

2007 BETTER HYBRIDS Harvest Report for [Illinois South]

John Barttelbort, 3773 Mascoutah Ave, Belleville, IL 62221 [BELLEVILLE]

FULL SEASON TEST
113 - 116 Day CRM
SOIL CONDITIONS: 41A Muscatine Silt Loam, 0.1% slope, Somewhat poorly drained
 3.5 o.m., 6.5 pH, Mod high P, Mod K,

7ILSOB30

PREVIOUS CROP/HERB: Soybeans, Roundup

FERTILITY PROGRAM: 136# Anhydrous spring applied, Field Cultivator [2 passes spring]

PEST MANAGEMENT: Post-emerge Bicep II Magnum & Stout
 Force [planter applied T-band]

PLANTED - SEEDING: May 20 - 36,300/A

TOP 30 HYBRIDS FOR YIELD OF 63 TESTED
HARVESTED - STAND: September 15, - 33,800/A

AVERAGE of (3) REPLICATIONS

| COMPANY | HYBRID | TECHNOLOGY | IST | YIELD Bu/A | MOIST % | LODGING % | STAND (x 1000) | GROSS INCOME | |
|-------------------|----------------|-------------|------|----------------|------------|--------------|-------------------|-----------------|---------|
| Fielders Choice | NG6834 | YGVT3 | P250 | 207.1 | 21.3 | 8.7 | 33.6 | \$568.9 | |
| Fielders Choice | NG6820 | YGPL, RR2 | P250 | 203.4 | 19.9 | 0.7 | 33.6 | \$570.5 | |
| AgSource | 3C-714RR/YGCB | YGCB, RR2 | P250 | 198.1 | 23.1 | 0.0 | 32.9 | \$530.0 | |
| DeKalb | DKC63-42 CK | YGVT3 | P250 | 197.1 | 20.5 | 1.7 | 35.5 | \$548.2 | |
| Kruger | K-6413TS | YGPL, RR2 | C250 | 196.0 | 19.6 | 8.3 | 31.6 | \$551.9 | |
| LG Seeds | LG2642BtRW | YGPL | P250 | 195.7 | 23.2 | 0.0 | 34.2 | \$522.8 | |
| Midwest Seed | 80404VT3 | YGVT3 | C250 | 193.8 | 21.4 | 11.3 | 32.9 | \$531.5 | |
| Wyffels | W9127 | YGCB, RR2 | P250 | 193.6 | 26.4 | 17.0 | 35.5 | \$492.4 | |
| ICORN | 112.VT3 | YGVT3 | C250 | 193.1 | 19.4 | 13.3 | 33.6 | \$545.1 | |
| Crows | 5304VT3 | YGVT3 | C250 | 192.6 | 21.0 | 5.7 | 32.3 | \$531.7 | |
| Asgrow | RX785VT3 | YGVT3 | P250 | 192.6 | 20.7 | 11.3 | 35.5 | \$534.2 | |
| Stone | 8K339 | YGPL, RR2 | P250 | 191.7 | 20.7 | 5.7 | 32.3 | \$531.3 | |
| DeKalb | DKC63-81 | YGCB, RR2 | P250 | 190.2 | 23.7 | 0.3 | 35.5 | \$504.4 | |
| Campbell | 69-36VT3 | YGVT3 | P250 | 190.1 | 20.6 | 4.7 | 36.1 | \$527.7 | |
| Great Lakes | 6321BtRW | YGPL | P250 | 189.6 | 18.4 | 4.3 | 35.5 | \$543.0 | |
| AgriGold | A6639RR | RR2 | P250 | 186.1 | 24.7 | 8.3 | 31.0 | \$486.1 | |
| AgriGold | A6633VT3 | YGVT3 | P250 | 185.2 | 19.2 | 5.7 | 32.3 | \$524.6 | |
| FS Seeds | FS65T27 | HXTRA, LL | P250 | 184.3 | 21.6 | 5.7 | 35.5 | \$504.6 | |
| DeKalb | DKC65-47 | RR2 | P250 | 184.0 | 22.5 | 6.7 | 33.6 | \$496.9 | |
| Croplan | 7505CR | RW, RR2 | C250 | 183.9 | 23.5 | 3.7 | 34.8 | \$489.0 | |
| ICORN | 111.VT9 CK | YGVT3 | C250 | 182.6 | 20.3 | 13.7 | 35.5 | \$509.5 | |
| Croplan | 6818TS | YGPL, RR2 | C250 | 182.6 | 23.6 | 0.7 | 32.3 | \$484.8 | |
| Kruger | K-5014YGCB | YGCB | P250 | 181.4 | 21.4 | 27.0 | 32.9 | \$497.4 | |
| Stone | 8B595 | YGCB | P250 | 181.2 | 19.7 | 6.7 | 32.9 | \$509.4 | |
| Dyna-Gro | 57F37 | YGCB | P250 | 180.9 | 20.5 | 7.0 | 36.8 | \$503.0 | |
| Becks | 6722CBRWRR | CB, RW, RR2 | P250 | 180.8 | 22.6 | 22.0 | 30.3 | \$487.4 | |
| Wyffels | W8601 | YGPL, RR2 | P250 | 180.7 | 21.8 | 22.7 | 34.8 | \$493.0 | |
| AgSource | 0P-515YGPL | YGPL | P250 | 180.0 | 22.5 | 7.3 | 38.1 | \$486.0 | |
| Kruger | K-5116YGCB | YGCB | P250 | 179.8 | 21.8 | 53.7 | 33.6 | \$490.6 | |
| Brown Enterprises | 638HXT | HX1, LL | C250 | 178.2 | 20.1 | 7.0 | 34.2 | \$498.2 | |
| AgriGold | A6474BtRWRR CK | YGPL, RR2 | P250 | 166.2 | 19.9 | 24.7 | 33.6 | \$465.7 | |
| | | | | Test Average = | 177.7 | 21.2 | 17.1 | 33.8 | \$488.8 |
| | | | | Isd(.10) = | 17.7 | 1.4 | 20.4 | | |
| | | | | C.V. = | 7.4 | 5.0 | | | |

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.040 Price = \$3.00

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: Site had very tall plant and ear heights. Lodging scores reflect poor stalk quality. The plot's May 20th planting date may have contributed to it's lower yield averages? John noted that most of their earlier planted corn was yielding in the 200 bu range. Some plots experienced a covering of stubborn morning glory which could have impacted harvested grain moistures?

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| Campbell | X671-76VT | YGRW, RR2 | P250 | 173.0 | 17.8 | 17.3 | 33.6 | \$499.4 | |
| Brown Enterprises | 638HXT | HX1, LL | C250 | 178.2 | 20.1 | 7.0 | 34.2 | \$498.2 | |
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| Wyffels | W8601 | YGPL, RR2 | P250 | 180.7 | 21.8 | 22.7 | 34.8 | \$493.0 | |
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| Wyffels | W9127 | YGCB, RR2 | P250 | 193.6 | 26.4 | 17.0 | 35.5 | \$492.4 | |
| Heritage-Diener | 4716RR2/YGPL | YGPL, RR2 | P250 | 177.3 | 20.6 | 0.7 | 34.2 | \$492.0 | |
| Kruger | K-5116YGCB | YGCB | P250 | 179.8 | 21.8 | 53.7 | 33.6 | \$490.6 | |
| Hoblit | 5425YGVT | YGVT2 | P250 | 173.0 | 19.2 | 16.3 | 32.9 | \$489.6 | |
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