

Fertilizer Consumption by Class

942



Crop & Livestock Reporting Service
515-284-4340

December 7, 1979

Consumption of commercial fertilizer in Iowa totaled 3.88 million tons in the year ending June 30, 1979. This is a 19 percent increase from the 3.25 million tons purchased a year earlier. The total tonnage consisted of 2,207,500 tons dry bulk--1,490,200 tons in liquid form and 181,200 tons dry bagged. Mixed fertilizers made up 33 percent (1,228,200 tons) of the total while direct application types made up 67 percent (2,590,700 tons).

TOTAL FERTILIZER¹: Consumption of Mixtures and Direct Application Materials by Class, Iowa and U.S., from 1975 to 1979

Year ended June 30	IOWA				UNITED STATES			
	Dry bagged	Dry bulk	Liquid	Total	Dry bagged	Dry bulk	Liquid	Total
	<i>Thousand tons</i>							
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	46,813.8
1977	129.3	1,666.7	1,397.7	3,193.7	8,262.8	25,144.7	15,679.4	49,086.9
1978	111.4	1,660.4	1,475.9	3,247.8	7,491.1	23,423.9	14,706.1	45,621.1
1979	181.2	2,207.5	1,490.2	3,878.9	7,235.7	25,552.5	16,163.8	48,952.2
Average	165.7	1,808.0	1,420.3	3,394.0	8,113.9	23,366.1	14,736.0	46,216.0

TOTAL FERTILIZER¹: Consumption of Mixtures and Direct Application Materials by Class, by States, Year Ended June 30, 1979

State	Mixtures and materials				% of total fertilizer		
	Dry bagged	Dry bulk	Liquid	Total ²	Dry bagged	Dry bulk	Liquid
	<i>Thousand tons</i>				<i>Percent</i>		
ILL	100.4	2,335.8	1,781.5	4,217.7	2	55	43
IOWA	181.2	2,207.5	1,490.2	3,878.9	5	57	38
MINN	147.9	1,499.5	727.5	2,374.9	6	63	31
MO	132.9	1,239.7	385.6	1,758.2	8	71	21
NEB	52.5	537.9	1,273.2	1,863.7	3	29	68
S DAK	10.5	251.2	132.6	394.3	3	64	33
WIS	188.8	914.3	275.5	1,378.6	14	66	20
U.S.	7,235.7	25,552.5	16,163.8	48,952.2	15	52	33

¹Excludes secondary and micronutrient materials. ²Sum 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, 1979

State	Liquid mixtures				Liquid materials			
	N	Avail-able P ₂ O ₅	K ₂ O	Total N, Available P ₂ O ₅ and K ₂ O	N	Avail-able P ₂ O ₅	K ₂ O	Total N, Available P ₂ O ₅ and K ₂ O
	<i>Percent</i>							
ILL	6.6	13.8	15.2	35.6	52.8	0	0	52.8
IOWA	7.7	16.7	14.6	39.0	57.7	0	0	57.7
MINN	9.1	26.5	3.2	38.8	65.3	.8	0	66.1
MO	9.3	10.6	13.7	33.6	55.1	0	.1	55.2
NEBR	9.5	32.0	2.6	44.1	58.9	0	0	58.9
S DAK	9.2	22.6	6.4	38.2	47.1	2.9	.1	50.1
WIS	7.9	13.5	14.5	35.9	49.9	0	.3	50.2
U.S.	8.5	16.3	9.6	34.4	50.2	.3	.1	50.6

(OVER)

CONSUMPTION OF COMMERCIAL FERTILIZERS - Continued

MIXTURES: Consumption of Mixed Fertilizer by Class,
by States, Year Ended June 30, 1979

State	Mixtures				% of total mixtures		
	Dry bagged	Dry bulk	Liquid	Total ¹	Dry bagged	Dry bulk	Liquid
	----- Thousand tons -----				----- Percent -----		
ILL	72.8	844.5	538.7	1,456.0	5	58	37
IOWA	155.3	834.4	298.5	1,288.2	12	65	23
MINN	83.2	544.5	128.6	756.2	11	72	17
MO	109.6	1,096.1	164.4	1,370.1	8	80	12
NEB	38.1	177.9	207.5	423.6	9	42	49
S DAK	8.0	116.2	24.6	148.9	5	78	17
WIS	124.6	281.5	55.4	461.5	27	61	12
U S	5,438.8	13,800.3	4,399.8	23,639.3	23	58	19

¹Sum of individual items may not equal total due to rounding.

MATERIALS¹: Consumption of Direct Application Primary Nutrient
Materials by Class, by States, Year Ended June 30, 1979

State	Materials				% of total materials		
	Dry bagged	Dry bulk	Liquid	Total ²	Dry bagged	Dry bulk	Liquid
	----- Thousand tons -----				----- Percent -----		
ILL	27.6	1,491.3	1,242.8	2,761.7	1	54	45
IOWA	25.9	1,373.1	1,191.7	2,590.7	1	53	46
MINN	64.7	955.0	598.9	1,618.7	4	59	37
MO	23.3	143.6	221.2	388.1	6	37	57
NEB	14.4	360.0	1,065.7	1,440.1	1	25	74
S DAK	2.5	135.0	108.0	245.4	1	55	44
WIS	64.2	632.8	220.1	917.1	7	69	24
U S	1,796.9	11,752.2	11,764.0	25,312.9	7	46	47

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

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