

2010 BETTER HYBRIDS Harvest Report for Illinois West Central [ILWC]
 Roger Ladage, Macoupin County, IL 62690 [VIRDEN]

EARLY SEASON TEST
105 - 110 Day CRM

PREV. CROP/HERB: Corn / Lexar, Callisto B01LWC10a
 SOIL DESCRIPTION: Virden silt loam, moderately drained, minimum w/ fall till, non-irrigated
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.9 pH, 3.6% OM
 PEST MANAGEMENT: Lexar 30" ROW SPACING
 FERTILITY - Applied N: 200 Spring,
 Applied N-P-K (units): 200-0-0
 SEEDING - RATE: May 7 36,300 /A TOP 30 OF 72 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 1 34,200 /A AVERAGE of (3) REPLICATIONS

| Company | Brand | Technology [†] | IST ^{††} | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|---------------|-------------------------|-------------------|---------------|---------------|--------------|-------------------|-------------------------|------|
| Heritage | 4610VT3 | VT3 | P250 | 219.9 | 14.7 | 0.0 | 35.2 | \$936.2 | 1 |
| Channel | 210-61VT3 | VT3 | P250 | 218.6 | 15.0 | 0.7 | 34.5 | \$929.1 | 4 |
| Beck | 5442VT3 | VT3 | P500 | 218.2 | 14.5 | 0.3 | 34.5 | \$930.1 | 2 |
| Stone | 6N52VT3 | VT3 | P250 | 218.0 | 14.5 | 0.3 | 35.2 | \$929.2 | 3 |
| Dekalb | DKC58-83 | VT3P | P250 | 217.8 | 14.4 | 0.0 | 34.5 | \$928.9 | 5 |
| LG Seeds | LG2555VT3 | VT3 | P250 | 217.5 | 14.6 | 0.3 | 34.5 | \$926.6 | 6 |
| Stine | 9731VT3Pro | VT3P | P250 | 210.8 | 15.0 | 0.3 | 34.5 | \$895.9 | 7 |
| Wyffels | W6871 | VT3 | P250 | 207.3 | 14.5 | 0.3 | 35.8 | \$883.6 | 8 |
| AgSource | 5X-411B | HXT,RR2 | C250 | 207.2 | 15.0 | 0.3 | 32.5 | \$880.6 | 10 |
| Golden Harvest | H-8577 3000GT | 3000GT | C500 | 207.0 | 14.6 | 1.7 | 33.2 | \$881.8 | 9 |
| Horizon | 66PV41R | VT3 | P250 | 206.3 | 14.5 | 0.3 | 34.5 | \$879.4 | 11 |
| Heritage | 4620VT3 | VT3 | P250 | 206.2 | 15.1 | 0.3 | 33.2 | \$875.8 | 14 |
| NuTech | 3T-110 | VT3 | C250 | 205.6 | 14.3 | 1.3 | 33.2 | \$877.4 | 12 |
| Channel | 209-77VT3 | VT3 | P250 | 205.1 | 14.2 | 0.0 | 35.8 | \$875.8 | 13 |
| AgriGold | A6476VT3 | VT3 | P250 | 204.4 | 14.6 | 1.7 | 33.9 | \$870.7 | 15 |
| Dyna-Gro | V4993VT3 | VT3 | P250 | 203.2 | 14.3 | 0.7 | 34.5 | \$867.2 | 16 |
| NuTech | G2 5X-909^ | HXT,RR2 | C250 | 200.2 | 14.7 | 0.0 | 34.5 | \$852.4 | 18 |
| Croplan | 6125VT3 | VT3 | C250 | 199.8 | 13.9 | 0.7 | 37.8 | \$854.6 | 17 |
| Kruger | K-6010VT3 | VT3 | C250 | 199.1 | 14.3 | 0.0 | 29.9 | \$849.7 | 19 |
| Great Lakes | 5939G3VT3 | VT3 | P250 | 198.8 | 14.2 | 0.0 | 36.5 | \$848.9 | 20 |
| Dyna-Gro | 57V40 | VT3 | P250 | 198.0 | 14.5 | 0.0 | 35.8 | \$844.0 | 22 |
| Kruger | K-6408VT3 | VT3 | P250 | 197.8 | 14.1 | 0.0 | 33.9 | \$845.1 | 21 |
| Dekalb | DKC59-35 | VT3 | P250 | 197.8 | 14.4 | 0.3 | 31.9 | \$843.6 | 23 |
| Beck | XL 5377HR^* | HX,RR2 | P500 | 197.2 | 14.7 | 0.0 | 33.9 | \$839.6 | 24 |
| Croplan | 6425VT3P | VT3P | C250 | 196.8 | 14.6 | 2.7 | 33.2 | \$838.4 | 25 |
| Kruger | K-6006VT3 | VT3 | C250 | 195.8 | 14.4 | 0.3 | 34.5 | \$835.1 | 26 |
| Dekalb | DKC57-50 | VT3 | P250 | 195.2 | 14.2 | 0.0 | 31.9 | \$833.5 | 27 |
| Croplan | 5415VT3P | VT3P | C250 | 194.9 | 14.0 | 0.0 | 33.2 | \$833.2 | 28 |
| NuTech | 1N-109 | CB/LL/RW | C250 | 194.8 | 14.4 | 0.0 | 34.5 | \$830.8 | 29 |
| Lewis | 1107VT3 | VT3 | P250 | 193.8 | 14.0 | 0.7 | 33.9 | \$828.5 | 30 |
| Great Lakes | 6069G3VT3 CK | VT3 | P250 | 189.9 | 14.0 | 1.7 | 31.2 | \$811.8 | 39 |
| Test Average = | | | | 190.1 | 14.4 | 0.4 | 34.2 | \$810.4 | |
| LSD (0.10) = | | | | 20.2 | 0.4 | 1.7 | | | |
| C.V. = | | | | 7.9 | 2.1 | | | | |

