

MINNESOTA FERTILIZER USAGE

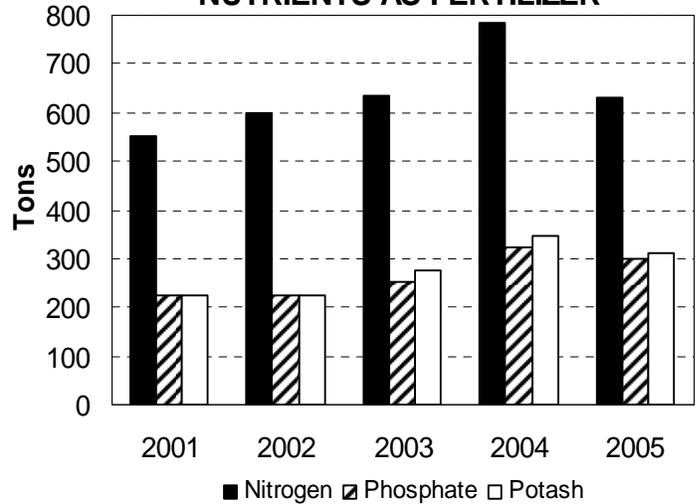
Minnesota fertilizer consumption totaled 2.4 million tons for the year ending June 30, 2005, a decrease of 12 percent from the previous year.

Usage of the primary nutrients is shown on the chart; nitrogen decreased 19 percent from 2004, phosphate (P₂O₅) usage decreased 8 percent, and potash (K₂O) usage decreased 10 percent.

Fertilizer consumption represents all commercial fertilizer sold or shipped for farm and non-farm use as fertilizer.

Source: The Association of American Plant Food Control Officials, University of Kentucky

MINNESOTA'S USAGE OF PRIMARY NUTRIENTS AS FERTILIZER



2005 OAT CHEMICAL USAGE

Fifteen States were included in the 2005 survey: California, Idaho, Illinois, Iowa, Kansas, Michigan, Minnesota, Montana, Nebraska, New York, North Dakota, Pennsylvania, South Dakota, Texas, and Wisconsin. This compares to 1998 when oats were last surveyed in which an area survey was conducted drawing possible samples from any of the 48 states.

Nitrogen recorded 107.4 million pounds applied to 56 percent of the oats acreage in these States. Approximately 50 million pounds each of phosphate and potash were applied to 40 and 28 percent, respectively, of the oats acreage in the States surveyed. For the first time, sulfur usage data were collected, and 3.2 million pounds were applied to 9 percent of the acres planted.

OATS: Agricultural Chemical Applications, Minnesota, 2005 1/

Active Ingredient	Area Applied	Applications	Rate per Application	Rate per Crop Year	Total Applied
	Percent	Number	Pounds per Acre	Pounds per Acre	1,000 Pounds
Herbicides					
2, 4-D, dimeth. salt	3	1.0	0.502	0.502	5

1/ Planted acreage in 2005 for Minnesota was 310,000 acres.

**OATS: Fertilizer Use by State, 2005
Percent of Acres Treated and Total Applied**

State	Planted Acreage 1,000 Acres	Nitrogen		Phosphate		Potash		Sulfur	
		Percent	Mil. Lbs.	Percent	Mil. Lbs.	Percent	Mil. Lbs.	Percent	Mil. Lbs.
IL 1/	60	15	0.4	12	0.4	26	1.7	--	--
IA 1/	210	31	1.8	30	2.5	40	6.9	--	--
MI 1/	90	82	2.6	72	2.8	77	3.4	--	--
MN	310	28	4.2	22	2.4	28	5.9	5	0.2
NE	150	68	4.5	24	1.3	7	0.1	5	--
ND	490	71	15.8	49	5.7	9	0.7	5	0.1
SD 1/	380	64	11.8	46	5.6	17	1.7	--	--
WI	400	23	2.1	24	3.9	35	15.1	8	0.4
Total	3,565	56	107.4	40	48.8	28	49.7	9	3.2

1/ Insufficient reports to publish data for one or more of the fertilizer primary nutrients.

2/ Totals for 15 reporting states: CA, ID, IL, IA, KS, MI, MN, MT, NE, NY, ND, PA, SD, TX, WI.