Commercial fertilizer sales in South Dakota decreased in 2004 based on preliminary data. These data showed 1,033,382 tons (including carrier material) of commercial fertilizer sold. Actual nutrients (NPK) totaled 479,454 tons. Nitrogen accounted for 63 percent of the total NPK, phosphorus (\(P_2O_5\)) accounted for 30 percent, and potassium (\(K_2O\)) accounted for 7 percent.

The fertilizer 46-0-0 was the most widely used analysis again in 2004 with 365,798 tons. The second most popular was 28-0-0 with 138,993 tons, and the third choice was 11-52-0 with 121,502 tons. These three accounted for 61 percent of all fertilizer sold in South Dakota in 2004.