.7             | 30.7  | 28.8               | 209,413                 | 388,276   | 286,947            |
| Oats                        | 18,524            | 15,734 | 14,181 | 49.1             | 55.7  | 51.5               | 908,702                 | 875,775   | 730,762            |
| Soybeans for beans          | 42,056            | 42,409 | 45,846 | 26.7             | 27.6  | 28.7               | 1,123,740               | 1,169,361 | 1,317,090          |
| Barley <sup>2/</sup>        | 9,628             | 10,135 | 9,640  | 42.6             | 45.6  | 43.4               | 409,780                 | 462,484   | 418,165            |
| Rye <sup>2/</sup>           | 1,495             | 1,817  | 1,153  | 26.0             | 28.0  | 27.2               | 38,819                  | 50,935    | 31,315             |
| Sorghum grain               | 13,732            | 16,601 | 13,975 | 50.7             | 53.9  | 62.1               | 696,454                 | 895,349   | 867,966            |
| Hay, all <sup>2/ 3/</sup>   | 62,911            | 63,265 | 62,543 | 2.03             | 2.07  | 2.14               | 127,465                 | 130,954   | 133,961            |
| Pasture Cond. <sup>4/</sup> | ---               | ---    | ---    | <sup>5/</sup> 79 | 80    | 80                 | ---                     | ---       | ---                |

<sup>1/</sup> Indicated October 1. <sup>2/</sup> Estimates carried forward from previous report. <sup>3/</sup> Yield and production in tons. <sup>4/</sup> Percent of normal September 1. <sup>5/</sup> 1970 percentage is the 1961-70 average.

U. S. Department of Agriculture  
Statistical Reporting Service

(OVER)

Iowa Department of Agriculture  
Agricultural Statistics Division

C R O P R E P O R T

November 1, 1972



I | Crop and Livestock  
O | Reporting Service  
W | Des Moines 50309  
A | November 9, 1972

Corn and soybean production prospects are up from October 1, according to the Iowa Crop and Livestock Reporting Service. Some excellent yields have been reported and record State average yields per acre are expected for both crops. Prospects are for another billion bushel corn crop with the 1972 crop about 2 percent larger than produced in 1971 despite a reduction of 10 percent in acreage harvested.

Rainy weather and wet field conditions have delayed harvest. By November 6th, corn harvest was 30 percent complete, which is well behind both the 1966-70 average of 47 percent and 72 percent in 1971. Soybean harvest was 80 percent complete, both behind the average of 88 percent and the 93 percent a year ago.

Pastures are good for this time of the year over the entire State and at 91 percent of normal are the highest since 1962.

**CORN:** Iowa's bumper corn crop, forecast at a record 1,201.8 million bushels, is about 4 percent (41.8 million bushels) above the October 1 forecast of 1,160.0 million bushels and 2 percent (21.7 million bushels) more than the previous record production in 1971 of 1,180.1 million bushels. Acreage for harvest for grain is estimated at 10.45 million acres, 10 percent less than harvested for grain in 1971.

The yield is forecast at a record 115 bushels per acre, up 4 bushels from October 1 and 13 bushels above the previous record of 102 bushels in 1971. As harvest slowly progresses, yields are turning out better than anticipated earlier but there is concern about lodging and increased field losses as harvest is delayed.

**SOYBEANS:** Iowa's soybean crop is forecast at a record 227.4 million bushels, up about 3 percent (6.1 million bushels) from October 1. This is 31 percent more than the 1971 crop of 174.1 million bushels and 23 percent (42.8 million

