

2007 BETTER HYBRIDS Harvest Report for Minnesota South East [MNSE]
FULL SEASON TEST

Brian Herbst, Kasson, Dodge County, MN [KASSON]

101 - 104 Day CRM
SOIL CONDITIONS: Kenyon silt loam, 0-2% slope, well drained, 3.1% o.m., 6.6 soil pH, very high P & K B7MNSEb15
 No fall tillage, spring field cultivate with rolling basket & Flexicoil packer (1 pass)

PREVIOUS CROP/HERB: Soybean / Roundup

FERTILITY PROGRAM: 2,800 gal/A fall surface covered hog manure, 30#/A (actual) spring 28%N (weed & feed)

PEST MANAGEMENT: G-Max Lite (PPI); Callisto/Accent/Atrazine (post)
 Force applied T-band with planter

PLANTED - SEEDING: April 28 - 33,700/A

TOP 30 HYBRIDS FOR YIELD OF 63 TESTED
HARVESTED - STAND: October 29 - 31,900/A

AVERAGE of (3) REPLICATIONS

| COMPANY | HYBRID | TECHNOLOGY | IST | YIELD Bu/A | MOIST % | LODGING % | STAND (x 1000) | GROSS INCOME |
|-----------------|-----------------|---------------------|------|---------------|-------------|--------------|-------------------|-----------------|
| Crows | 2121S | YGCB, RR2 | C250 | 247.6 | 15.4 | 0.0 | 32.3 | \$800.9 |
| Jung | 4514RR/YGCB | YGCB, RR2 | P250 | 246.4 | 15.6 | 0.0 | 32.8 | \$795.0 |
| Kruger | K-2401RR/YGCB | YGCB, RR2 | C250 | 244.6 | 15.6 | 0.0 | 33.2 | \$789.3 |
| Gold Country | 102-04CBR | YGCB, RR2 | P250 | 243.3 | 15.4 | 0.0 | 32.8 | \$787.1 |
| Midwest Seed | 70503S | YGCB, RR2 | C250 | 239.6 | 15.4 | 0.0 | 32.5 | \$774.9 |
| LG Seeds | LG2532RWRR | YGRW, RR2 | P250 | 239.2 | 14.7 | 0.0 | 33.4 | \$779.9 |
| NC+ Hybrids | 2171RB | YGCB, RR2 | C250 | 239.1 | 15.3 | 0.0 | 33.2 | \$774.0 |
| Brownseed | 0A-900A | | C250 | 235.6 | 15.2 | 0.0 | 32.2 | \$763.9 |
| Brownseed | 1B-103CB/LL | CB, LL | C250 | 233.3 | 15.1 | 0.0 | 32.9 | \$757.3 |
| Jung | 4482RR/YGCB CK | YGCB, RR2 | P250 | 230.2 | 14.2 | 0.0 | 32.5 | \$755.5 |
| Dahlco | 2505 | YGPL, RR2 | P250 | 229.5 | 14.1 | 0.0 | 31.9 | \$753.7 |
| Producers | 6463YGCBRR | YGCB, RR2 | P250 | 228.0 | 14.9 | 0.0 | 32.9 | \$742.3 |
| Trelay | 5K429 | YGPL, RR2 | P250 | 228.0 | 15.4 | 0.0 | 31.3 | \$737.5 |
| LG Seeds | LG2514BtRR | YGCB, RR2 | P250 | 227.5 | 14.9 | 0.0 | 31.9 | \$740.4 |
| Viking | RHXT6898 | HXTRA, LL, RF | C250 | 227.4 | 16.3 | 0.0 | 32.2 | \$727.3 |
| AgriGold | A6325RWRR | YGRW, RR2 | P250 | 227.3 | 15.0 | 0.0 | 32.5 | \$738.4 |
| Croplan | 421RR2/BT | YGCB, RR2 | C250 | 226.7 | 14.7 | 0.0 | 31.1 | \$739.7 |
| Heartland | STR81-04 | YGPL, RR2 | P250 | 225.4 | 14.4 | 0.0 | 32.3 | \$737.6 |
| NK Brand | N48-G6 | | C250 | 224.9 | 15.0 | 0.0 | 33.1 | \$731.4 |
| Jung | 7595VT3 | YGVT3 | P250 | 224.9 | 16.3 | 0.0 | 31.9 | \$719.3 |
| Fielders Choice | 7580WPR | YGPL, RR2 | P250 | 223.4 | 14.4 | 0.0 | 31.9 | \$731.6 |
| AgriGold | A6279RR | RR2 | P250 | 223.3 | 14.8 | 0.0 | 32.5 | \$727.7 |
| Producers | 6054VT3 | YGVT3 | P250 | 221.6 | 14.7 | 0.0 | 32.2 | \$723.3 |
| Pannar | 5E-900 | YGPL, RR2 | C250 | 221.6 | 14.6 | 0.0 | 32.3 | \$723.4 |
| Viking | WBR6749 | YGVT3 | P250 | 220.8 | 14.6 | 0.0 | 32.6 | \$720.8 |
| NuTech Seed | 3C-303ARR/YGCB | YGCB, RR2 | C250 | 220.2 | 14.8 | 0.0 | 32.8 | \$717.0 |
| NK Brand | N48-R3 | CB, LL | C250 | 220.1 | 15.0 | 0.0 | 33.1 | \$715.0 |
| Wensman | W7309VT3 | YGVT3 | P250 | 219.6 | 15.0 | 0.0 | 31.0 | \$713.3 |
| AgriGold | A6324BtRR | YGCB, RR2 | P250 | 219.2 | 15.0 | 0.0 | 32.0 | \$712.0 |
| Pannar | 6C-260 | YGCB, RR2 | C250 | 219.1 | 15.5 | 0.0 | 31.9 | \$707.3 |
| Pioneer | 35F40 CK | HX1, LL, RR2 | | 236.3 | 16.4 | 0.0 | 31.6 | \$755.2 |
| Test Average = | | | | 219.7 | 15.1 | 0.0 | 31.9 | \$713.5 |
| Isd(.10) = | | | | 15.4 | 0.4 | ns | | |
| C.V. = | | | | 5.2 | 1.7 | | | |

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.040 Price = \$3.25

RESISTANCE TECHNOLOGIES: **Corn Borer** - CB, HX1, HXTRA, HXX, YGCB, YGPL, YGVT3, **Corn Rootworm** - HXTRA, HXX, RW, YGPL, YGRW, YGVT2, YGVT3, **Clearfield** - CL **Glyphosate** - GT, RR2, YGVT2, YGVT3 **Liberty** - LL
IST: **C250, C1250** - Cruiser @ 0.250 and 1.250 g ai/seed. **P250 and P1250** - Poncho @ 0.250 and 1.250 g ai/seed.

identifies the check hybrid entered in both early- and full-season tests to assist in comparing the results.

* indicates seed tested from lots not commercially available at planting. Hybrids in italics exceed the grain moisture limit for this test.

FIELD NOTES: Good moisture and heat got the plot off to a fast start. Brian noted that an incredible amount of sunlight (way above average) in June & July promoted excellent plant growth. Turned dry in first week of July; then a good rain on July 8 & 9. 3" rain in early August. Big 10" rain on August 12 was followed by cool, cloudy weather which brought on anthracnose. Low ECB.

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