

2010 BETTER HYBRIDS Harvest Report for Illinois East Central [ILEC]
EARLY SEASON TEST

Jim Cullison, Macon County, IL 61913 [FORSYTH]

105 - 110 Day CRM

PREV. CROP/HERB: Soybean / Valor XLT, Roundup PowerMax BOILEC01a
 SOIL DESCRIPTION: Dana silty clay loam, mod. well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.6 pH, 3.5% OM
 PEST MANAGEMENT: Lexar, Lexar, Quilt 30" ROW SPACING
 FERTILITY - Applied N: 184 Fall,
 Applied N-P-K (units): 184-92-100
 SEEDING - RATE: Apr 29 36,300 /A TOP 30 OF 72 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Sep 15 33,500 /A AVERAGE of (3) REPLICATIONS

| Company | Brand | Technology [†] | IST ^{††} | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|---------------|-------------------------|-------------------|---------------|---------------|--------------|-------------------|-------------------------|------|
| Stine | 9731VT3Pro | VT3P | P250 | 238.1 | 18.1 | 0.0 | 34.5 | \$993.5 | 1 |
| NuTech | 3T-110 | VT3 | C250 | 235.6 | 17.7 | 0.0 | 33.9 | \$985.4 | 2 |
| Lewis | 910VT3 | VT3 | P250 | 226.1 | 18.0 | 0.0 | 31.9 | \$944.0 | 3 |
| Wyffels | W6871 | VT3 | P250 | 223.6 | 18.1 | 0.0 | 33.2 | \$933.0 | 4 |
| Golden Harvest | H-8969 3000GT | 3000GT | C500 | 221.3 | 18.3 | 0.0 | 33.9 | \$922.3 | 6 |
| Heritage | 4602VT3 | VT3 | P250 | 221.2 | 17.5 | 0.0 | 34.5 | \$926.3 | 5 |
| Croplan | 6125VT3 | VT3 | C250 | 217.1 | 16.4 | 0.0 | 33.2 | \$915.1 | 7 |
| Sun Prairie | SP617VT3 | VT3 | P250 | 216.8 | 17.6 | 0.0 | 34.5 | \$907.3 | 9 |
| Heritage | 4610VT3 | VT3 | P250 | 216.6 | 16.7 | 0.3 | 33.9 | \$911.3 | 8 |
| LG Seeds | LG2555VT3 | VT3 | P250 | 216.3 | 18.5 | 0.0 | 33.2 | \$900.3 | 13 |
| Stone | 6N52VT3 | VT3 | P250 | 216.0 | 17.1 | 0.0 | 33.2 | \$906.7 | 10 |
| Dyna-Gro | 57V40 | VT3 | P250 | 215.2 | 17.9 | 0.0 | 33.2 | \$899.0 | 14 |
| Kruger | K-6010VT3 | VT3 | C250 | 215.0 | 17.5 | 0.0 | 33.9 | \$900.3 | 12 |
| Channel | 209-77VT3 | VT3 | P250 | 214.0 | 16.4 | 0.0 | 32.5 | \$902.0 | 11 |
| Dekalb | DKC57-50 | VT3 | P250 | 211.4 | 16.3 | 0.0 | 33.8 | \$891.6 | 15 |
| Bo-Jac | 9459 | 3000GT | C250 | 210.2 | 17.2 | 0.0 | 32.5 | \$881.8 | 17 |
| NuTech | 3T-808 | VT3 | C250 | 209.0 | 16.2 | 0.3 | 31.2 | \$882.0 | 16 |
| Channel | 210-61VT3 | VT3 | P250 | 208.4 | 17.5 | 0.0 | 34.5 | \$872.7 | 19 |
| NuTech | G2 5X-411^ | HXT,RR2 | C250 | 208.2 | 17.7 | 0.0 | 30.6 | \$870.8 | 20 |
| Kruger | K-6107VT3 | VT3 | C250 | 207.8 | 16.8 | 0.0 | 36.5 | \$873.8 | 18 |
| Garst | 85E98-3000GT | 3000GT | C500 | 206.5 | 16.7 | 0.0 | 34.5 | \$868.8 | 22 |
| Beck | 5442VT3 | VT3 | P500 | 206.0 | 17.2 | 0.0 | 29.9 | \$864.2 | 24 |
| Lewis | 1107VT3 | VT3 | P250 | 205.9 | 16.2 | 0.0 | 31.2 | \$868.9 | 21 |
| Dekalb | DKC59-35 | VT3 | P250 | 205.6 | 16.6 | 0.0 | 34.5 | \$865.6 | 23 |
| NuTech | 1N-109 | CB/LL/RW | C250 | 204.8 | 17.8 | 0.0 | 33.2 | \$856.1 | 27 |
| Croplan | 5415VT3P | VT3P | C250 | 204.3 | 16.1 | 0.0 | 33.2 | \$862.7 | 25 |
| Croplan | 5757VT3 | VT3 | C250 | 204.1 | 17.4 | 0.0 | 32.6 | \$855.2 | 28 |
| Great Lakes | 5783G3VT3 | VT3 | P250 | 203.4 | 16.5 | 0.0 | 32.6 | \$856.8 | 26 |
| Croplan | 6425VT3P | VT3P | C250 | 203.2 | 17.4 | 0.0 | 35.2 | \$851.4 | 29 |
| Dyna-Gro | V4993VT3 | VT3 | P250 | 201.2 | 16.1 | 0.0 | 33.2 | \$849.6 | 30 |
| Great Lakes | 6069G3VT3 CK | VT3 | P250 | 183.2 | 15.4 | 0.0 | 35.2 | \$776.8 | 58 |
| Test Average = | | | | 196.4 | 16.9 | 0.2 | 33.5 | \$825.2 | |
| LSD (0.10) = | | | | 16.1 | 1.0 | n.s. | | | |
| C.V. = | | | | 6.1 | 4.2 | | | | |