NOVEMBER 1972 CROP SUMMARY -- IOWA AND UNITED STATES

| CROP                        | Acres for harvest |        |        | Yield per acre   |       |       | Production       |           |           |
|-----------------------------|-------------------|--------|--------|------------------|-------|-------|------------------|-----------|-----------|
|                             | 1970              | 1971   | 1972   | 1970             | 1971  | 1972  | 1970             | 1971      | 1972      |
| <b>IOWA</b>                 |                   |        |        |                  |       |       |                  |           |           |
|                             | Thousands         |        |        | Bushels          |       |       | Thousand Bushels |           |           |
| Corn, Grain                 | 9,990             | 11,570 | 10,450 | 86.0             | 102.0 | 115.0 | 859,140          | 1,180,140 | 1,201,750 |
| Winter wheat <sup>2/</sup>  | 40                | 36     | 40     | 35.0             | 37.0  | 37.0  | 1,400            | 1,332     | 1,480     |
| Oats <sup>2/</sup>          | 1,711             | 1,550  | 1,350  | 55.0             | 59.0  | 57.0  | 94,105           | 91,450    | 76,950    |
| Soybeans                    |                   |        |        |                  |       |       |                  |           |           |
| for beans                   | 5,680             | 5,440  | 6,147  | 32.5             | 32.0  | 37.0  | 184,600          | 174,080   | 227,439   |
| Barley <sup>2/</sup>        | 4                 | 4      | 5      | 41.0             | 45.0  | 45.0  | 164              | 180       | 225       |
| Rye <sup>2/</sup>           | 5                 | 6      | 5      | 26.0             | 24.0  | 26.0  | 130              | 144       | 130       |
| Sorghum grain <sup>2/</sup> | 26                | 100    | 55     | 77.0             | 85.0  | 85.0  | 2,002            | 8,500     | 4,675     |
| Hay, all <sup>3/ 2/</sup>   | 2,502             | 2,450  | 2,352  | 2.76             | 2.83  | 3.18  | 6,910            | 6,941     | 7,484     |
| Pasture Cond. <sup>4/</sup> | ---               | ---    | ---    | 88               | 79    | 91    | ---              | ---       | ---       |
| <b>UNITED STATES</b>        |                   |        |        |                  |       |       |                  |           |           |
| Corn, grain                 | 57,224            | 63,819 | 57,141 | 71.6             | 86.8  | 94.5  | 4,099,493        | 5,540,253 | 5,400,390 |
| Wheat <sup>2/</sup>         |                   |        |        |                  |       |       |                  |           |           |
| Winter                      | 33,300            | 33,049 | 35,364 | 33.3             | 35.2  | 33.9  | 1,110,290        | 1,163,420 | 1,198,103 |
| Durham                      | 2,018             | 2,750  | 2,506  | 25.0             | 31.9  | 29.5  | 50,522           | 87,820    | 73,946    |
| Other Spring                | 8,823             | 12,654 | 9,969  | 23.7             | 30.7  | 28.8  | 209,413          | 388,276   | 286,947   |
| Oats <sup>2/</sup>          | 18,524            | 15,734 | 14,181 | 49.1             | 55.7  | 51.5  | 908,702          | 875,775   | 730,762   |
| Soybeans                    |                   |        |        |                  |       |       |                  |           |           |
| for beans                   | 42,056            | 42,409 | 45,846 | 26.7             | 27.6  | 29.5  | 1,123,740        | 1,169,361 | 1,350,517 |
| Barley <sup>2/</sup>        | 9,628             | 10,135 | 9,640  | 42.6             | 45.6  | 43.4  | 409,780          | 462,484   | 418,165   |
| Rye <sup>2/</sup>           | 1,495             | 1,817  | 1,153  | 26.0             | 28.0  | 27.2  | 38,819           | 50,935    | 31,315    |
| Sorghum grain               | 13,732            | 16,601 | 13,975 | 50.7             | 53.9  | 64.1  | 696,454          | 895,349   | 895,595   |
| Hay, all <sup>2/ 3/</sup>   | 62,911            | 63,265 | 62,543 | 2.03             | 2.07  | 2.14  | 127,465          | 130,954   | 133,961   |
| Pasture Cond. <sup>4/</sup> | ---               | ---    | ---    | <sup>5/</sup> 77 | 83    | 81    | ---              | ---       | ---       |

<sup>1/</sup> Indicated November 1. <sup>2/</sup> Estimates carried forward from previous report. <sup>3/</sup> Yield and production in tons. <sup>4/</sup> Percent of normal November 1. <sup>5/</sup> 1970 percentage is the 1961-70 average.

CROP REPORT

May 1, 1973



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W  
A  
Crop and Livestock  
Reporting Service  
Des Moines 50309  
515-284-4340  
May 11, 1973

Iowa winter wheat production is forecast at 1,102,000 bushels, according to the Iowa Crop and Livestock Reporting Service. This is 11 percent less than the 1972 crop of 1,238,000 bushels. The 1973 yield is forecast at 38 bushels per harvested acre, one-half bushel above the 1972 yield of 37.5 bushels but one-half bushel below the record 1971 yield of 38.5 bushels.

