

2010 BETTER HYBRIDS Harvest Report for Illinois South [ILSO]
EARLY SEASON TEST

John (Don) Barttelbort, St.Clair County, IL 62224 [BELLEVILLE]

108 - 112 Day CRM

PREV. CROP/HERB: Soybean / Roundup B0ILSO17a
 SOIL DESCRIPTION: Muscatine silt loam, mod. poor drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.5 pH, 3.5% OM
 PEST MANAGEMENT: Force, Bicep II Magnum 30" ROW SPACING
 FERTILITY - Applied N: 160 Spring,
 Applied N-P-K (units): 160-0-0
 SEEDED - RATE: May 30 36,300 /A TOP 30 OF 54 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 15 34,900 /A AVERAGE of (3) REPLICATIONS

| Company | Brand | Technology [†] | IST ^{††} | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|-------------------------|-------------------------|-------------------|------------|------------|-----------|----------------|----------------------|------|
| Croplan | 6125VT3 | VT3 | C250 | 222.7 | 13.1 | 1.3 | 35.2 | \$957.1 | 1 |
| Great Lakes | 5939G3VT3 | VT3 | P250 | 221.9 | 13.0 | 0.3 | 33.2 | \$954.2 | 2 |
| LG Seeds | LG2555VT3 | VT3 | P250 | 219.5 | 12.9 | 0.7 | 35.8 | \$944.4 | 3 |
| Stone | 6013VT3 | VT3 | P250 | 215.5 | 13.1 | 0.3 | 34.5 | \$926.1 | 4 |
| Stone | 6204GVT3P | VT3P | P250 | 215.0 | 13.5 | 1.7 | 34.5 | \$921.8 | 5 |
| Great Heart | HT-200VT3P | VT3P | P250,V | 214.3 | 13.3 | 0.0 | 35.2 | \$919.9 | 7 |
| Wyffels | XW6927 | RR2 | P250 | 214.0 | 13.0 | 1.3 | 35.8 | \$920.2 | 6 |
| Croplan | 6463SS | SS | C250 | 213.4 | 13.2 | 0.0 | 33.9 | \$916.6 | 8 |
| LG Seeds | LG2549VT3 | VT3 | P250 | 213.0 | 13.1 | 0.0 | 34.5 | \$915.4 | 9 |
| Croplan | 6150VT3 | VT3 | C250 | 210.7 | 13.2 | 0.0 | 35.8 | \$905.0 | 10 |
| AgriGold | A6489VT3 | VT3 | P250 | 209.9 | 13.5 | 1.3 | 36.5 | \$899.9 | 11 |
| Beck | XL 6077HR ^{^*} | HX,RR2 | P500 | 209.4 | 13.3 | 0.0 | 33.9 | \$898.8 | 12 |
| Kruger | K-6010VT3 | VT3 | C250 | 209.1 | 13.1 | 0.0 | 35.2 | \$898.6 | 13 |
| Wyffels | W7071 | VT3 | P250 | 209.1 | 13.3 | 0.0 | 37.8 | \$897.6 | 15 |
| AgriGold | A6458VT3 | VT3 | P250 | 208.8 | 12.9 | 0.0 | 35.2 | \$898.4 | 14 |
| Heritage | 4690VT3 | VT3 | P250 | 206.9 | 13.3 | 0.0 | 38.5 | \$888.1 | 16 |
| Horizon | 70-32R | RR2 | P250 | 204.5 | 13.0 | 0.0 | 35.2 | \$879.4 | 17 |
| FS Seeds | FS62JV3 | VT3 | P250 | 204.3 | 13.3 | 0.0 | 34.5 | \$877.0 | 18 |
| Beck | 6179VT3 | VT3 | P500 | 204.0 | 13.1 | 0.0 | 31.9 | \$876.7 | 19 |
| Croplan | 6425VT3P | VT3P | C250 | 203.9 | 13.1 | 3.0 | 34.5 | \$876.3 | 20 |
| Garst | 84G70-3000GT | 3000GT | C500 | 203.9 | 13.3 | 1.3 | 33.9 | \$875.2 | 21 |
| Beck | 5442VT3 | VT3 | P500 | 203.3 | 13.2 | 0.0 | 35.2 | \$873.2 | 22 |
| Kruger | K-1211RR | RR2 | P250 | 203.2 | 13.4 | 0.3 | 33.9 | \$871.7 | 23 |
| Channel | 210-61VT3 | VT3 | P250 | 202.8 | 13.3 | 0.0 | 34.5 | \$870.5 | 24 |
| FS Seeds | FS60MV4 | VT3P | P250 | 201.3 | 13.2 | 0.0 | 36.5 | \$864.6 | 25 |
| Horizon | 71PR29R | VT3P | P250 | 201.3 | 13.4 | 1.3 | 35.8 | \$863.6 | 26 |
| Stone | 6223VT3 | VT3 | P250 | 200.3 | 13.2 | 1.3 | 34.5 | \$860.3 | 29 |
| Heritage | 4676VT3 | VT3 | P250 | 200.2 | 13.0 | 0.0 | 34.5 | \$860.9 | 28 |
| Stone | 681-76VT3 | VT3 | P250 | 199.8 | 13.2 | 0.0 | 35.2 | \$858.1 | 30 |
| AgriGold | A6476VT3 | VT3 | P250 | 199.5 | 13.2 | 0.0 | 35.8 | \$856.9 | 31 |
| Beck | 5716A3 CK | 3000GT | P500 | 200.6 | 13.1 | 0.3 | 33.2 | \$862.1 | 27 |
| Test Average = | | | | 200.0 | 13.2 | 0.4 | 34.9 | \$859.2 | |
| LSD (0.10) = | | | | 12.6 | 0.4 | 1.5 | | | |
| C.V. = | | | | 4.6 | 2.3 | | | | |

