

2007 BETTER VARIETIES Harvest Report for South Dakota Southeast [SDSE]

S7SDSE09

Kendal and Jason Frick, Clay County, Beresford, SD [BERESFORD]

SOIL CONDITIONS: Clarnot silty loam, 0-2 % slope, moderately drained
 3.0 % o.m., 6.9 pH, Medium P, High K

PREVIOUS CROP: Corn - Roundup
TILLAGE/CULTIVATION: Conventional Tillage

 2.1 - 2.8 MAT. GROUP
 30" ROW SPACING

PEST MANAGEMENT: Roundup early and late post

PLANTED - SEEDING: May 10 - 160,000 ppa
HARVESTED - STAND: October 12 - 169,700 ppa

TOP 30 FOR YIELD OF 36 TESTED
 AVERAGE of (3) REPLICATIONS

| COMPANY | VARIETY | SCN RESIST | SEED TRT's | MAT | YIELD Bu/A | MOIST % | LODGING % | STAND (x 1000) | GROSS INCOME |
|----------------|-------------|------------|------------|-----|-------------|-------------|------------|----------------|----------------|
| Latham Seed | L2810R | S | | 2.8 | 55.1 | 12.1 | 0.0 | 181.7 | \$453.5 |
| Midwest Seed | GR2731 | R | | 2.7 | 54.8 | 9.9 | 0.0 | 168.6 | \$455.7 |
| Prairie Brand | PB-2207NRR | R | TRT | 2.2 | 53.5 | 11.0 | 0.0 | 165.8 | \$443.1 |
| NC+ Hybrids | 2A78RR | R | | 2.7 | 52.0 | 10.7 | 0.0 | 168.6 | \$431.5 |
| Crows | C2718R | R | | 2.7 | 51.6 | 10.0 | 0.0 | 176.1 | \$429.1 |
| Farm Advantage | 7273N | R | | 2.7 | 51.5 | 10.5 | 0.0 | 174.2 | \$427.3 |
| Prairie Brand | PB-1956RR | S | | 2.1 | 51.2 | 11.8 | 0.0 | 174.2 | \$422.7 |
| Kruger | K-271RR | S | | 2.7 | 50.9 | 10.6 | 1.3 | 170.5 | \$422.2 |
| SOI | 2448RR | S | | 2.4 | 49.6 | 10.9 | 0.0 | 172.4 | \$411.2 |
| Producers | 286NRR | R | | 2.8 | 49.6 | 11.2 | 0.0 | 141.5 | \$410.1 |
| Mustang | M-238NRR | R | | 2.3 | 48.8 | 10.3 | 0.0 | 166.7 | \$405.4 |
| Stine | 2523-4 | S | | 2.4 | 48.4 | 9.8 | 0.0 | 179.9 | \$403.3 |
| Kruger | K-239RR | S | | 2.3 | 48.3 | 12.5 | 0.0 | 163.9 | \$397.1 |
| Asgrow | AG2821V | | | 2.8 | 48.0 | 9.9 | 0.0 | 176.1 | \$399.8 |
| Prairie Brand | PB-2515RR | S | | 2.5 | 47.5 | 11.9 | 0.0 | 182.7 | \$391.5 |
| Kruger | K-251RR/SCN | R | | 2.5 | 47.4 | 9.7 | 0.0 | 176.1 | \$394.8 |
| Gold Country | GCS3825NRR | R | TRT | 2.5 | 47.2 | 11.2 | 0.0 | 170.5 | \$390.6 |
| Prairie Brand | PB-2565RR | S | | 2.5 | 47.1 | 10.4 | 0.0 | 168.6 | \$391.2 |
| SOI | 2884RR | S | | 2.8 | 46.8 | 11.8 | 0.0 | 178.0 | \$385.8 |
| Great Lakes | GL2719RR | R | TRT | 2.7 | 46.6 | 11.3 | 0.0 | 161.1 | \$385.1 |
| Latham Seed | L2635R | S | | 2.6 | 46.4 | 10.3 | 0.0 | 167.7 | \$385.7 |
| Kruger | K-256RR | S | | 2.5 | 46.3 | 10.7 | 0.0 | 161.1 | \$383.8 |
| Gold Country | GCS9822RR | S | | 2.2 | 45.5 | 10.8 | 0.0 | 174.2 | \$377.4 |
| Kruger | K-248RR/SCN | R | | 2.5 | 45.5 | 9.4 | 0.0 | 176.1 | \$379.9 |
| Kruger | K-234RR | S | | 2.4 | 44.6 | 11.6 | 0.0 | 181.7 | \$368.2 |
| Crows | C2430R | S | | 2.4 | 43.9 | 10.8 | 0.0 | 172.4 | \$364.1 |
| Pioneer | 92M32 | | | 2.3 | 43.8 | 11.1 | 0.0 | 153.6 | \$362.2 |
| Midwest Seed | GR2233 | R | TRT | 2.2 | 43.0 | 12.2 | 0.0 | 155.5 | \$354.2 |
| Prairie Brand | PB-2421RR | S | | 2.4 | 42.5 | 11.8 | 0.0 | 170.5 | \$350.8 |
| Kruger | K-275RR/SCN | R | | 2.8 | 42.1 | 10.2 | 0.0 | 174.2 | \$349.6 |
| Test Average = | | | | | 46.7 | 11.1 | 0.0 | 169.7 | \$386.7 |
| lsd(.10) = | | | | | 7.0 | 1.8 | ns | | |
| C.V. = | | | | | 11.0 | 11.9 | | | |

YIELD/INCOME FACTORS: BASE MOISTURE = 13.0% | SHRINK = 1.4 | DRYING = \$.040/Pt/Bu | PRICE = \$8.20/Bu

SEED TRT's KEY: AP - Apron, CM - CruiserMaxx, FM - Fudioxonil & Mefenoxam, G - Gaucho, MX - Maxim, PO - PunchOut, PR - Protege, QK - Qualikote, SG - Sure Gro, SGD - SoyGard, SK - Superkote, THM - Thiram, TRT - Treated

FIELD NOTES: *Planting conditions were ideal here, and early season growth was good. However, NO rain fell at this site from June 2nd to August 2nd. Plants shut down before August rains rekindled growth. Most varieties had many green leaves at harvest, though pods were dry. Summer weather and SCN levels contributed to high C.V.*