May 1 pasture condition was 88 percent of normal compared to 76 percent a year earlier. Pasture growth has been slow due to cool conditions.

Hay stocks on Iowa farms on May 1 totaled 1,912,000 tons, six percent more than a year ago. Unusually warm weather during March helped reduce hay requirements for the season.

UNITED STATES:

Winter wheat production is forecast at 1,282.0 million bushels, 8 percent more than the 1,185.9 million bushels produced in 1972. Hay stocks on May 1 totaled 24.2 million tons, 5 percent less than the 25.5 million tons a year earlier.

May 1 Crop Summary, Iowa and United States

| Winter Wheat |                   |        |        |                |      |      |                  |           |           |
|--------------|-------------------|--------|--------|----------------|------|------|------------------|-----------|-----------|
|              | Acres for harvest |        |        | Yield per acre |      |      | Production       |           |           |
|              | 1971              | 1972   | 1973   | 1971           | 1972 | 1973 | 1971             | 1972      | 1973      |
|              | Thousand Acres    |        |        | Bushels        |      |      | Thousand Bushels |           |           |
| IOWA         | 36                | 33     | 29     | 38.5           | 37.5 | 38.0 | 1,386            | 1,238     | 1,102     |
| U. S.        | 32,359            | 34,891 | 37,345 | 35.4           | 34.0 | 34.3 | 1,144,164        | 1,185,890 | 1,281,999 |

Hay Stocks on Farms May 1

|       | 1971                  |            | 1972                  |            | 1973                  |            |
|-------|-----------------------|------------|-----------------------|------------|-----------------------|------------|
|       | Percent <sup>1/</sup> | 1,000 Tons | Percent <sup>1/</sup> | 1,000 Tons | Percent <sup>1/</sup> | 1,000 Tons |
| IOWA  | 27                    | 1,842      | 27                    | 1,802      | 28                    | 1,912      |
| U. S. | 17.5                  | 22,194     | 19.7                  | 25,471     | 18.9                  | 24,240     |

<sup>1/</sup> Percent of previous year's crop.

U. S. Department of Agriculture  
Statistical Reporting Service

Iowa Department of Agriculture  
Agricultural Statistics Division

You can't make good decisions  
without good information.

CROP REPORT

July 1, 1973



Crop and Livestock Reporting Service  
Des Moines 50309  
515-284-4340  
July 10, 1973

**IOWA:** Statewide, crop prospects on July 1 were generally good to excellent, according to the Iowa Crop and Livestock Reporting Service. Spring planting started on schedule in the northwest corner of the State but was delayed elsewhere because of wet field conditions. There is considerable variation in growth and development of crops because of the longer planting period. Corn and soybeans are least advanced in the east central, south central and southeast areas due to frequent interruptions by rain at planting time. Earlier planted crops in other areas have made normal growth. Oat prospects are good in the early planted areas but stands are short and uneven in late planted areas. Quality and yields of hay have generally been good but harvest was interrupted by occasional rains.

(The first 1973 forecast of corn and soybean production, sorghum grain and hay will be released August 9.)

**CORN:** Acreage of corn for grain in 1973 is estimated at 11.25 million acres, about 8 percent greater, or 800,000 acres more than in 1972.

Corn planted for all purposes is estimated at 11.90 million acres, 7 percent more than planted in 1972. This is 1 percent more than the 11.80 million acres intended in March.

White corn acreage for harvest (excluding sweetcorn and popcorn) is estimated at 22,000 acres, 12 percent less than the 25,000 acres harvested in 1972.

**SOYBEANS:** Soybean acreage for beans is estimated at a record 7.60 million acres, 26 percent more than previous record acreage in 1972 of 6.05 million acres. This is 4 percent more than the 7.30 million acres intended in March. Wet field conditions in some areas late into the corn planting season and the large demand for soybeans were some factors that resulted in the increased acreage.