TEST COMMENTS: Jim said, "Around July 15th this field received a 1.5" rain, but other than that, it was dry in July."
 June rain, totaling over 15 inches, slowed seedling development. High heat in August simply rushed maturity of plants & kernels.
 Harvested ear sizes ranged from 3-4" in length for many hybrids. Lat: N39.94841, Long: W88.97416

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$4.25

[†] **TECHNOLOGY:** Corn Borer - 3000GT, CB, HX, HXT, SS, VT2P, VT3, VT3P, YGCB; Corn Rootworm - 3000GT, HXT, RW, SS, VT2, VT3, VT3P
 Glyphosate - 3000GT, GT, RR2, SS, VT2, VT2P, VT3, VT3P; LibertyLink - 3000GT, HX, HXT, LL, SS
^{††} **IST:** AVC - Avicta Complete, C - Cruiser, P - Poncho, 250, 500, and 1250 = 0.25, 0.5, and 1.25 g ai/seed, respectively; V - Votivo
 Identifies the check brand included in early- and full-season tests. **Bold** yields are significantly above test average. **Italicized** brands exceed the grain moisture limit for this test. **GC** = grower chosen product, * = brands without a seed lot number **ns** = not significantly different

2010 BETTER HYBRIDS Harvest Report for Illinois East Central [ILEC]

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FULL SEASON TEST
111 - 114 Day CRM

PREV. CROP/HERB: Soybean / Valor XLT, Roundup PowerMax B0ILEC01b
 SOIL DESCRIPTION: Dana silty clay loam, mod. well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.6 pH, 3.5% OM
 PEST MANAGEMENT: Lexar, Lexar, Quilt 30" ROW SPACING
 FERTILITY - Applied N: 184 Fall,
 Applied N-P-K (units): 184-92-100
 SEEDED - RATE: Apr 29 36,300 /A TOP 30 OF 72 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Sep 15 34,000 /A AVERAGE of (3) REPLICATIONS

