

**SOUTH DAKOTA
SEED INSPECTION REPORT
JULY 1, 2003 - JUNE 30, 2004
DIVISION OF AGRICULTURAL SERVICES**

Approximately 1,650 lots of seed belonging to seedsmen, seed producers and seed dealers were inspected during the 2004 inspection season. The inspections included examinations of documents, labels and seed. 307 of the lots were sampled. The samples selected represented over 30 different agricultural and vegetable crop kinds. There were 15 samples that did not pass the laboratory analysis. This resulted in 7 warning letters and 8 stop sales. In addition, 19 warehouse violations were found.

The violation rate for analyzed samples for 2004 was 5%, which is down from our violation rate of 9% in fiscal year 2003. The most common violation was germination out of tolerance, followed by purity and inert matter out of tolerance. Additional violations include 101 warning letters in response to seed ad violations. Many verbal warnings were given at retail outlets for labeling infractions.

As of the end of 2004 there were 164 registered seedsmen, 87 registered seed producers and 740 paying seed dealers. South Dakota seed permits are biennial with rates at follows: seed producers and seed dealers, \$50; seedsmen, \$250.

The Department of Public Safety conducted routine inspections at retail stores and garden centers. They checked for proper labeling and current test dates. Their inspectors issued 5 notices of violation on lawn seed, vegetable seed, and wildflower seed; and 2 stop sale orders for seed with expired test dates.

25 samples of small grains were taken and submitted to the USDA Seed Program for the 2004 trueness to variety grow out test.

Kinds of seed that did not pass analysis

Triticale - 1	Sweet clover - 1
Millet - 4	Fescue - 1
Sudan Grass - 1	Alfalfa - 1
Field Peas - 2	Soy Beans - 1
Blue Gramma - 1	Spring wheat - 2

Reasons for seed not passing lab analysis

1. Pure seed out of tolerance - 5 samples
2. Inert material out of tolerance - 5 samples
3. Germination out of tolerance - 7 samples
4. Restricted noxious weed seed out of tolerance - 1 samples
5. Prohibited noxious weed seed out of tolerance - 1 sample
6. Weed seed out of tolerance - 1 sample

Reasons for stop sales

1. Germination out of tolerance - 5 samples
2. Weed seed out of tolerance - 1 sample
3. Contained prohibitive noxious weed seeds - 1 sample
4. Sample contained restricted noxious weed seed - 1 sample