(Continued)

JULY 1973 CROP SUMMARY - IOWA AND UNITED STATES

| CROP                        | Acres for harvest |        |        | Yield per acre |       |                    | Production       |           |                    |
|-----------------------------|-------------------|--------|--------|----------------|-------|--------------------|------------------|-----------|--------------------|
|                             | 1971              | 1972   | 1973   | 1971           | 1972  | 1973 <sup>3/</sup> | 1971             | 1972      | 1973 <sup>3/</sup> |
|                             | Thousands         |        |        | Bushels        |       |                    | Thousand Bushels |           |                    |
| <b>IOWA</b>                 |                   |        |        |                |       |                    |                  |           |                    |
| Corn, Planted <sup>1/</sup> | 12,208            | 11,100 | 11,900 | ---            | ---   | ---                | ---              | ---       | ---                |
| Corn, Grain <sup>2/</sup>   | 11,550            | 10,450 | 11,250 | 102.0          | 116.0 | ---                | 1,178,100        | 1,212,200 | ---                |
| White Corn                  | 43                | 25     | 22     | 90.0           | 100.0 | ---                | 3,870            | 2,500     | ---                |
| Winter Wheat                | 36                | 33     | 29     | 38.5           | 37.5  | 39.0               | 1,386            | 1,238     | 1,131              |
| Oats                        | 1,550             | 1,250  | 1,325  | 59.0           | 56.0  | 52.0               | 91,450           | 70,000    | 68,900             |
| Soybeans for beans          | 5,500             | 6,050  | 7,600  | 32.5           | 36.0  | ---                | 178,750          | 217,800   | ---                |
| Barley                      | 6                 | 6      | 4      | 47.0           | 43.0  | ---                | 282              | 258       | ---                |
| Rye                         | 5                 | 6      | 4      | 27.0           | 28.0  | 26.0               | 135              | 168       | 104                |
| Sorghum Grain <sup>5/</sup> | 100               | 51     | 50     | 87.0           | 80.0  | ---                | 8,700            | 4,080     | ---                |
| Hay, all <sup>6/</sup>      | 2,350             | 2,250  | 2,430  | 2.84           | 3.03  | ---                | 6,673            | 6,827     | ---                |
| Pasture Cond. <sup>7/</sup> | xxx               | xxx    | xxx    | 86             | 92    | 94                 | xxx              | xxx       | xxx                |

UNITED STATES

|                             |        |        |        |      |      |      |           |           |                         |
|-----------------------------|--------|--------|--------|------|------|------|-----------|-----------|-------------------------|
| Corn, Grain <sup>2/</sup>   | 64,047 | 57,289 | 62,548 | 88.1 | 96.9 | ---  | 5,641,112 | 5,553,061 | 5,880,000 <sup>8/</sup> |
| White Corn                  |        |        |        |      |      |      |           |           |                         |
| 10 States                   | 1,067  | 436    | 505    | 76.8 | 82.8 | ---  | 81,937    | 36,112    | ---                     |
| Wheat, all                  | 47,674 | 47,301 | 53,588 | 33.9 | 32.7 | 32.6 | 1,617,789 | 1,544,775 | 1,748,533               |
| Winter                      | 32,359 | 34,891 | 38,451 | 35.4 | 34.0 | 34.3 | 1,144,164 | 1,185,890 | 1,319,702               |
| Durum                       | 2,864  | 2,555  | 2,931  | 32.1 | 28.6 | 29.7 | 91,805    | 73,037    | 87,035                  |
| Other Spring                | 12,451 | 9,855  | 12,206 | 30.7 | 29.0 | 28.0 | 381,820   | 285,848   | 341,796                 |
| Oats                        | 15,772 | 13,612 | 14,563 | 55.9 | 51.1 | 49.2 | 881,227   | 694,967   | 716,615                 |
| Soybeans for beans          | 42,701 | 45,755 | 55,731 | 27.5 | 28.0 |      | 1,175,989 | 1,282,935 | 1,588,000 <sup>8/</sup> |
| Barley                      | 10,151 | 9,707  | 10,544 | 45.7 | 43.6 | 41.7 | 463,601   | 423,461   | 439,642                 |
| Rye                         | 1,754  | 1,101  | 1,048  | 28.1 | 26.8 | 23.7 | 49,288    | 29,536    | 24,865                  |
| Sorghum Grain <sup>5/</sup> | 16,301 | 13,546 | 15,203 | 53.7 | 60.7 | ---  | 875,752   | 821,798   | 866,571 <sup>8/</sup>   |
| Hay, all <sup>6/</sup>      | 61,405 | 59,783 | 61,606 | 2.10 | 2.15 | ---  | 129,119   | 128,389   | ---                     |
| Pasture Cond. <sup>7/</sup> | xxx    | xxx    | xxx    | 74   | 82   | 84   | xxx       | xxx       | xxx                     |

1/ Corn planted for all purposes. 2/ Includes white corn. 3/ Indicated July 1. 4/ Discontinued. 5/ 1973 harvested for all purposes. 6/ Yield and production in tons. 7/ Percent of normal July 1. 8/ Based on average yield with an allowance for trend.

