

2005 BETTER HYBRIDS Harvest Report for Iowa North Central [IAWC]

Kenny Kline, Harrison County [MISSOURI VALLEY]

FULL SEASON TEST
111-114 Day CRM
SOIL CONDITIONS: Kennebec silty loam, 1% slope, moderately well-drained, conventional tillage
 6.4, High P & K

PREVIOUS CROP/HERB: Corn - GMax Lite / Callisto + Atrazine

FERTILITY PROGRAM: 200-60-60-10-5 Fall Applied NH3

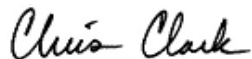
PEST MANAGEMENT: GMax Lite (PPI)
 Capture T-banded with planter at full-rate

PLANTED - SEEDING: May 6 - 30,200

TOP 30 HYBRIDS FOR YIELD OF 72 TESTED
HARVESTED - STAND: September 30 - 26,300

AVERAGE of (3) REPLICATIONS

| COMPANY | HYBRID | TECHNOLOGY | IST | YIELD Bu/A | MOIST % | LODGING % | STAND (x 1000) | GROSS INCOME | |
|---------------|---------------|------------|------|----------------|------------|--------------|-------------------|-----------------|-----------|
| Dekalb | DKC61-45 | YGCB, RR2 | P250 | 215.5 | 19.2 | 0.0 | 24.3 | \$485.3 | |
| Wilson | 1732B | YGCB | C250 | 215.3 | 24.5 | 1.3 | 26.6 | \$445.3 | |
| Great Lakes | 6321Bt | YGCB | P250 | 214.2 | 22.8 | 24.7 | 27.1 | \$455.4 | |
| AgriGold | A6594Bt | YGCB | P250 | 213.7 | 25.2 | 0.0 | 27.1 | \$436.7 | |
| Merschman | M-512C-1 | YGCB | P250 | 213.3 | 24.5 | 0.0 | 26.0 | \$441.0 | |
| Midwest Seed | G7972B | YGCB | C250 | 212.8 | 23.9 | 0.3 | 26.6 | \$444.7 | |
| NK Brand | N76-M5 | CB, LL | C250 | 212.7 | 24.7 | 0.0 | 27.7 | \$438.0 | |
| FS Seeds | FS6735 | | P250 | 211.6 | 21.4 | 0.0 | 24.9 | \$460.1 | |
| Dyna-Gro | 57F19 | YGCB | P250 | 211.5 | 23.2 | 1.3 | 28.2 | \$447.1 | |
| Ottillie RO | 5436YGCB | YGCB | C250 | 210.1 | 23.3 | 0.0 | 27.1 | \$443.1 | |
| Kruger | K-5416YGCB | YGCB | P250 | 209.4 | 24.0 | 1.3 | 27.7 | \$436.3 | |
| Circle Seed | CS-8414HX | HX1, LL | P250 | 208.5 | 24.7 | 0.0 | 27.7 | \$429.8 | |
| Heartland | ST41-12 | YGCB | P250 | 207.4 | 20.6 | 0.3 | 27.1 | \$456.9 | |
| AgriGold | A6633 | | P250 | 207.1 | 21.6 | 0.0 | 26.0 | \$449.3 | |
| Dyna-Gro | 57X97 | HX1, LL | P250 | 206.7 | 24.2 | 3.0 | 24.9 | \$429.8 | |
| Dekalb | DKC61-72 | RR2 | P250 | 206.6 | 20.7 | 1.3 | 26.6 | \$454.3 | |
| NuTech Seed | NT-4213YGCB | YGCB | C250 | 206.3 | 25.0 | 0.0 | 24.9 | \$422.6 | |
| Merschman | M-612D-1 | YGCB | P250 | 205.4 | 20.9 | 1.3 | 28.8 | \$450.4 | |
| Producers | 7373YGCBBRR | YGCB, RR2 | | 205.4 | 24.2 | 4.3 | 25.4 | \$427.0 | |
| Wyffels | W7275 | HX1, LL | P250 | 204.8 | 21.6 | 0.0 | 27.1 | \$444.3 | |
| 4 Star Seed | 5758Bt | YGCB | C250 | 204.8 | 22.6 | 0.0 | 24.3 | \$436.8 | |
| Kruger | K-9115RR/YGCB | YGCB, RR2 | P250 | 204.7 | 24.2 | 0.3 | 27.7 | \$425.3 | |
| AgSource | 6273 | YGCB | C250 | 204.5 | 24.0 | 0.0 | 26.0 | \$426.7 | |
| AgriGold | A6474Bt | YGCB | P250 | 204.4 | 21.1 | 0.0 | 27.1 | \$447.0 | |
| SOI Brand | 112HX | HX1, LL | P250 | 204.4 | 23.3 | 0.0 | 28.8 | \$431.4 | |
| Producers | 7361YGCB | YGCB | P250 | 203.4 | 23.7 | 0.0 | 26.6 | \$426.3 | |
| NK Brand | N70-T9 | CB, LL, CL | C250 | 203.4 | 23.2 | 0.0 | 26.0 | \$430.0 | |
| Prairie Brand | 1134RR/CB | YGCB, RR2 | P250 | 203.3 | 21.9 | 13.3 | 26.6 | \$438.9 | |
| LG Seeds | LG2625Bt | YGCB | P250 | 201.7 | 21.5 | 0.0 | 25.4 | \$438.0 | |
| Asgrow | RX715RR2 | RR2 | P250 | 201.5 | 22.7 | 11.3 | 22.7 | \$429.5 | |
| Dekalb | DKC60-19 | YGCB, RR2 | P250 | 206.6 | 19.2 | 0.0 | 27.7 | \$465.2 | |
| | | | | Test Average = | 200.1 | 23.4 | 1.6 | 26.3 | \$421.9 |
| | | | | Isd(.10) = | 15.6 | 1.5 | 6.4 | | |
| | | | | C.V. = | 5.8 | 4.6 | | | B5IAWCB13 |



