

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

S7SDSE11

Lewis Bainbridge, Davison County, Ethan, SD [ETHAN]

SOIL CONDITIONS: Clarno-Houdak loam, 3-6 % slope, well drained
 3.7 % o.m., 7.7 pH, High P and K

PREVIOUS CROP: Soybeans - Roundup Ultra Max

2.1 - 2.8 MAT. GROUP

TILLAGE/CULTIVATION: No Till

30" ROW SPACING

PEST MANAGEMENT: Roundup Ultra Max

PLANTED - SEEDING: May 22 - 160,000 ppa

TOP 30 FOR YIELD OF 36 TESTED
HARVESTED - STAND: October 5 - 125,500 ppa

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 | 46.9 | 13.4 | 0.0 | 129.1 | \$384.2 |
| Prairie Brand | PB-1956RR | S | | 2.1 | 46.3 | 12.5 | 0.0 | 143.6 | \$380.8 |
| Prairie Brand | PB-2565RR | S | | 2.5 | 46.2 | 13.6 | 0.0 | 150.0 | \$377.6 |
| Kruger | K-234RR | S | | 2.4 | 46.0 | 13.0 | 0.0 | 138.7 | \$377.0 |
| Latham Seed | L2635R | S | | 2.6 | 44.6 | 13.5 | 0.0 | 129.1 | \$364.4 |
| Prairie Brand | PB-2515RR | S | | 2.5 | 43.9 | 13.0 | 0.0 | 150.0 | \$360.3 |
| Great Lakes | GL2719RR | R | TRT | 2.7 | 43.6 | 13.5 | 0.0 | 145.2 | \$356.5 |
| NC+ Hybrids | 2A78RR | R | | 2.7 | 43.4 | 13.1 | 0.0 | 132.3 | \$355.8 |
| Kruger | K-248RR/SCN | R | | 2.5 | 42.5 | 13.3 | 0.0 | 138.7 | \$348.1 |
| Gold Country | GCS9822RR | S | | 2.2 | 41.7 | 13.2 | 0.0 | 132.3 | \$341.2 |
| Stine | 2523-4 | S | | 2.4 | 41.6 | 13.4 | 0.0 | 132.3 | \$340.6 |
| Kruger | K-239RR | S | | 2.3 | 41.2 | 13.0 | 0.0 | 132.3 | \$337.8 |
| Producers | 225RR | S | | 2.2 | 41.0 | 13.4 | 0.0 | 132.3 | \$335.3 |
| Kruger | K-271RR | S | | 2.7 | 40.9 | 13.0 | 0.0 | 122.6 | \$335.1 |
| Producers | 286NRR | R | | 2.8 | 40.7 | 13.7 | 0.0 | 135.5 | \$333.0 |
| Farm Advantage | 7273N | R | | 2.7 | 40.6 | 13.6 | 0.0 | 130.7 | \$332.3 |
| Kruger | K-256RR | S | | 2.5 | 39.9 | 12.9 | 0.0 | 125.8 | \$327.1 |
| Prairie Brand | PB-2707RR | S | | 2.4 | 39.8 | 12.9 | 0.3 | 132.3 | \$326.3 |
| Kruger | K-251RR/SCN | R | | 2.5 | 39.0 | 13.4 | 0.0 | 129.9 | \$319.5 |
| Kruger | K-275RR/SCN | R | | 2.8 | 38.6 | 12.9 | 0.0 | 109.7 | \$316.5 |
| Kruger | K-278RR/SCN | R | | 2.7 | 38.5 | 13.8 | 0.0 | 138.7 | \$314.1 |
| NC+ Hybrids | 2A61RS | S | | 2.6 | 38.5 | 13.8 | 0.0 | 119.4 | \$314.1 |
| SOI | 2448RR | S | | 2.4 | 38.4 | 12.8 | 0.0 | 96.8 | \$314.8 |
| Crows | C2718R | R | | 2.7 | 38.3 | 12.9 | 0.0 | 103.3 | \$314.4 |
| Prairie Brand | PB-2421RR | S | | 2.4 | 38.3 | 12.4 | 0.0 | 122.6 | \$314.7 |
| Crows | C2430R | S | | 2.4 | 38.1 | 13.2 | 0.0 | 132.3 | \$311.9 |
| Pioneer | 92M32 | | | 2.3 | 38.0 | 13.0 | 0.0 | 119.4 | \$311.6 |
| Gold Country | GCS3825NRR | R | TRT | 2.5 | 37.6 | 13.5 | 0.0 | 122.6 | \$307.4 |
| Prairie Brand | PB-2207NRR | R | TRT | 2.2 | 36.8 | 13.4 | 0.0 | 112.9 | \$301.5 |
| Asgrow | AG2422V | | | 2.4 | 36.7 | 13.0 | 0.0 | 125.8 | \$300.7 |
| Test Average = | | | | | 39.9 | 13.3 | 0.0 | 125.5 | \$326.4 |
| lsd(.10) = | | | | | 4.5 | 0.3 | ns | | |
| C.V. = | | | | | 8.4 | 1.9 | | | |

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: Spring showers delayed planting here. The moist conditions before and after planting caused uneven emergence and some low stand counts. Over 7" of rain fell from late May through June. No rain was to be found in July, but 3.8" fell in August. Another 4" of rain fell in September after the crop was made.