TEST COMMENTS: *This site's harvested grain had excellent kernel depth which contributed to great yields. Although lodging scores were minimal, stalk and root integrity were compromised. Strong winds could have impacted lodging dramatically. Don commented that rains came when needed, but the high heat (90+ degrees) was brutal.*
Lat: N38.5242, Long: W89.87166

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 South [ILSO]

John (Don) Barttelbort, St.Clair County, IL 62224 [BELLEVILLE]

FULL SEASON TEST
113 - 116 Day CRM

B0ILSO17b

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Muscatine silt loam, mod. poor drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.5 pH, 3.5% OM
 PEST MANAGEMENT: Force, Bicep II Magnum
 FERTILITY - Applied N: 160 Spring,
 Applied N-P-K (units): 160-0-0

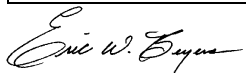
30" ROW SPACING

SEEDED - RATE: May 30 36,300 /A
 HARVESTED - STAND: Oct 15 34,800 /A

TOP 30 OF 60 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 |
|----------------|------------------|-------------------------|-------------------|---------------|---------------|--------------|-------------------|-------------------------|-----------|
| Stone | 6503VT3 | VT3 | P250 | 234.0 | 13.6 | 0.0 | 34.5 | \$1,002.7 | 1 |
| Dairyland | ST9414 | VT3 | P250 | 233.8 | 13.8 | 1.3 | 35.2 | \$1,000.7 | 2 |
| Great Lakes | 6455G3VT3 | VT3 | P250 | 230.3 | 13.6 | 0.3 | 34.5 | \$986.8 | 3 |
| Great Lakes | 6354G3VT3 | VT3 | P250 | 229.6 | 13.5 | 0.3 | 33.9 | \$984.4 | 4 |
| LG Seeds | LG2620VT3 | VT3 | P250 | 227.7 | 13.6 | 0.0 | 35.2 | \$975.7 | 5 |
| FS Seeds | FS66S21 | CB/LL | P250 | 226.2 | 14.4 | 0.3 | 34.5 | \$964.7 | 8 |
| Channel | 214-14VT3P | VT3P | P250 | 226.0 | 13.6 | 0.3 | 34.5 | \$968.4 | 6 |
| LG Seeds | LG2642VT3 | VT3 | P250 | 225.5 | 13.4 | 0.0 | 35.2 | \$967.4 | 7 |
| FS Seeds | FS65BV3 | VT3 | P250 | 224.4 | 13.2 | 0.0 | 35.8 | \$963.8 | 9 |
| AgriGold | A6632VT3Pro | VT3P | P250 | 223.5 | 13.4 | 0.0 | 34.5 | \$958.8 | 10 |
| Channel | 216-63VT3 | VT3 | P250 | 223.5 | 13.5 | 0.0 | 35.8 | \$958.3 | 11 |
| LG Seeds | LG2641VT3 | VT3 | P250 | 223.5 | 13.5 | 1.3 | 35.2 | \$958.3 | 12 |
| Dyna-Gro | 57V21 | VT3 | P250 | 223.3 | 13.4 | 3.0 | 35.8 | \$958.0 | 13 |
| AgriGold | A6533VT3 | VT3 | P250 | 219.7 | 13.5 | 0.0 | 37.8 | \$942.0 | 14 |
| Wyffels | W8681 | VT3 | P250 | 218.8 | 13.4 | 0.3 | 36.5 | \$938.7 | 15 |