| Company | Brand | Technology [†] | IST ^{††} | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|---------------|-------------------------|-------------------|---------------|---------------|--------------|-------------------|-------------------------|------|
| AgriGold | A6553VT3 | VT3 | P250 | 232.4 | 20.9 | 0.0 | 35.8 | \$953.4 | 1 |
| Heritage | 4642VT3 | VT3 | P250 | 226.2 | 18.4 | 0.0 | 33.2 | \$942.1 | 2 |
| Beck | 6179VT3 | VT3 | P500 | 222.2 | 18.3 | 0.0 | 33.2 | \$926.0 | 3 |
| Wyffels | W8681 | VT3 | P250 | 222.0 | 21.1 | 0.0 | 33.2 | \$909.6 | 4 |
| Golden Harvest | H-9138 3000GT | 3000GT | C500 | 219.2 | 21.1 | 0.0 | 32.6 | \$898.2 | 5 |
| Wyffels | W8430 | RR2 | P250 | 217.9 | 20.4 | 0.0 | 32.5 | \$896.7 | 6 |
| LG Seeds | LG2620VT3 | VT3 | P250 | 216.9 | 20.3 | 0.0 | 32.6 | \$893.1 | 7 |
| NuTech | 5N-215 | 3000GT | C250 | 216.5 | 20.3 | 0.0 | 33.9 | \$891.4 | 9 |
| LG Seeds | LG2641VT3 | VT3 | P250 | 215.3 | 19.9 | 0.0 | 34.5 | \$888.7 | 10 |
| Horizon | 73PR15R | VT3P | P250 | 214.5 | 18.6 | 0.0 | 32.6 | \$892.3 | 8 |
| Garst | 83R38-3000GT | 3000GT | C250 | 213.9 | 21.5 | 0.0 | 33.2 | \$874.3 | 14 |
| FS Seeds | FS63MV4 | VT3P | P250 | 212.6 | 20.0 | 0.0 | 33.9 | \$877.0 | 13 |
| Horizon | 71PV08R | VT3 | P250 | 212.5 | 18.3 | 0.0 | 34.5 | \$885.6 | 11 |
| Stine | 9806VT3 | VT3 | P250 | 210.3 | 21.9 | 0.0 | 33.9 | \$857.5 | 18 |
| Kruger | K-1211RR | RR2 | P250 | 209.0 | 17.1 | 0.0 | 34.5 | \$877.3 | 12 |
| AgriGold | A6533VT3 | VT3 | P250 | 207.8 | 20.0 | 0.0 | 31.9 | \$857.2 | 19 |
| Channel | 214-14VT3P | VT3P | P250 | 206.9 | 17.9 | 0.0 | 32.6 | \$864.3 | 15 |
| Croplan | 6286VT3P | VT3P | C250 | 206.3 | 18.1 | 0.0 | 33.2 | \$860.8 | 17 |
| Dairyland | ST9414 | VT3 | P250 | 205.9 | 21.0 | 0.0 | 35.2 | \$844.2 | 26 |
| Garst | 84Y14-3000GT | 3000GT | C500 | 205.4 | 19.4 | 0.0 | 33.8 | \$850.4 | 22 |
| Dekalb | DKC63-42 | VT3 | P250 | 205.3 | 19.2 | 0.0 | 35.2 | \$851.0 | 21 |
| Dekalb | DKC61-69 | VT3 | P250 | 204.9 | 16.3 | 0.0 | 33.2 | \$864.2 | 16 |
| Croplan | 6926VT3P | VT3P | C250 | 204.6 | 18.6 | 0.0 | 33.2 | \$851.1 | 20 |
| Dairyland | ST9313 | VT3 | C250 | 203.6 | 19.6 | 0.0 | 35.2 | \$841.9 | 27 |
| FS Seeds | FS64JV3 | VT3 | P250 | 203.1 | 19.5 | 0.0 | 34.5 | \$840.3 | 29 |
| Horizon | 74PV37R | VT3 | P250 | 202.9 | 18.2 | 0.0 | 33.2 | \$846.1 | 24 |
| Great Heart | HT-212VT3 | VT3 | P250,V | 202.8 | 18.0 | 0.0 | 30.6 | \$846.7 | 23 |
| FS Seeds | FS62JV3 | VT3 | P250 | 202.8 | 18.4 | 0.0 | 31.2 | \$844.7 | 25 |
| Mycogen | 2V732 | VT3 | C250 | 202.0 | 18.7 | 0.0 | 33.2 | \$839.8 | 30 |
| AgriGold | A6476VT3 | VT3 | P250 | 201.3 | 17.9 | 0.0 | 33.2 | \$840.9 | 28 |
| Great Lakes | 6069G3VT3 CK | VT3 | P250 | 194.3 | 16.6 | 0.0 | 35.2 | \$818.0 | 42 |
| Test Average = | | | | 197.6 | 19.2 | 0.0 | 34.0 | \$818.9 | |
| LSD (0.10) = | | | | 19.4 | 0.9 | n.s. | | | |
| C.V. = | | | | 7.3 | 3.3 | | | | |

