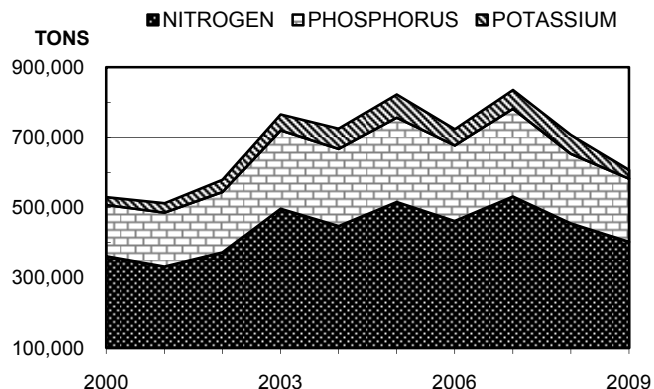


**COMMERCIAL FERTILIZER**

Commercial fertilizer sales in South Dakota in 2009, (based on preliminary data) showed 1,452,011 tons (including carrier material) sold. Actual nutrients (NPK) totaled 607,393 tons. Nitrogen accounted for 66 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 4 percent.

The fertilizer 46-0-0 was the most widely used analysis again in 2009, with 567,231 tons sold. The second most popular was 11-52-0, with 392,783 tons, and the third choice was 28-0-0, with 110,247 tons. These three accounted for 74 percent of all fertilizer sold in South Dakota in 2009.

**PRIMARY NUTRIENTS USED AS FERTILIZER, SOUTH DAKOTA, 2000-2009**



**COMMERCIAL FERTILIZER SOLD, SOUTH DAKOTA, 2005-2009**

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 -----					
2005	1,770,584	516,201	240,313	66,069	822,583
2006	1,562,709	461,809	215,663	45,776	723,248
2007	1,801,042	531,470	250,317	53,615	835,402
2008	1,588,501	454,721	198,976	53,419	707,116
2009 3/	1,452,011	402,276	180,611	24,506	607,393

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, 2008-2009**

2008			2009 1/		
RANK	FERTILIZER	TONS	RANK	FERTILIZER	TONS
1	46-0-0	581,759	1	46-0-0	567,231
2	11-52-0	212,497	2	11-52-0	392,783
3	28-0-0	165,561	3	28-0-0	110,247
4	32-0-0	116,134	4	18-46-0	76,248
5	18-46-0	112,277	5	32-0-0	53,139
6	0-0-60	80,130	6	10-34-0	51,366
7	10-34-0	66,100	7	0-0-60	35,254
8	82-0-0	38,859	8	21-0-0	25,373
9	1.4-1.5-1.2	34,062	9	82-0-0	22,213
10	21-0-0	31,065	10	21-0-0	19,340
11	0.5-0.5-0.5	16,079	11	1.3-2.2-1.5	13,507
12	27-0-0	9,721	12	20.5-0-0	9,263
13	21-0-0	8,869	13	0-68-0	7,887
14	0-68-0	8,346	14	12-0-0	5,946
15	20.5-0-0	7,866	15	1.3-1.5-1.3	5,600

SOURCE: SOUTH DAKOTA DEPARTMENT OF AGRICULTURE, DIVISION OF AGRICULTURAL SERVICES. 1/ PRELIMINARY DATA.