



2010 BETTER HYBRIDS Harvest Report for Illinois North [ILNO]

Alan Dale, Bureau County, IL 61376 [WALNUT]

EARLY SEASON TEST

106 - 109 Day CRM

PREV. CROP/HERB: Soybean / Glyphos BOILNO18a
 SOIL DESCRIPTION: Waukegan silt loam, mod. well drained, strip-till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.4 pH, 3.5% OM
 PEST MANAGEMENT: Surestart, Impact, Force 30" ROW SPACING
 FERTILITY - Applied N: 147 Fall,
 Applied N-P-K (units): 147-8-10
 SEEDING - RATE: Apr 21 37,500 /A TOP 30 OF 81 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Sep 20 35,400 /A AVERAGE of (3) REPLICATIONS

| Company | Brand | Technology [†] | IST ^{††} | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|---------------|-------------------------|-------------------|------------|------------|-----------|----------------|----------------------|------|
| Garst | 85E98-3000GT | 3000GT | C500 | 237.4 | 19.2 | 1.0 | 37.2 | \$909.7 | 1 |
| Heritage | 4610VT3 | VT3 | P250 | 230.2 | 19.0 | 2.0 | 31.6 | \$884.0 | 2 |
| Beck | XL 5269HXR^* | HXT,RR2 | P500 | 227.2 | 19.5 | 3.0 | 33.5 | \$867.9 | 4 |
| NuTech | 3T-110 | VT3 | C250 | 226.1 | 18.4 | 4.0 | 35.3 | \$873.7 | 3 |
| Jung | 7755VT3 | VT3 | P250 | 222.6 | 19.5 | 3.7 | 35.3 | \$850.3 | 7 |
| Croplan | 6125VT3 | VT3 | C250 | 222.0 | 18.6 | 1.0 | 30.7 | \$856.0 | 5 |
| Mycogen | 2K592 | VT3 | C250 | 221.6 | 18.6 | 1.0 | 37.2 | \$854.5 | 6 |
| Great Lakes | 5643VT3PRO | VT3P | P250 | 221.0 | 19.3 | 1.0 | 35.3 | \$846.0 | 9 |
| NuTech | 1N-109 | CB/LL/RW | C250 | 220.8 | 19.0 | 1.0 | 38.1 | \$847.9 | 8 |
| Dyna-Gro | 57V40 | VT3 | P250 | 219.7 | 19.1 | 4.7 | 34.4 | \$842.8 | 10 |
| Steyer | 10903VT3P* | VT3P | P250 | 217.5 | 19.3 | 1.0 | 36.2 | \$832.6 | 13 |
| Jung | 7681VT3 | VT3 | P250 | 217.2 | 18.1 | 2.0 | 35.3 | \$841.9 | 11 |
| Beck | XL 5377HR^* | HX,RR2 | P500 | 216.8 | 18.8 | 4.7 | 39.0 | \$834.2 | 12 |
| Great Lakes | 5939G3VT3 | VT3 | P250 | 214.9 | 19.8 | 1.0 | 36.2 | \$818.3 | 19 |
| NuTech | G2 5X-909^ | HXT,RR2 | C250 | 214.4 | 19.7 | 2.0 | 36.2 | \$817.3 | 20 |
| LG Seeds | LG2549VT3 | VT3 | P250 | 213.8 | 19.3 | 2.0 | 36.2 | \$818.4 | 18 |
| Heritage | 4602VT3 | VT3 | P250 | 213.3 | 19.6 | 2.0 | 37.1 | \$814.0 | 22 |
| Croplan | 5757VT3 | VT3 | C250 | 212.7 | 17.8 | 6.0 | 36.2 | \$827.0 | 14 |
| Stone | 5908GSS | SS | P250 | 211.9 | 18.4 | 1.0 | 37.1 | \$818.8 | 16 |
| Dairyland | ST9206Q | HXT,RR2 | C250 | 211.9 | 19.7 | 1.0 | 36.2 | \$807.8 | 27 |
| NuTech | G2 5X-908^ | HXT,RR2 | C250 | 211.5 | 19.4 | 1.0 | 37.2 | \$808.8 | 26 |
| OMG | 4L42 | None | None | 211.1 | 19.7 | 3.0 | 38.1 | \$804.7 | 30 |
| Golden Harvest | H-8577 3000GT | 3000GT | C500 | 210.2 | 18.6 | 12.7 | 36.2 | \$810.5 | 25 |
| Beck | XL 5354HXR^ | HXT,RR2 | P500 | 210.1 | 19.0 | 1.0 | 33.4 | \$806.8 | 29 |
| Renk | RK744VT3 | VT3 | P250 | 209.9 | 17.5 | 3.0 | 36.2 | \$818.6 | 17 |
| FS Seeds | FS58SV3 | VT3 | P250 | 209.7 | 18.2 | 18.0 | 36.2 | \$812.0 | 23 |
| OMG | 4L15 | None | None | 209.4 | 17.7 | 1.0 | 34.4 | \$815.0 | 21 |
| Dekalb | DKC59-35 | VT3 | P250 | 208.5 | 18.7 | 1.0 | 38.1 | \$803.1 | 31 |
| Stone | 5603VT3 | VT3 | P250 | 207.4 | 17.2 | 2.0 | 34.4 | \$811.3 | 24 |
| AgriGold | A6384VT3Pro | VT3P | P250 | 207.0 | 17.5 | 1.0 | 32.5 | \$807.3 | 28 |
| Pioneer | P0916XR CK | HX,RR2 | P250 | 217.1 | 20.0 | 1.0 | 35.3 | \$825.0 | 15 |
| Test Average = | | | | 203.5 | 18.6 | 2.5 | 35.4 | \$784.6 | |
| LSD (0.10) = | | | | 17.9 | 1.1 | 6.9 | | | |
| C.V. = | | | | 6.5 | 4.6 | | | | |