August 1, 1973

**IOWA:** Statewide, crop prospects on August 1 were mostly good to excellent, according to the Iowa Crop and Livestock Reporting Service. Crops made good progress during July and are about average over the State but slightly behind a year ago. Row crops are more advanced in the northwest and north central areas and least advanced in the south central and southeast area. Greatest variation exists in soybean growth and development due to the prolonged planting season.

Hay yields have been above average and pastures have remained in good condition except in the northeastern part of the State where some deterioration occurred due to dry conditions.

Oat production is the smallest since 1934 due to a reduction in acreage and below average yields. Oat harvest was 90 percent complete by the first week in August.

**CORN:** Iowa's prospects are for the third billion bushel corn crop, three in a row. Corn production is forecast at 1,181.9 million bushels, the second highest on record, but about 2 percent below the record 1972 crop of 1,212.2 million bushels. Acreage for harvest for grain at 11,150,000 acres is 7 percent more than harvested for grain in 1972.

The seasons first yield forecast of August 1 at 106 bushels is 10 bushels less than the record 116 bushel yield of 1972.

**SOYBEANS:** Soybean production is forecast at a record 259.1 million bushels, 19 percent more than the previous 1972 record crop of 217.8 million bushels. The expected yield is 33.0 bushels per acre.

The crop will be harvested from a record 7,850.0 million acres, 30 percent more than last year.

AUGUST 1973 CROP SUMMARY - IOWA AND UNITED STATES

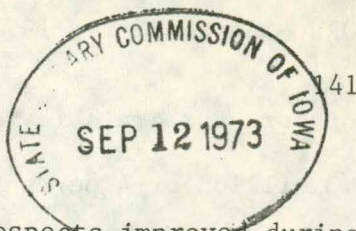
| CROP                        | Acres for Harvest |        | Yield Per Acre |                    | Production       |                    |
|-----------------------------|-------------------|--------|----------------|--------------------|------------------|--------------------|
|                             | 1972              | 1973   | 1972           | 1973 <sup>1/</sup> | 1972             | 1973 <sup>1/</sup> |
|                             | Thousands         |        | Bushels        |                    | Thousand Bushels |                    |
| <b>IOWA</b>                 |                   |        |                |                    |                  |                    |
| Corn, Grain                 | 10,450            | 11,150 | 116.0          | 106.0              | 1,212,200        | 1,181,900          |
| Winter Wheat <sup>2/</sup>  | 33                | 29     | 37.5           | 39.0               | 1,238            | 1,131              |
| Oats                        | 1,250             | 1,325  | 56.0           | 50.0               | 70,000           | 66,250             |
| Soybeans for beans          | 6,050             | 7,850  | 36.0           | 33.0               | 217,800          | 259,050            |
| Barley <sup>2/</sup>        | 6                 | 4      | 43.0           | 4                  | 258              | 4                  |
| Rye <sup>2/</sup>           | 6                 | 4      | 28.0           | 26.0               | 168              | 104                |
| Sorghum Grain               | 51                | 33     | 80.0           | 80.0               | 4,080            | 2,640              |
| Hay, all <sup>3/</sup>      | 2,250             | 2,430  | 3.03           | 3.01               | 6,827            | 7,305              |
| Pasture Cond. <sup>5/</sup> | xxx               | xxx    | 92             | 92                 | xxx              | xxx                |
| <b>UNITED STATES</b>        |                   |        |                |                    |                  |                    |
| Corn, Grain                 | 57,289            | 61,479 | 96.9           | 92.1               | 5,553,061        | 5,661,379          |
| Wheat, all                  | 47,301            | 53,718 | 32.7           | 32.8               | 1,544,775        | 1,716,993          |
| Winter                      | 34,891            | 38,571 | 34.0           | 33.5               | 1,185,890        | 1,293,053          |
| Durum                       | 2,555             | 2,971  | 28.6           | 27.7               | 73,037           | 82,264             |
| Other Spring                | 9,855             | 12,176 | 29.0           | 28.1               | 285,848          | 341,676            |
| Oats                        | 13,612            | 14,503 | 51.1           | 48.8               | 694,967          | 707,756            |
| Soybeans for beans          | 45,755            | 56,173 | 28.0           | 27.4               | 1,282,935        | 1,539,771          |
| Barley                      | 9,707             | 10,544 | 43.6           | 40.8               | 423,461          | 430,181            |
| Rye                         | 1,101             | 1,033  | 26.8           | 24.7               | 29,536           | 25,506             |
| Sorghum Grain               | 13,546            | 15,863 | 60.7           | 59.6               | 821,798          | 945,863            |
| Hay, all <sup>2/</sup>      | 59,783            | 61,606 | 2.15           | 2.04               | 128,389          | 125,948            |
| Pasture Cond. <sup>5/</sup> | xxx               | xxx    | 81             | 82                 | xxx              | xxx                |

