

2008 BETTER HYBRIDS Harvest Report for Minnesota South West [MNSW]
EARLY SEASON TEST

John Engles, Blue Earth County, Lake Crystal, MN [LAKE CRYSTAL]

97-102 Day Crop
SOIL CONDITIONS: Clarion-Webster clay loam, 1% slope, well drained, 3.5% o.m., 5.7 soil pH
 Very high P and K, fall disk (shallow), spring field cultivate (1 pass)

B8MNSW07a

PREVIOUS CROP/HERB: Soybean / Roundup

FERTILITY PROGRAM: 140#/A (actual) fall applied NH3

PEST MANAGEMENT: Outlook (pre-plant incorp.), Callisto/Accent/Atrazine (post)
 Force applied T-band with planter

PLANTED - SEEDING: May 20-21 - 32,500 seed/A **TOP 30 OF 72 HYBRIDS FOR GROSS INCOME (SORTED BY YIELD)**
HARVESTED - STAND: Nov. 3 - 28,500 plants/A **AVERAGE of (3) REPLICATIONS**

| COMPANY | HYBRID | TECHNOLOGY [†] | IST ^{††} | YIELD Bu/A | MOIST % | LOGGING % | STAND (x 1000) | GROSS INCOME |
|-----------------|----------------|-------------------------|-------------------|---------------|------------|--------------|-------------------|-----------------|
| Prairie Brand | 1027VT3 | YGVT3 | P250 | 230.7 | 15.8 | 16.0 | 28.1 | \$1,258.0 |
| Jung | 7475VT3 | YGVT3 | P250 | 224.7 | 15.6 | 0.3 | 28.4 | \$1,227.8 |
| Midwest Seed | 72116VT3 | YGVT3 | C250 | 223.8 | 16.4 | 1.7 | 28.9 | \$1,212.4 |
| Crows | 1807VT3 | YGVT3 | C250 | 218.2 | 14.0 | 0.7 | 29.3 | \$1,213.6 |
| Trelay | 5T429 | YGVT3 | P250 | 217.7 | 16.4 | 2.0 | 28.0 | \$1,178.8 |
| LG Seeds | LG2496VT3 | YGVT3 | P250 | 216.8 | 14.1 | 3.0 | 27.1 | \$1,204.3 |
| LG Seeds | LG2507VT3 | YGVT3 | P250 | 214.3 | 15.0 | 3.0 | 29.8 | \$1,178.8 |
| Kruger | K-6298VT3 | YGVT3 | C250 | 213.5 | 13.6 | 0.0 | 30.1 | \$1,191.8 |
| Prairie Brand | 988VT3 | YGVT3 | P250 | 213.3 | 15.1 | 2.0 | 28.4 | \$1,171.3 |
| Brownseed | 3P-302RR/YGPL | YGPL, RR2 | C250 | 213.2 | 16.9 | 3.3 | 27.7 | \$1,148.6 |
| Trelay | 5T128 | YGVT3 | P250 | 212.0 | 14.4 | 0.3 | 28.4 | \$1,173.0 |
| NC+ Hybrids | 1887VT3 | YGVT3 | C250 | 211.3 | 13.6 | 0.7 | 28.3 | \$1,180.3 |
| Viking | W86-00L | CB, LL | C250 | 211.1 | 14.9 | 0.7 | 29.8 | \$1,162.9 |
| AgSource | 3T-303VT3 | YGVT3 | C250 | 210.8 | 16.4 | 2.0 | 28.9 | \$1,141.3 |
| Fielders Choice | NG6541 | RR2 | P250 | 210.6 | 15.9 | 0.7 | 29.0 | \$1,147.1 |
| Jung | 7514VT3 | YGVT3 | P250 | 210.5 | 17.1 | 0.7 | 29.8 | \$1,131.4 |
| Wensman | W7309VT3 | YGVT3 | P250 | 209.9 | 16.0 | 0.7 | 28.6 | \$1,141.7 |
| Dyna-Gro | 54T42 | HX1, RR2 | P250 | 209.8 | 15.6 | 2.0 | 28.1 | \$1,146.4 |
| Renk | RK670VT3 | YGVT3 | P250 | 208.8 | 14.2 | 0.3 | 28.3 | \$1,158.0 |
| Fontanelle | 4T722 | YGVT3 | P250 | 208.7 | 13.7 | 4.3 | 28.9 | \$1,164.7 |
| Brownseed | 0C-404YGCB | YGCB | P250 | 208.6 | 16.2 | 4.7 | 28.9 | \$1,132.4 |
| Fielders Choice | EXP515B | YGCB | P250 | 207.7 | 15.0 | 1.7 | 28.7 | \$1,142.5 |
| Wensman | W7289VT3 | YGVT3 | P250 | 206.8 | 14.4 | 0.3 | 28.6 | \$1,144.3 |
| Prairie Brand | 1007RRCB | YGCB, RR2 | P250 | 205.4 | 14.8 | 0.3 | 28.7 | \$1,131.8 |
| Wensman | W7267VT3 | YGVT3 | P250 | 205.2 | 14.0 | 2.0 | 29.3 | \$1,141.6 |
| Pannar | 5D-303VT3 | YGVT3 | C250 | 205.1 | 14.6 | 18.0 | 27.2 | \$1,133.1 |
| Anderson Seeds | 6043 | None | None | 204.1 | 14.4 | 1.0 | 29.3 | \$1,130.1 |
| AgSource | 3C-300ARR/YGCB | YGCB, RR2 | P250 | 202.8 | 13.7 | 0.3 | 26.9 | \$1,130.9 |
| Anderson Seeds | 603R | RR2 | None | 202.8 | 13.6 | 1.3 | 27.4 | \$1,132.0 |
| Trisler | T-1S61VT3 | YGVT3 | P250 | 202.2 | 13.3 | 3.7 | 29.5 | \$1,132.8 |
| Pioneer | 36V75 CK | HX1, RR2 | P250 | 211.6 | 15.8 | 0.7 | 23.1 | \$1,153.9 |
| Test Average = | | | | 202.8 | 14.9 | 2.5 | 28.5 | \$1,117.0 |
| Isd(.10) = | | | | 19.6 | 1.2 | 7.7 | | |
| C.V. = | | | | 7.2 | 5.8 | | | |