TEST COMMENTS: This location got off to a great start, and received good rainfall for most of the early part of the season. Rainfall was short during July, but most hybrids pollinated well. There were some diseases, such as Anthracnose and Goss's wilt that affected plant health later in the growing season. Lat: N41.51754, Long: W89.71973

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.040 Price = \$4.00

[†] **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 North [ILNO]

Alan Dale, Bureau County, IL 61376 [WALNUT]

FULL SEASON TEST
110 - 113 Day CRM

BOILNO18b

 PREV. CROP/HERB: Soybean / Glyphos
 SOIL DESCRIPTION: Waukegan silt loam, mod. well drained, strip-till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.4 pH, 3.5% OM
 PEST MANAGEMENT: Surestart, Impact, Force
 FERTILITY - Applied N: 147 Fall,
 Applied N-P-K (units): 147-8-10

30" ROW SPACING

 SEEDED - RATE: Apr 21 37,500 /A
 HARVESTED - STAND: Sep 20 35,300 /A

TOP 30 OF 72 FOR GROSS INCOME (SORTED BY YIELD)

AVERAGE of (3) REPLICATIONS

| Company | Brand | Technology [†] | IST ^{††} | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|-----------------|---------------------|-------------------------|-------------------|---------------|---------------|--------------|-------------------|-------------------------|------|
| Dairyland | ST9410 | VT3 | C250 | 235.6 | 21.9 | 2.0 | 36.2 | \$877.4 | 3 |
| FS Seeds | FS61BX1 | SS | P250 | 232.1 | 19.9 | 2.0 | 37.1 | \$882.9 | 1 |
| LG Seeds | LG2620VT3 | VT3 | P250 | 231.8 | 20.1 | 2.0 | 36.2 | \$879.9 | 2 |
| Beck | 6179VT3 | VT3 | P500 | 231.0 | 20.8 | 1.0 | 33.5 | \$870.4 | 4 |
| Renk | RK844VT3 | VT3 | P250 | 230.6 | 21.2 | 1.0 | 37.1 | \$865.2 | 5 |
| Croplan | 6425VT3P | VT3P | C250 | 227.1 | 20.4 | 1.0 | 36.2 | \$859.3 | 6 |
| Cornelius | C664-3000GT | 3000GT | C250 | 224.8 | 21.7 | 1.0 | 37.2 | \$839.0 | 13 |
| Cornelius | C649VT3 | VT3 | P250 | 224.6 | 19.8 | 1.0 | 39.0 | \$855.3 | 7 |
| Croplan | 6463SS | SS | C250 | 224.5 | 20.9 | 1.0 | 33.5 | \$845.0 | 8 |
| Channel | 210-61VT3 | VT3 | P250 | 224.3 | 21.0 | 1.0 | 34.4 | \$843.4 | 9 |
| FS Seeds | FS60MV4 | VT3P | P250 | 224.2 | 21.1 | 1.0 | 37.2 | \$842.1 | 10 |
| YIELDirect | 6M15-VT3 | VT3 | C250 | 223.4 | 21.1 | 1.0 | 36.2 | \$839.1 | 12 |
| Fielders Choice | NG6759 GC | VT3 | P250 | 222.5 | 22.7 | 6.0 | 36.2 | \$821.5 | 25 |