1/ Indicated August 1. 2/ Indicated July 1. 3/ Yield and production in tons. 4/ Discontinued. 5/ Percent of normal August 1.



C R O P R E P O R T

September 1, 1973



I | Crop and Livestock  
O | Reporting Service  
W | 515-284-4340  
A | September 12, 1973

IOWA: Iowa's corn and soybean prospects improved during August but oat production declined according to the Iowa Crop and Livestock Reporting Service. Crops made good progress during the month and most corn and soybeans were good to excellent by the early part of September. Twenty-eight percent of the corn was safe from frost, which is slightly behind average.

CORN: Prospects continue for a third in a row billion bushel corn crop. Corn production is forecast at 1,226.5 million bushels, the highest on record, 1 percent above the previous record 1972 crop of 1,212.2 million bushels. Average yield of 110 bushels is second only to the 1972 record yield of 116 bushels.

SOYBEANS: Soybean production is forecast at a record 282.6 million bushels, 30 percent above the previous record in 1972 of 217.8 million bushels. The expected yield of 36.0 bushels per acre equals the previous record yield of 36.0 bushels set in 1972.

OATS: Oat production is estimated at 63.6 million bushels, the smallest on record since 1934. Average yield at 48.0 bushels per acre is 8 bushels below last year's average yield of 56.0 bushels.

OTHER CROPS: Winter wheat is estimated at 1.13 million bushels, sorghum grain at 2.64 million bushels and all hay 7.31 million tons. (These estimates are carried forward from the previous month.) Statewide, pastures were generally good on September 1 and were 87 percent of normal. Deterioration occurred due to dry conditions mainly in the northwest and east central area.

SEPTEMBER 1973 CROP SUMMARY - IOWA

| CROP                        | Acres for Harvest |        | Yield Per Acre |       | Production       |           |
|-----------------------------|-------------------|--------|----------------|-------|------------------|-----------|
|                             | 1972              | 1973   | 1972           | 1973  | 1972             | 1973      |
|                             | Thousands         |        | Bushels        |       | Thousand Bushels |           |
| <u>IOWA</u>                 |                   |        |                |       |                  |           |
| Corn, Grain                 | 10,450            | 11,150 | 116.0          | 110.0 | 1,212,200        | 1,226,500 |
| Winter Wheat <sup>2/</sup>  | 33                | 29     | 37.5           | 39.0  | 1,238            | 1,131     |
| Oats                        | 1,250             | 1,325  | 56.0           | 48.0  | 70,000           | 63,600    |
| Soybeans for beans          | 6,050             | 7,850  | 36.0           | 36.0  | 217,800          | 282,600   |
| Barley <sup>2/</sup>        | 6                 | 4      | 43.0           | 4     | 258              | 4         |
| Rye <sup>2/</sup>           | 6                 | 4      | 28.0           | 26.0  | 168              | 104       |
| Sorghum Grain               | 51                | 33     | 80.0           | 80.0  | 4,080            | 2,640     |
| Hay, all <sup>3/</sup>      | 2,250             | 2,430  | 3.03           | 3.01  | 6,827            | 7,305     |
| Pasture Cond. <sup>5/</sup> | xxx               | xxx    | 95             | 87    | xxx              | xxx       |

1/ Indicated September 1. 2/ Indicated July 1. 3/ Yield and production in tons.  
4/ Discontinued. 5/ Percent of normal September 1.

