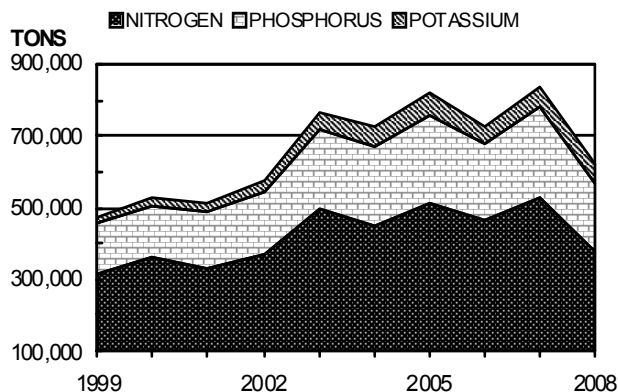


COMMERCIAL FERTILIZER

Commercial fertilizer sales in South Dakota decreased in 2008 based on preliminary data. These data showed 1,411,724 tons (including carrier material) of commercial fertilizer sold. Actual nutrients (NPK) totaled 621,971 tons. Nitrogen accounted for 61 percent of the total NPK, phosphorus (P₂O₅) accounted for 31 percent, and potassium (K₂O) accounted for 8 percent.

The fertilizer 46-0-0 was the most widely used analysis again in 2008, with 461,067 tons. The second most popular was 11-52-0, with 208,275 tons, and the third choice was 28-0-0, with 153,255 tons. These three accounted for 58 percent of all fertilizer sold in South Dakota in 2008.

PRIMARY NUTRIENTS USED AS FERTILIZER, SOUTH DAKOTA, 1999-2008



COMMERCIAL FERTILIZER SOLD, SOUTH DAKOTA, 2004-2008

| YEAR | TOTAL CONSUMPTION 1/ | NUTRIENTS REPORTED SOLD 2/ | | | |
|------------------|-------------------------|----------------------------|---------------------------------------------|------------------------------|---------|
| | | TOTAL NITROGEN (N) | PHOSPHORUS (P ₂ O ₅) | POTASSIUM (K ₂ O) | NPK |
| ----- TONS ----- | | | | | |
| 2004 | 1,531,320 | 447,446 | 220,187 | 57,067 | 724,700 |
| 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 3/ | 1,411,724 | 379,411 | 190,637 | 51,923 | 621,971 |

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, 2007-2008

| 2007 | | | 2008 1/ | | |
|------|-------------|---------|---------|-------------|---------|
| RANK | FERTILIZER | TONS | RANK | FERTILIZER | TONS |
| 1 | 46-0-0 | 729,139 | 1 | 46-0-0 | 461,067 |
| 2 | 11-52-0 | 275,060 | 2 | 11-52-0 | 208,275 |
| 3 | 28-0-0 | 152,393 | 3 | 28-0-0 | 153,255 |
| 4 | 18-46-0 | 125,785 | 4 | 32-0-0 | 114,938 |
| 5 | 32-0-0 | 103,402 | 5 | 18-46-0 | 112,277 |
| 6 | 10-34-0 | 88,866 | 6 | 0-0-60 | 77,699 |
| 7 | 0-0-60 | 81,195 | 7 | 10-34-0 | 64,759 |
| 8 | 21-0-0 | 48,561 | 8 | 1.4-1.5-1.2 | 34,062 |
| 9 | 82-0-0 | 43,374 | 9 | 21-0-0 | 30,926 |
| 10 | 1.3-1.9-1.5 | 17,122 | 10 | 82-0-0 | 22,464 |
| 11 | 0-68-0 | 16,807 | 11 | .05-.05-.05 | 16,079 |
| 12 | 24-0-0 | 10,493 | 12 | 27-0-0 | 9,721 |
| 13 | 0-12-6 | 10,148 | 13 | 21-0-0 | 8,869 |
| 14 | 20.5-0-0 | 8,312 | 14 | 24-0-0 | 7,481 |
| 15 | 12-0-0 | 6,378 | 15 | 12-0-0 | 6,581 |

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