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.060 Price = \$5.50

[†] RESISTANCE TECHNOLOGY: **Corn Borer** - CB, HX1, HXT, YGCB, YGPL, YGVT3; **Corn Rootworm** - HXT, RW, YGPL, YGRW, YGVT2, YGVT3; **Clearfield** - CL; **Glyphosate** - GT, RR2, YGVT2, YGVT3; **Liberty** - HX1, HXT, 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: Cool, wet spring weather persisted into June, then rains came less frequently. Moderate temps kept the crop from severe stress during the dry months of July and August. Stalk lodging was caused mostly by high winds on October 25.

2008 BETTER HYBRIDS Harvest Report for Minnesota South West [MNSW]

John Engles, Blue Earth County, Lake Crystal, MN [LAKE CRYSTAL]

LATE SEASON TEST

103-106 Day CRM

SOIL CONDITIONS: Clarion-Webster clay loam, 1% slope, well drained, 3.5% o.m., 5.7 soil pH
 Very high P and K, fall disk (shallow), spring field cultivate (1 pass)

B8MNSW07b

PREVIOUS CROP/HERB: Soybean / Roundup

FERTILITY PROGRAM: 140#/A (actual) fall applied NH3

PEST MANAGEMENT: Outlook (pre-plant incorp.), Callisto/Accent/Atrazine (post)
 Force applied T-band with planter

PLANTED - SEEDING: May 20-21 - 32,500 seed/A **TOP 30 OF 54 HYBRIDS FOR GROSS INCOME (SORTED BY YIELD)**
HARVESTED - STAND: Nov. 3 - 27,100 plants/A **AVERAGE of (3) REPLICATIONS**

