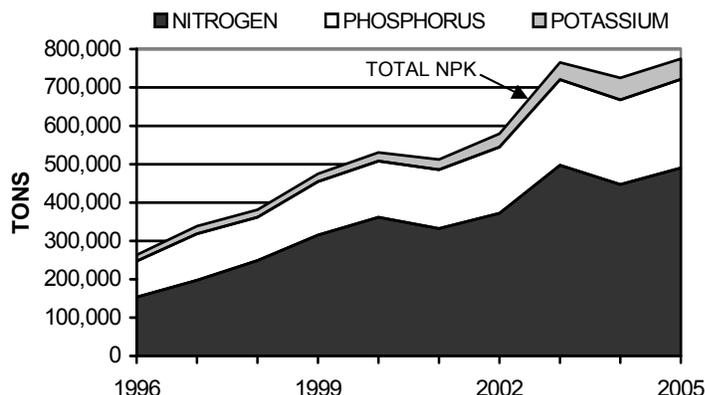


COMMERCIAL FERTILIZER

Commercial fertilizer sales in South Dakota increased in 2005 based on preliminary data. These data showed 1,640,256 tons (including carrier material) of commercial fertilizer sold. Actual nutrients (NPK) totaled 784,712 tons. Nitrogen accounted for 63 percent of the total NPK, phosphorus (P₂O₅) accounted for 29 percent, and potassium (K₂O) accounted for 8 percent.

The fertilizer 46-0-0 was the most widely used analysis again in 2005, with 691,771 tons. The second most popular was 11-52-0, with 233,102 tons, and the third choice was 18-46-0, with 156,327 tons. These three accounted for 66 percent of all fertilizer sold in South Dakota in 2005.

PRIMARY NUTRIENTS USED AS FERTILIZER, SOUTH DAKOTA, 1996-2005



COMMERCIAL FERTILIZER SOLD, SOUTH DAKOTA, 2001-2005

YEAR	TOTAL CONSUMPTION 1/	NUTRIENTS REPORTED SOLD 2/			
		TOTAL NITROGEN (N)	PHOSPHORUS (P ₂ O ₅)	POTASSIUM (K ₂ O)	NPK
----- TONS -----					
2001	1,085,386	332,077	153,896	26,611	512,584
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	724,699
2005 3/	1,640,256	490,168	231,080	63,464	784,712

1/ AMOUNT OF FERTILIZER PRODUCT. 2/ AMOUNT OF ACTUAL PLANT NUTRIENTS REPORTED AS NITROGEN (N), PHOSPHORUS (P₂O₅), AND POTASSIUM (K₂O). NPK IS THE SUM OF THE AFOREMENTIONED PLANT NUTRIENTS. 3/ PRELIMINARY DATA.

15 LEADING GRADES OF FERTILIZER SOLD, SOUTH DAKOTA, 2004-2005

2004			2005		
RANK	FERTILIZER	TONS	RANK	FERTILIZER	TONS
1	46-0-0	592,612	1	46-0-0	691,771
2	11-52-0	189,758	2	11-52-0	233,102
3	18-46-0	174,766	3	18-46-0	156,327
4	28-0-0	171,226	4	28-0-0	136,806
5	0-0-60	85,984	5	0-0-60	98,714
6	10-34-0	81,547	6	32-0-0	90,167
7	32-0-0	63,676	7	10-34-0	83,507
8	82-0-0	37,382	8	82-0-0	35,281
9	21-0-0	18,636	9	21-0-0	22,466
10	0-68-0	13,835	10	0-68-0	7,480
11	0-0-62	5,796	11	12-0-0	5,613
12	12-0-0	5,643	12	0-0-62	3,676
13	2-2-1	2,292	13	34-0-0	640
14	34-0-0	873	14	0-0-22	311
15	0-46-0	274	15	0-46-0	202

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