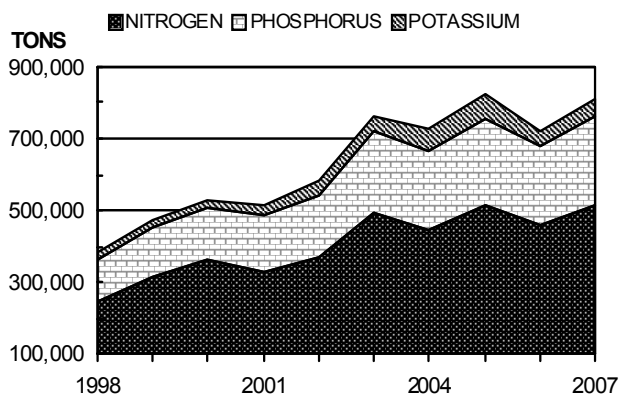


**COMMERCIAL FERTILIZER**

Commercial fertilizer sales in South Dakota increased in 2007 based on preliminary data. These data showed 1,744,908 tons (including carrier material) of commercial fertilizer sold. Actual nutrients (NPK) totaled 811,910 tons. Nitrogen accounted for 64 percent of the total NPK, phosphorus (P<sub>2</sub>O<sub>5</sub>) accounted for 30 percent, and potassium (K<sub>2</sub>O) accounted for 6 percent.

The fertilizer 46-0-0 was the most widely used analysis again in 2007, with 713,344 tons. The second most popular was 11-52-0, with 273,374 tons, and the third choice was 28-0-0, with 146,199 tons. These three accounted for 65 percent of all fertilizer sold in South Dakota in 2007.

**PRIMARY NUTRIENTS USED AS FERTILIZER, SOUTH DAKOTA, 1998-2007**



**COMMERCIAL FERTILIZER SOLD, SOUTH DAKOTA, 2003-2007**

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 -----					
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	1,562,709	461,809	215,663	45,776	723,248
2007 3/	1,744,908	517,317	242,513	52,080	811,910

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, 2006-2007**

2006			2007		
RANK	FERTILIZER	TONS	RANK	FERTILIZER	TONS
1	46-0-0	643,214	1	46-0-0	713,344
2	11-52-0	225,710	2	11-52-0	273,374
3	28-0-0	139,261	3	28-0-0	146,199
4	18-46-0	130,428	4	18-46-0	121,606
5	32-0-0	79,136	5	32-0-0	101,495
6	10-34-0	74,959	6	0-0-60	79,331
7	0-0-60	69,051	7	10-34-0	76,913
8	82-0-0	36,594	8	21-0-0-24(S)	45,576
9	1.3-1.9-1.5	22,854	9	82-0-0	42,913
10	21-0-0-24(S)	19,686	10	1.3-1.9-1.5	17,122
11	24-0-0	11,951	11	0-68-0	16,213
12	21-0-0	7,428	12	0-12-6	10,148
13	0-52-0	6,500	13	24-0-0	9,759
14	12-0-0	6,133	14	20.5-0-0	8,069
15	0-68-0	5,866	15	12-0-0	6,246

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