

South Dakota CHEMICAL USAGE

News Release

March 22, 2002

POSTHARVEST PESTICIDE USE FOR 2000 WHEAT CROP

SIoux FALLS, March 22, 2002 –Volume of wheat handled by South Dakota grain storage facilities June 1, 2000 through May 31, 2001 was 92.0 million bushels. Only 5.96 percent of this quantity was treated with insecticide, according to USDA's South Dakota Agricultural Statistics Service. Of the total quantity, 4.88 percent was treated with the insecticide aluminum phosphide, and 0.94 percent by the insecticide chlorpyrifos-methyl. Application rate for aluminum phosphide averaged 0.25 pounds per thousand bushels, for a total application of 1,100 pounds. Application rate for chlorpyrifos-methyl averaged 0.28 pounds per thousand bushels, for a total application of 200 pounds. There was an insufficient number of reports to publish usage data for malathion and silicon dioxide.

Ninety percent of the facilities based grain fumigation strategies on visual grain inspection, and 24 percent by bin samples.

These findings are based on data collected from storage facilities which reported postharvest pesticide applications and pest management practices to wheat during the 2000 market year. Volume of wheat handled by grain storage facilities in the fourteen States surveyed was 2.9 billion bushels. States included were CO, ID, KS, MN, MO, MT, NE, ND, OH, OK, OR, SD, TX, and WA.

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