

Fertilizer Consumption by Class



Crop & Livestock Reporting Service
515-284-4340

January 24, 1978

Consumption of commercial fertilizer in Iowa totaled 3.19 million tons in the year ending June 30, 1977. This is a 13 percent decrease from the 3.66 million tons purchased a year earlier. The total tonnage consisted of 1,666,700 tons dry bulk, 1,397,700 tons in liquid form, and 129,000 tons dry bagged. Mixed fertilizers made up 36 percent, 1,154,500 tons, of the total while direct application types made up 64 percent, 2,039,300 tons.

Total Fertilizer 1/: Consumption of Mixtures and Direct Application Materials by Class, Iowa and U.S., from 1973 to 1977

Year ended June 30	IOWA				UNITED STATES			
	Dry bagged	Dry bulk	Liquid	Total	Dry bagged	Dry bulk	Liquid	Total
	----- Thousand tons -----				----- Thousand tons -----			
1973	340.1	1,339.9	983.5	2,663.5	10,544.8	20,153.6	11,124.0	41,822.4
1974	317.5	1,521.1	1,091.5	2,930.1	10,482.4	21,836.7	12,645.3	44,964.4
1975	220.8	1,602.8	1,168.7	2,992.3	9,044.1	19,372.6	12,189.3	40,605.9
1976	185.7	1,902.7	1,568.9	3,657.2	8,535.7	23,336.9	14,941.3	40,813.8
1977	<u>129.3</u>	<u>1,666.7</u>	<u>1,397.7</u>	<u>3,193.7</u>	<u>8,262.8</u>	<u>25,144.7</u>	<u>15,679.4</u>	<u>49,086.9</u>
Average	238.7	1,606.6	1,242.1	3,087.4	9,374.0	21,968.9	13,315.9	43,458.7

Total Fertilizer 1/: Consumption of Mixtures and Direct Application Materials by Class, by States, Year Ended June 30, 1977.

State	Mixtures and materials				% of total fertilizer		
	Dry bagged	Dry bulk	Liquid	Total 2/	Dry bagged	Dry bulk	Liquid
	----- Thousand tons -----				----- Percent -----		
ILL	137.2	2,455.5	1,740.5	4,333.2	3	57	40
IOWA	<u>129.3</u>	<u>1,666.7</u>	<u>1,397.7</u>	<u>3,193.7</u>	<u>4</u>	<u>52</u>	<u>44</u>
MINN	138.2	1,261.9	642.6	2,042.7	7	62	31
MO	153.9	1,212.3	421.3	1,787.5	9	68	23
NEBR	55.2	635.5	1,169.2	1,860.0	3	34	63
S DAK	12.1	223.1	105.3	340.5	4	65	31
WIS	146.3	936.9	260.1	1,343.4	11	70	19
U.S.	8,262.8	25,144.7	15,679.4	49,086.9	17	51	32

1/ Excludes secondary and micronutrient materials. 2/ Sum of individual items may not equal total due to rounding.

Liquid Fertilizer Average Analysis: Average Primary-Nutrient Content of Liquid Fertilizers Consumed as Mixtures and Materials, by States, Year Ended June 30, 1977

State	Liquid mixtures				Liquid materials			
	N	Avail-able P205	K20	Total N, Available P205 and K20	N	Avail-able P205	K20	Total N, Available P205 and K20
	----- Percent -----							
ILL	6.8	14.3	13.1	34.2	56.9	.1	0	57.0
IOWA	<u>7.1</u>	<u>16.3</u>	<u>15.1</u>	<u>38.5</u>	<u>59.7</u>	<u>0</u>	<u>0</u>	<u>59.7</u>
MINN	8.3	21.1	8.8	38.2	65.4	.2	0	65.6
MO	9.7	10.3	11.5	31.5	60.7	0	0	60.7
NEBR	9.7	26.9	3.0	39.6	61.5	0	0	61.5
S DAK	9.5	21.5	5.9	36.9	49.9	1.4	0	51.3
WIS	10.8	17.5	11.1	39.4	50.8	0	.1	50.9
U.S.	8.9	15.3	9.6	33.8	50.8	.2	.1	51.1

(OVER)

CONSUMPTION OF COMMERCIAL FERTILIZERS - Continued

Mixtures: Consumption of Mixed Fertilizer by Class,
by States, Year Ended June 30, 1977

State	Mixtures				% of total mixtures		
	Dry bagged	Dry bulk	Liquid	Total ^{1/}	Dry bagged	Dry bulk	Liquid
	----- Thousand tons -----				----- Percent -----		
ILL	125.0	901.8	501.0	1,527.7	8	59	33
IOWA	114.2	640.5	399.8	1,154.5	10	55	35
MINN	99.2	520.9	124.8	744.9	13	70	17
MO	136.1	1,031.8	150.4	1,318.3	10	79	11
NEBR	30.4	245.6	158.1	434.0	7	57	36
S DAK	10.2	99.0	24.6	133.8	8	74	18
WIS	123.8	284.0	55.8	463.6	27	61	12
U. S.	6,368.1	13,719.2	4,000.2	24,087.4	26	57	17

^{1/} Sum of individual items may not equal total due to rounding.

Materials ^{1/}: Consumption of Direct Application Primary Nutrient
Materials by Class, by States, Year Ended June 30, 1977

State	Materials				% of total materials		
	Dry bagged	Dry bulk	Liquid	Total ^{2/}	Dry bagged	Dry bulk	Liquid
	----- Thousand tons -----				----- Percent -----		
ILL	12.2	1,553.7	1,239.6	2,805.5	1	55	44
IOWA	15.1	1,026.2	997.9	2,039.3	1	50	49
MINN	39.0	741.1	517.7	1,297.8	3	57	40
MO	17.8	180.5	271.0	469.2	4	38	58
NEBR	24.9	389.9	1,011.2	1,426.0	2	27	71
S DAK	1.9	124.1	80.7	206.7	1	60	39
WIS	22.5	653.0	204.3	879.8	3	74	23
U. S.	1,894.7	11,425.5	11,679.2	24,999.4	7	46	47

^{1/} Excludes secondary and micronutrient materials. ^{2/} Sum of individual items may not equal total due to rounding.

Duane M. Skow
Statistician in Charge

Douglas K. Wong
Agricultural Statistician

An Equal Opportunity Employer

Crop and Livestock Reporting Service
Agricultural Statistician
210 Walnut Street
Des Moines, Iowa 50309
515-284-4340



POSTAGE AND FEES PAID
U. S. DEPARTMENT OF AGRICULTURE
AGR 101



BULK THIRD CLASS

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, \$300

942 19 000002656-9 02-
STATE LIBRARY -RLSE
DOCUMENTS DEPT
HISTORICAL BLDG 1-0
DES MOINES IA 50319