TEST COMMENTS: When a yield variance was noticeable in the 3rd rep, I asked Roger about it. He said, "It's like that everywhere this year. The combine monitor will be showing good yields, then it may just drop off. The low yielding corn looks normal except for poor ear development." Soil compaction, flooding, and/or high heat in late August? Lat: N39.52391, Long: W89.72377

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 West Central [ILWC]
 Roger Ladage, Macoupin County, IL 62690 [VIRDEN]

FULL SEASON TEST
111 - 114 Day CRM

PREV. CROP/HERB: Corn / Lexar, Callisto B01LWC10b
 SOIL DESCRIPTION: Virden silt loam, moderately drained, minimum w/ fall till, non-irrigated
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.9 pH, 3.6% OM
 PEST MANAGEMENT: Lexar 30" ROW SPACING
 FERTILITY - Applied N: 200 Spring,
 Applied N-P-K (units): 200-0-0
 SEEDING - RATE: May 7 36,300 /A TOP 30 OF 81 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 1 34,000 /A AVERAGE of (2) REPLICATIONS

| Company | Brand | Technology [†] | IST ^{††} | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|---------------|-------------------------|-------------------|---------------|---------------|--------------|-------------------|-------------------------|------|
| Channel | 214-14VT3P | VT3P | P250 | 235.3 | 15.9 | 2.0 | 36.9 | \$994.7 | 1 |
| Dekalb | DKC61-69 | VT3 | P250 | 224.3 | 14.2 | 8.5 | 30.9 | \$957.8 | 2 |
| AgriGold | A6533VT3 | VT3 | P250 | 222.9 | 15.4 | 0.5 | 36.8 | \$945.1 | 5 |
| Stone | 681-76VT3 | VT3 | P250 | 222.2 | 14.8 | 0.0 | 34.9 | \$945.5 | 4 |
| FS Seeds | FS63MV4 | VT3P | P250 | 221.9 | 15.5 | 0.5 | 33.9 | \$940.3 | 6 |
| Kruger | K-6411VT3 | VT3 | C250 | 221.8 | 14.2 | 0.0 | 28.9 | \$947.1 | 3 |
| NuTech | G2 5X-215^ | HXT,RR2 | C250 | 221.2 | 15.8 | 0.5 | 30.9 | \$935.7 | 7 |
| Great Heart | HT-171-3000GT | 3000GT | P250,V | 220.4 | 15.3 | 0.5 | 30.9 | \$935.0 | 8 |
| Channel | 213-32VT3 | VT3 | P250 | 220.1 | 15.6 | 0.5 | 34.9 | \$932.1 | 9 |
| FS Seeds | FS64JV3 | VT3 | P250 | 219.2 | 15.4 | 1.0 | 33.9 | \$929.4 | 12 |
| Horizon | 71PV08R | VT3 | P250 | 218.2 | 14.5 | 2.5 | 36.8 | \$930.1 | 10 |
| Gateway | 8812 | VT3 | C250 | 218.1 | 14.5 | 1.0 | 36.8 | \$929.7 | 11 |
| LG Seeds | LG2641VT3 | VT3 | P250 | 218.1 | 15.2 | 0.5 | 33.9 | \$925.8 | 13 |
| Lewis | 1011VT3 | VT3 | P250 | 216.5 | 14.8 | 2.5 | 33.9 | \$921.2 | 14 |