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^{††} **IST:** AVC - Avicta Complete, C - Cruiser, P - Poncho, 250, 500, and 1250 = 0.25, 0.5, and 1.25 g ai/seed, respectively; V - Votivo
 Identifies the check brand included in early- and full-season tests. **Bold** yields are significantly above test average. **Italicized** brands exceed the grain moisture limit for this test. **GC** = grower chosen product, * = brands without a seed lot number **ns** = not significantly different



Footnotes, Abbreviations, and Trademarks

Brand Footnotes

^G2[®] brand seed is distributed by NuTech Seed, LLC. HPT[®] brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM[®] brand seed is distributed by Doebler's PA Seed. XL[™] brand seed is distributed by Beck's Superior Hybrids. G2[®], HPT[®], RPM[®], and XL[™] are trademarks of Pioneer Hi-Bred.

Technologies

| | |
|----------|---|
| 3110 | Agrisure [®] Viptera [™] 3110 |
| 3111 | Agrisure [®] Viptera [™] 3111 |
| 3000GT | Agrisure [®] 3000GT |
| CB/LL | Agrisure [®] CB/LL |
| CB/LL/RW | Agrisure [®] CB/LL/RW |
| GT | Agrisure [®] GT |
| GT/CB/LL | Agrisure [®] GT/CB/LL |
| HX | HERCULEX [®] I Insect Protection |
| HXT | HERCULEX [®] XTRA Insect Protection |
| LL | LibertyLink [®] |
| RR | Roundup Ready [®] Soybeans |
| RR2 | Roundup Ready [®] Corn 2 |
| RR2Y | Genuity [™] Roundup Ready 2 Yield [®] |
| SS | Genuity [™] SmartStax [™] |
| STS | STS [®] |
| VT2 | YieldGard VT Rootworm/RR2 [™] |
| VT2P | Genuity [™] VT Double PRO [™] |
| VT3 | YieldGard VT Triple [®] |
| VT3P | Genuity [™] VT Triple PRO [™] |
| YGCB | YieldGard [®] Corn Borer |
| YGCB,RR2 | YieldGard [®] Corn Borer/Roundup Ready [®] Corn 2 |
| YGPL,RR2 | YieldGard [®] Plus/Roundup Ready [®] Corn 2 |
| YGRW,RR2 | YieldGard [®] Rootworm/Roundup Ready [®] Corn 2 |

Seed Treatments

| | |
|-----|-----------------------------------|
| AC | Acceleron [®] |
| AM | ApronMaxx [®] |
| AP | Apron XL [®] |
| AVC | Avicta [®] Complete Corn |
| C | Cruiser [®] |
| CM | CruiserMaxx [®] |
| E | Excalibre [™] |
| ES | Escalate [™] |
| I | Inovate [™] System |
| O | Optimize [®] |
| P | Poncho [®] |
| T | Trilex [®] |
| T6 | Trilex [®] 6000 |
| V | Votivo [™] |

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- LibertyLink[®], Poncho[®], Trilex[®], and Votivo[™] are trademarks of Bayer.
- Escalate[™] is a trademark of Beck's Superior Hybrids
- Herculex[®] is a trademark of Dow AgroSciences LLC.
- STS[®] is a registered trademark of E.I. DuPont Nemours & Co.
- Optimize[®] is a trademark of EMD Crop BioScience Inc.
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