F.I.R.S.T. Manager

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.035 Price = \$2.40

TECHNOLOGY: CL - Clear Field, LL - LibertyLink, RR, RR2 - Roundup Ready, CB - Corn Borer, HX1 - Herculex
 YGCB - YieldGard Corn Borer, YGRW - YieldGard Rootworm, YGPL - YGCB plus YGRW
IST: C125, C250, C1250 - Cruiser @ .125, .250 and 1.250 g ai/seed. P250 and P1250 - Poncho @ .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 hybrids tested without a commercial lot number. Hybrids in italics exceed the grain moisture limit for this test.

FIELD NOTES: This corn on corn location endured excessive rainfall for much of the season. The stands were somewhat reduced from an uneven seedbed along with the excessive moisture. These full-season hybrids yielded less overall compared to earlier corns.

 A list of all the hybrids in this test is available at www.firstseedtests.com

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FULL SEASON TEST
111-114 Day CRM
SOIL CONDITIONS: Kennebec silty loam, 1% slope, moderately well-drained, conventional tillage
 6.4, High P & K

PREVIOUS CROP/HERB: Corn - GMax Lite / Callisto + Atrazine

FERTILITY PROGRAM: 200-60-60-10-5 Fall Applied NH3

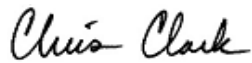
PEST MANAGEMENT: GMax Lite (PPI)
 Capture T-banded with planter at full-rate