| COMPANY | HYBRID | TECHNOLOGY [†] | IST ^{††} | YIELD Bu/A | MOIST % | LODGING % | STAND (x 1000) | GROSS INCOME |
|-----------------|-------------------|-------------------------|-------------------|---------------|------------|--------------|-------------------|-----------------|
| Renk | RK686VT3 | YGVT3 | P250 | 234.9 | 18.9 | 1.7 | 27.1 | \$1,237.4 |
| Viking | WBR6919 | YGVT3 | C250 | 233.6 | 17.9 | 1.7 | 27.1 | \$1,243.6 |
| Trisler | T-4S61VT3 | YGVT3 | P250 | 231.8 | 19.8 | 12.7 | 28.4 | \$1,208.8 |
| Producers | XP6377PLRR | YGPL, RR2 | P250 | 224.4 | 17.7 | 0.7 | 28.3 | \$1,198.4 |
| Fontanelle | 6T226 | YGVT3 | P250 | 223.6 | 18.0 | 5.7 | 27.8 | \$1,189.3 |
| LG Seeds | LG2514VT3 | YGVT3 | P250 | 221.3 | 17.6 | 21.7 | 28.3 | \$1,183.0 |
| Gold Country | 102-04VT3 | YGVT3 | P250 | 220.6 | 17.1 | 0.7 | 27.4 | \$1,185.8 |
| G2 Genetics | 1H-005 | HX1 | P250 | 219.8 | 17.3 | 1.7 | 26.0 | \$1,178.7 |
| Renk | RK698RRYGRW | YGRW, RR2 | P250 | 219.1 | 16.7 | 0.7 | 26.0 | \$1,183.3 |
| Midwest Seed | 76126VT3 | YGVT3 | C250 | 218.7 | 20.0 | 8.0 | 26.7 | \$1,137.2 |
| AgSource | 3T-302VT3 | YGVT3 | C250 | 217.6 | 16.7 | 5.7 | 27.1 | \$1,174.9 |
| NuTech Seed | 3P-708RR/YGPL | YGPL, RR2 | P250 | 216.2 | 19.3 | 5.7 | 28.6 | \$1,132.9 |
| Producers | 6634VT3 | YGVT3 | P250 | 214.8 | 18.2 | 16.7 | 29.2 | \$1,139.9 |
| Kruger | K-6606VT3 | YGVT3 | C250 | 213.5 | 18.2 | 5.7 | 28.0 | \$1,133.1 |
| Dahlco | 8041 | CB, LL, GT | P250 | 213.0 | 19.3 | 2.0 | 26.0 | \$1,116.4 |
| Pannar | 6D-409VT3 | YGVT3 | C250 | 212.5 | 16.3 | 0.7 | 27.2 | \$1,151.7 |
| Wensman | W7360BTRWRR | YGPL, RR2 | P250 | 212.2 | 17.2 | 1.7 | 27.2 | \$1,138.8 |
| Trelay | 6T510 | YGVT3 | P250 | 211.1 | 18.6 | 1.7 | 27.4 | \$1,115.8 |
| Brownseed | 0C-404AYGCB | YGCB | P250 | 210.8 | 18.5 | 12.7 | 28.6 | \$1,114.9 |
| Brownseed | 5N-504GT/CB/LL/RW | CB,RW,LL,GT | P250 | 210.1 | 19.5 | 2.0 | 28.0 | \$1,098.7 |
| G2 Genetics | 5H-506 | HX1, RR2 | P250 | 210.1 | 18.9 | 0.0 | 26.0 | \$1,106.6 |
| AgSource | 3W-403BRR/YGRW | YGRW, RR2 | P250 | 209.7 | 16.1 | 0.3 | 24.3 | \$1,139.6 |
| Fielders Choice | NG6676 | YGVT3 | P250 | 209.5 | 19.6 | 3.7 | 27.4 | \$1,094.7 |
| LG Seeds | LG2532VT3 | YGVT3 | P250 | 209.1 | 18.9 | 8.0 | 28.3 | \$1,100.4 |
| NuTech Seed | 3T-208VT3 | YGVT3 | P250 | 207.4 | 19.1 | 20.7 | 25.5 | \$1,089.3 |
| Pannar | 7B-880VT3 | YGVT3 | C250 | 207.4 | 17.8 | 3.0 | 28.3 | \$1,105.7 |
| Dairyland | 5404 | HX1 | P250 | 207.2 | 17.7 | 0.3 | 28.7 | \$1,105.9 |
| Trelay | 6T226 | YGVT3 | P250 | 206.0 | 18.1 | 12.0 | 26.9 | \$1,094.7 |
| Prairie Brand | 1038VT3 | YGVT3 | P250 | 204.8 | 14.9 | 2.0 | 26.0 | \$1,127.1 |
| Mustang | 5433HX1LLRR | HX1, RR2 | P250 | 203.1 | 16.9 | 1.7 | 27.5 | \$1,093.7 |
| Pioneer | 36V75 CK | HX1, RR2 | P250 | 186.2 | 18.2 | 1.3 | 22.9 | \$988.3 |
| Test Average = | | | | 207.2 | 18.3 | 4.3 | 27.1 | \$1,099.0 |
| Isd(.10) = | | | | 19.0 | 1.7 | 9.4 | | |
| C.V. = | | | | 6.7 | 6.9 | | | |

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.060 Price = \$5.50

[†] RESISTANCE TECHNOLOGY: **Corn Borer** - CB, HX1, HXT, YGCB, YGPL, YGVT3; **Corn Rootworm** - HXT, RW, YGPL, YGRW, YGVT2, YGVT3; **Clearfield** - CL; **Glyphosate** - GT, RR2, YGVT2, YGVT3; **Liberty** - HX1, HXT, 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: Cool, wet spring weather persisted into June, then rains came less frequently. Moderate temps kept the crop from severe stress during the dry months of July and August. Stalk lodging was caused mostly by high winds on October 25.