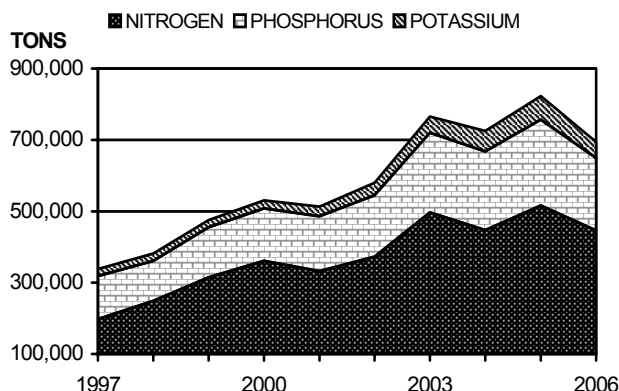


**COMMERCIAL FERTILIZER**

Commercial fertilizer sales in South Dakota decreased in 2006 based on preliminary data. These data showed 1,482,494 tons (including carrier material) of commercial fertilizer sold. Actual nutrients (NPK) totaled 694,281 tons. Nitrogen accounted for 64 percent of the total NPK, phosphorus (P<sub>2</sub>O<sub>5</sub>) accounted for 29 percent, and potassium (K<sub>2</sub>O) accounted for 7 percent.

The fertilizer 46-0-0 was the most widely used analysis again in 2006, with 627,518 tons. The second most popular was 11-52-0, with 204,236 tons, and the third choice was 28-0-0, with 134,512 tons. These three accounted for 65 percent of all fertilizer sold in South Dakota in 2006.

**PRIMARY NUTRIENTS USED AS FERTILIZER, SOUTH DAKOTA, 1997-2006**



**COMMERCIAL FERTILIZER SOLD, SOUTH DAKOTA, 2002-2006**

YEAR	TOTAL CONSUMPTION 1/	NUTRIENTS REPORTED SOLD 2/			
		TOTAL NITROGEN (N)	PHOSPHORUS (P <sub>2</sub> O <sub>5</sub> )	POTASSIUM (K <sub>2</sub> O)	NPK
----- TONS -----					
2002	1,216,555	372,318	172,528	34,487	579,333
2003	1,611,228	497,017	223,261	45,031	765,309
2004	1,531,320	447,446	220,187	57,067	724,700
2005	1,761,609	516,201	240,313	66,069	822,583
2006 3/	1,482,494	445,885	203,589	44,807	694,281

1/ AMOUNT OF FERTILIZER PRODUCT. 2/ AMOUNT OF ACTUAL PLANT NUTRIENTS REPORTED AS NITROGEN (N), PHOSPHORUS (P<sub>2</sub>O<sub>5</sub>), AND POTASSIUM (K<sub>2</sub>O). NPK IS THE SUM OF THE AFOREMENTIONED PLANT NUTRIENTS. 3/ PRELIMINARY DATA.

**15 LEADING GRADES OF FERTILIZER SOLD, SOUTH DAKOTA, 2005-2006**

2005			2006		
RANK	FERTILIZER	TONS	RANK	FERTILIZER	TONS
1	46-0-0	721,800	1	46-0-0	627,518
2	11-52-0	237,539	2	11-52-0	204,236
3	18-46-0	166,402	3	28-0-0	134,512
4	28-0-0	147,106	4	18-46-0	126,422
5	0-0-60	101,929	5	10-34-0	81,253
6	32-0-0	92,318	6	32-0-0	77,796
7	10-34-0	86,633	7	0-0-60	68,408
8	82-0-0	36,050	8	82-0-0	36,329
9	21-0-0-24(S)	22,889	9	1.3-1.9-1.5	22,854
10	1.3-1.9-1.5	18,600	10	21-0-0-24(S)	19,479
11	21-0-0	13,778	11	21-0-0	7,428
12	24-0-0	12,552	12	0-52-0	6,500
13	27-0-0	8,048	13	12-0-0-26(S)	6,016
14	0-68-0	7,480	14	0-68-0	5,866
15	12-0-0-26(S)	6,254	15	27-0-0	4,451

SOURCE: SOUTH DAKOTA DEPARTMENT OF AGRICULTURE, DIVISION OF AGRICULTURAL SERVICES.