PLANTED - SEEDING: May 6 - 30,200

TOP 30 HYBRIDS FOR GROSS INCOME OF 72 TESTED
HARVESTED - STAND: September 30 - 26,300

AVERAGE of (3) REPLICATIONS

| COMPANY | HYBRID | TECHNOLOGY | IST | YIELD Bu/A | MOIST % | LODGING % | STAND (x 1000) | GROSS INCOME | |
|---------------|------------|------------|------|----------------|--------------|--------------|-------------------|-----------------|----------------|
| Dekalb | DKC61-45 | YGCB, RR2 | P250 | 215.5 | 19.2 | 0.0 | 24.3 | \$485.3 | |
| FS Seeds | FS6735 | | P250 | 211.6 | 21.4 | 0.0 | 24.9 | \$460.1 | |
| Heartland | ST41-12 | YGCB | P250 | 207.4 | 20.6 | 0.3 | 27.1 | \$456.9 | |
| Great Lakes | 6321Bt | YGCB | P250 | 214.2 | 22.8 | 24.7 | 27.1 | \$455.4 | |
| Dekalb | DKC61-72 | RR2 | P250 | 206.6 | 20.7 | 1.3 | 26.6 | \$454.3 | |
| Merschman | M-612D-1 | YGCB | P250 | 205.4 | 20.9 | 1.3 | 28.8 | \$450.4 | |
| AgriGold | A6633 | | P250 | 207.1 | 21.6 | 0.0 | 26.0 | \$449.3 | |
| Dyna-Gro | 57F19 | YGCB | P250 | 211.5 | 23.2 | 1.3 | 28.2 | \$447.1 | |
| AgriGold | A6474Bt | YGCB | P250 | 204.4 | 21.1 | 0.0 | 27.1 | \$447.0 | |
| Wilson | 1732B | YGCB | C250 | 215.3 | 24.5 | 1.3 | 26.6 | \$445.3 | |
| Midwest Seed | G7972B | YGCB | C250 | 212.8 | 23.9 | 0.3 | 26.6 | \$444.7 | |
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| Ottillie RO | 5436YGCB | YGCB | C250 | 210.1 | 23.3 | 0.0 | 27.1 | \$443.1 | |
| Merschman | M-512C-1 | YGCB | P250 | 213.3 | 24.5 | 0.0 | 26.0 | \$441.0 | |
| Epley | E3640YGCB | YGCB | | 198.8 | 20.2 | 0.3 | 27.1 | \$440.8 | |
| Prairie Brand | 1134RR/CB | YGCB, RR2 | P250 | 203.3 | 21.9 | 13.3 | 26.6 | \$438.9 | |
| NK Brand | N76-M5 | CB, LL | C250 | 212.7 | 24.7 | 0.0 | 27.7 | \$438.0 | |
| LG Seeds | LG2625Bt | YGCB | P250 | 201.7 | 21.5 | 0.0 | 25.4 | \$438.0 | |
| 4 Star Seed | 5758Bt | YGCB | C250 | 204.8 | 22.6 | 0.0 | 24.3 | \$436.8 | |
| AgriGold | A6594Bt | YGCB | P250 | 213.7 | 25.2 | 0.0 | 27.1 | \$436.7 | |
| Kruger | K-5416YGCB | YGCB | P250 | 209.4 | 24.0 | 1.3 | 27.7 | \$436.3 | |
| Dyna-Gro | 57F70 | YGCB | P250 | 196.2 | 20.4 | 1.3 | 25.4 | \$433.7 | |
| SOI Brand | 112HX | HX1, LL | P250 | 204.4 | 23.3 | 0.0 | 28.8 | \$431.4 | |
| NK Brand | N70-T9 | CB, LL, CL | C250 | 203.4 | 23.2 | 0.0 | 26.0 | \$430.0 | |
| Circle Seed | CS-8414HX | HX1, LL | P250 | 208.5 | 24.7 | 0.0 | 27.7 | \$429.8 | |
| Dyna-Gro | 57X97 | HX1, LL | P250 | 206.7 | 24.2 | 3.0 | 24.9 | \$429.8 | |
| Asgrow | RX715RR2 | RR2 | P250 | 201.5 | 22.7 | 11.3 | 22.7 | \$429.5 | |
| Producers | 7373YGCBRR | YGCB, RR2 | | 205.4 | 24.2 | 4.3 | 25.4 | \$427.0 | |
| AgSource | 6273 | YGCB | C250 | 204.5 | 24.0 | 0.0 | 26.0 | \$426.7 | |
| FS Seeds | FS6684Bt | YGCB | P250 | 197.1 | 21.8 | 3.0 | 27.7 | \$426.4 | |
| Dekalb | DKC60-19 | YGCB, RR2 | P250 | 206.6 | 19.2 | 0.0 | 27.7 | \$465.2 | |
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