| AgriGold | A6553VT3 | VT3 | P250 | 214.8 | 14.6 | 0.0 | 35.8 | \$915.0 | 15 |
| LG Seeds | LG2620VT3 | VT3 | P250 | 213.6 | 14.9 | 2.0 | 36.8 | \$908.3 | 16 |
| Dekalb | DKC63-42 | VT3 | P250 | 212.2 | 14.8 | 0.0 | 32.9 | \$902.9 | 18 |
| FS Seeds | FS61BX1 | SS | P250 | 211.9 | 14.5 | 0.5 | 29.9 | \$903.2 | 17 |
| Kruger | K-1211RR | RR2 | P250 | 210.8 | 14.6 | 0.0 | 35.9 | \$898.0 | 19 |
| Beck | 5716A3 | 3000GT | P500 | 210.6 | 14.8 | 1.0 | 35.9 | \$896.1 | 21 |
| Gateway | 9812 | VT3 | P250 | 210.1 | 14.3 | 5.0 | 32.9 | \$896.6 | 20 |
| Dairyland | ST9414 | VT3 | P250 | 208.8 | 15.9 | 0.5 | 30.9 | \$882.7 | 24 |
| Great Heart | HT-212VT3 | VT3 | P250,V | 207.7 | 14.9 | 0.0 | 33.9 | \$883.2 | 23 |
| Croplan | 6286VT3P | VT3P | C250 | 207.4 | 14.4 | 0.5 | 34.9 | \$884.6 | 22 |
| AgriGold | A6632VT3Pro | VT3P | P250 | 206.4 | 14.9 | 0.0 | 35.9 | \$877.7 | 26 |
| Heritage | 4642VT3 | VT3 | P250 | 206.1 | 14.6 | 0.0 | 32.9 | \$878.0 | 25 |
| Garst | 84Y14-3000GT | 3000GT | C500 | 205.4 | 14.6 | 0.5 | 31.9 | \$875.0 | 27 |
| Stone | 6413VT3 | VT3 | P250 | 204.9 | 15.5 | 0.0 | 33.9 | \$868.3 | 28 |
| Garst | 83X61-3000GT | 3000GT | C500 | 203.6 | 15.6 | 0.0 | 34.9 | \$862.2 | 30 |
| NuTech | 3A-511A | RR2 | C250 | 202.9 | 14.5 | 4.5 | 35.9 | \$864.9 | 29 |
| Great Lakes | 6069G3VT3 CK | VT3 | P250 | 199.7 | 14.0 | 0.0 | 35.8 | \$853.7 | 37 |
| Test Average = | | | | 198.5 | 14.9 | 0.9 | 34.0 | \$844.0 | |
| LSD (0.10) = | | | | 21.5 | 0.6 | 3.8 | | | |
| C.V. = | | | | 6.6 | 2.5 | | | | |

TEST COMMENTS: *When a yield variance was noticeable in the 3rd rep, I asked Roger about it. He said, "It's like that everywhere this year. The combine monitor will be showing good yields, then it may just drop off. The low yielding corn looks normal except for poor ear development." Soil compaction, flooding, and/or high heat in late August?* Lat: N39.52391, Long: W89.72377

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 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

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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.
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- STS[®] is a registered trademark of E.I. DuPont Nemours & Co.
- Optimize[®] is a trademark of EMD Crop BioScience Inc.
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