| Merschman | Stine M-1012F-10 GC | VT3 | P500 | 221.4 | 20.1 | 22.0 | 35.3 | \$840.4 | 11 |
| Croplan | 6763VT3 | VT3 | C250 | 221.1 | 20.6 | 1.0 | 36.2 | \$834.9 | 15 |
| Beck | 5442VT3 | VT3 | P500 | 220.1 | 21.3 | 1.0 | 36.2 | \$824.9 | 21 |
| Renk | RK848VT3P | VT3P | P250 | 220.0 | 20.4 | 2.0 | 37.1 | \$832.5 | 16 |
| OMG | 5X111 | None | None | 220.0 | 20.7 | 2.0 | 35.3 | \$829.8 | 19 |
| Fielders Choice | NG6723 GC | VT3 | P250 | 219.7 | 19.8 | 2.0 | 34.4 | \$836.6 | 14 |
| Stine | 9728VT3Pro | VT3P | P250 | 219.3 | 21.3 | 2.0 | 35.3 | \$821.9 | 24 |
| Wyffels | W7071 | VT3 | P250 | 219.0 | 20.2 | 2.0 | 37.1 | \$830.4 | 17 |
| Heritage | 4676VT3 | VT3 | P250 | 218.9 | 21.0 | 1.0 | 32.5 | \$823.1 | 23 |
| Renk | RK829VT3 | VT3 | P250 | 218.5 | 20.7 | 1.0 | 36.2 | \$824.2 | 22 |
| Dekalb | DKC63-42 | VT3 | P250 | 218.0 | 19.8 | 2.0 | 32.6 | \$830.1 | 18 |
| Garst | 84J30-3000GT | 3000GT | C500 | 217.5 | 21.2 | 2.0 | 37.2 | \$816.1 | 28 |
| AgriGold | A6476VT3 | VT3 | P250 | 216.9 | 19.9 | 1.0 | 36.2 | \$825.1 | 20 |
| OMG | 6L39 | None | None | 216.3 | 20.1 | 1.0 | 33.4 | \$821.1 | 26 |
| Great Lakes | 6354G3VT3 | VT3 | P250 | 216.3 | 20.8 | 3.7 | 34.4 | \$815.0 | 29 |
| Dairyland | ST9313 | VT3 | C250 | 216.1 | 20.8 | 6.0 | 33.5 | \$814.3 | 30 |
| Trelay | 7VP745 | VT3P | P250 | 214.0 | 19.6 | 1.0 | 35.3 | \$816.6 | 27 |
| Pioneer | P0916XR CK | HX,RR2 | P250 | 212.0 | 20.4 | 1.0 | 35.3 | \$802.2 | 34 |
| Test Average = | | | | 212.9 | 20.7 | 2.2 | 35.3 | \$802.6 | |
| LSD (0.10) = | | | | 17.5 | 1.6 | 7.4 | | | |
| C.V. = | | | | 6.1 | 5.6 | | | | |

TEST COMMENTS: This location got off to a great start, and received good rainfall for most of the early part of the season.

Rainfall was short during July, but most hybrids pollinated well. There were some diseases, such as Anthracnose and Goss's wilt that affected plant health later in the growing season.

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.040 Price = \$4.00

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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

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

 Complete list of brands tested & searchable database available at www.firstseedtests.com

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Report Date: 9/21/2010

Revised:



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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