# Crop production

141

I | Crop and Livestock  
O | Reporting Service  
W | 515-284-4340  
A | November 12, 1973

## NOVEMBER 1, 1973 CROP REPORT FOR IOWA

**IOWA:** Harvest of Iowa's record corn and soybean crop was rapid during the latter half of October, according to the Iowa Crop and Livestock Reporting Service. Over three weeks of favorable weather permitted harvest to move along rapidly and by the first week in November 97 percent of the soybeans and 45 percent of the corn had been harvested. With ideal weather conditions, grain moisture content moved toward safe storage levels.

**CORN:** Iowa's 1973 corn crop is estimated at a record 1,215.4 million bushels, down 1 percent from October 1. This is slightly more than the previous record crop of 1,212.2 million bushels of 1972 and is Iowa's third billion bushel corn crop. The average yield of 109 bushels, the second highest on record, is 7 bushels below the record 1972 yield of 116 bushels. Lodging occurred in some fields, mainly in the east central part of the State, due to strong winds, and in other scattered areas in fields weakened by stalk rot and corn borer damage.

**SOYBEANS:** Soybean production is estimated at a record 274.8 million bushels, 26 percent more than the previous record crop of 217.8 million bushels produced in 1972. This is 3 percent less than estimated October 1. The average yield of 35.0 bushels is 1 bushel below the record 1972 yield of 36.0 bushels and down 1 bushel from October 1. Yields are good but potential was reduced in late planted and in weed infested fields. Harvest losses are expected to be greater than normal.

**PASTURES:** Pastures were 92 percent of normal on November 1. This compares to 91 percent of normal a year earlier.

(The following estimates were carried from previous reports.)

**ALL HAY:** All hay production is estimated at 7.37 million tons, 8 percent more than the 1972 production of 6.83 million tons. Average yield of 3.03 tons per acre is the same as 1972.

**OTHER CROPS:** Winter wheat is estimated at 1.13 million bushels, oats, 63.6 million bushels, sorghum grain, 2.64 million bushels, and rye, .10 million bushels.

### NOVEMBER 1973 CROP SUMMARY - IOWA

| CROP                        | Acres for Harvest |        | Yield Per Acre |       | Production       |           |
|-----------------------------|-------------------|--------|----------------|-------|------------------|-----------|
|                             | 1972              | 1973   | 1972           | 1973  | 1972             | 1973      |
|                             | Thousands         |        | Bushels        |       | Thousand Bushels |           |
| <b>IOWA</b>                 |                   |        |                |       |                  |           |
| Corn, Grain                 | 10,450            | 11,150 | 116.0          | 109.0 | 1,212,200        | 1,215,350 |
| Winter Wheat <sup>1/</sup>  | 33                | 29     | 37.5           | 39.0  | 1,238            | 1,131     |
| Oats <sup>2/</sup>          | 1,250             | 1,325  | 56.0           | 48.0  | 70,000           | 63,600    |
| Soybeans for<br>beans       | 6,050             | 7,850  | 36.0           | 35.0  | 217,800          | 274,750   |
| Barley <sup>1/</sup>        | 6                 | 4      | 43.0           | 4     | 258              | 4         |
| Rye <sup>1/</sup>           | 6                 | 4      | 28.0           | 26.0  | 168              | 104       |
| Sorghum Grain               | 51                | 33     | 80.0           | 80.0  | 4,080            | 2,640     |
| Hay, all <sup>3/</sup>      | 2,250             | 2,430  | 3.03           | 3.03  | 6,827            | 7,373     |
| Pasture Cond. <sup>5/</sup> | xxx               | xxx    | 91             | 92    | xxx              | xxxx      |

<sup>1/</sup> Indicated July 1. <sup>2/</sup> Indicated September 1. <sup>3/</sup> Yield and production in tons.

<sup>4/</sup> Discontinued. <sup>5/</sup> Percent of normal November 1.

U. S. Department of Agriculture  
Statistical Reporting Service

Iowa Department of Agriculture  
Agricultural Statistics Division

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