| Horizon | 74PV37R | VT3 | P250 | 218.4 | 13.2 | 0.0 | 35.8 | \$938.0 | 16 |
| Croplan | 6926VT3P | VT3P | C250 | 217.4 | 13.7 | 0.3 | 37.8 | \$931.0 | 17 |
| Great Lakes | 6576G3VT3 | VT3 | P250 | 214.2 | 13.4 | 0.3 | 35.2 | \$918.9 | 18 |
| Merschman | M-1015B-15 | VT3P | P500 | 213.7 | 13.3 | 0.0 | 35.2 | \$917.3 | 19 |
| Dyna-Gro | 57V59 | VT3 | P250 | 213.5 | 13.3 | 0.3 | 35.2 | \$916.4 | 20 |
| Kruger | K-7614 | VT3P | P250 | 213.4 | 13.5 | 0.0 | 35.2 | \$915.0 | 21 |
| Wyffels | W9121 | VT3 | P250 | 212.5 | 13.7 | 0.0 | 33.2 | \$910.0 | 23 |
| Horizon | 74PR04R | VT3P | P250 | 212.4 | 13.3 | 0.0 | 33.2 | \$911.7 | 22 |
| Croplan | 6763VT3 | VT3 | C250 | 211.7 | 13.2 | 0.0 | 33.2 | \$909.3 | 24 |
| Channel | 213-32VT3 | VT3 | P250 | 211.6 | 13.3 | 0.0 | 34.5 | \$908.3 | 25 |
| Kruger | K-6214VT3 | VT3 | P250 | 211.4 | 13.4 | 0.0 | 32.6 | \$906.9 | 26 |
| Kruger | K-6213VT3 | VT3 | P250 | 211.1 | 13.4 | 0.3 | 33.9 | \$905.6 | 27 |
| FS Seeds | FS64JV3 | VT3 | P250 | 210.7 | 13.3 | 0.0 | 35.8 | \$904.4 | 28 |
| Wyffels | W8430 | RR2 | P250 | 210.4 | 13.5 | 0.0 | 32.6 | \$902.1 | 29 |
| Stine | 9806VT3 | VT3 | P250 | 210.0 | 13.4 | 0.0 | 35.8 | \$900.9 | 30 |
| Beck | 5716A3 CK | 3000GT | P500 | 205.9 | 13.2 | 0.0 | 35.8 | \$884.3 | 36 |
| Test Average = | | | | 209.7 | 13.4 | 0.2 | 34.8 | \$899.3 | |
| LSD (0.10) = | | | | 13.3 | 0.3 | 0.8 | | | |
| C.V. = | | | | 4.7 | 1.8 | | | | |


 F.I.R.S.T. Manager

TEST COMMENTS: *This site's harvested grain had excellent kernel depth which contributed to great yields. Although lodging scores were minimal, stalk and root integrity were compromised. Strong winds could have impacted lodging dramatically. Don commented that rains came when needed, but the high heat (90+ degrees) was brutal.*

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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

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

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Report Date: 10/17/2010

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 [™] |

Trademarks

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- LibertyLink[®], Poncho[®], Trilex[®], and Votivo[™] are trademarks of Bayer.
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- Optimize[®] is a trademark of EMD Crop BioScience Inc.
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