

**2010 BETTER HYBRIDS Harvest Report for Illinois South [ILSO]**  
 Don Polczynski, Perry County, IL 62832 [DU QUOIN]

**EARLY SEASON TEST**  
**108 - 112 Day CRM**

PREV. CROP/HERB: Soybean / Gramoxone, Roundup BOILSO18a  
 SOIL DESCRIPTION: Cisne clay loam, mod. poor drained, no-till, non-irrigated  
 SOIL CONDITIONS: Mod. High P, mod. high K, 7.5 pH, 1.9% OM  
 PEST MANAGEMENT: Force, Accent, Callisto 30" ROW SPACING  
 FERTILITY - Applied N: 187 Spring,  
 Applied N-P-K (units): 187-69-120  
 SEEDING - RATE: May 24 27,000 /A TOP 30 OF 54 FOR GROSS INCOME (SORTED BY YIELD)  
 HARVESTED - STAND: Oct 14 26,700 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology <sup>†</sup>	IST <sup>††</sup>	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Horizon	71PR29R	VT3P	P250	179.5	14.3	0.0	26.6	\$766.0	1
LG Seeds	LG2555VT3	VT3	P250	178.5	14.6	5.7	26.6	\$760.4	2
Great Lakes	5939G3VT3	VT3	P250	174.4	14.3	0.3	28.6	\$744.3	3
Stone	6223VT3	VT3	P250	171.5	14.7	0.0	25.2	\$730.2	4
Kruger	K-6010VT3	VT3	C250	170.6	14.7	0.0	25.2	\$726.3	5
FS Seeds	FS60MV4	VT3P	P250	169.1	14.3	3.0	27.2	\$721.6	6
Stine	9731VT3Pro	VT3P	P250	168.9	14.7	0.0	27.2	\$719.1	7
LG Seeds	LG2549VT3	VT3	P250	167.6	14.3	0.0	27.9	\$715.2	8
AgriGold	A6458VT3	VT3	P250	166.3	14.3	0.0	25.2	\$709.7	9
FS Seeds	FS62JV3	VT3	P250	166.3	15.0	0.0	29.2	\$706.8	11
Wyffels	W6871	VT3	P250	166.0	14.3	0.0	26.6	\$708.4	10
AgriGold	A6489VT3	VT3	P250	165.6	15.2	0.0	23.2	\$703.0	13
Croplan	6125VT3	VT3	C250	165.4	14.1	0.0	27.9	\$706.7	12
Heritage	4602VT3	VT3	P250	164.7	14.3	0.3	27.2	\$702.9	14
LG Seeds	LG2616VT3	VT3	P250	163.3	14.4	0.0	27.2	\$696.5	15
Kruger	K-6411VT3	VT3	C250	162.3	14.2	0.0	28.6	\$693.0	16
AgriGold	A6476VT3	VT3	P250	161.3	14.9	0.0	26.6	\$685.9	17
Beck	6288A3	3000GT	P500	161.0	15.2	0.0	25.9	\$683.4	19
Horizon	72A06Q	3000GT	P250	160.9	14.9	0.0	27.2	\$684.2	18
Croplan	6463SS	SS	C250	159.8	14.8	0.0	25.9	\$679.9	20
Croplan	6425VT3P	VT3P	C250	159.2	14.5	0.0	27.2	\$678.6	21
Croplan	6150VT3	VT3	C250	157.6	14.3	0.0	25.9	\$672.6	22
Heritage	4676VT3	VT3	P250	156.6	14.7	0.0	23.9	\$666.7	23
Beck	5442VT3	VT3	P500	154.3	14.3	0.0	24.6	\$658.5	25
Great Lakes	5783G3VT3	VT3	P250	154.1	14.0	0.0	27.9	\$658.8	24
Dyna-Gro	57V40	VT3	P250	154.1	14.3	0.0	25.2	\$657.6	26
Merschman	Stine M-1109D-10	VT3	P500	152.8	14.5	0.0	25.9	\$651.3	27
Stone	6204GVT3P	VT3P	P250	152.5	14.7	0.0	27.9	\$649.3	28
Stone	6013VT3	VT3	P250	152.1	14.4	0.0	23.2	\$648.7	29
Great Lakes	6229G3VT3	VT3	P250	152.1	14.5	0.0	26.6	\$648.3	30
Beck	5716A3 CK	3000GT	P500	149.2	14.9	0.0	26.6	\$634.5	33
Test Average =				152.8	14.6	0.6	26.7	\$651.1	
LSD (0.10) =				15.8	0.3	2.7			
C.V. =				7.6	1.6				

**TEST COMMENTS:** Site had excellent uniform seedling emergence, so plant populations were a little higher than normal.  
 Local elevator calculated a 60 lb test weight on the harvested grain. They were also checking for aflatoxins in the grain. Most  
 hybrid's kernel depth & quality was excellent, but a few experienced low kernel quality. Lat: N38.06834, Long: W89.18526

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

<sup>†</sup> **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

<sup>††</sup> **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](http://www.firstseedtests.com)

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Revised:

**2010 BETTER HYBRIDS Harvest Report for Illinois South [ ILSO ]**  
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**FULL SEASON TEST**  
**113 - 116 Day CRM**

 PREV. CROP/HERB: Soybean / Gramoxone, Roundup  
 SOIL DESCRIPTION: Cisne clay loam, mod. poor drained, no-till, non-irrigated  
 SOIL CONDITIONS: Mod. High P, mod. high K, 7.5 pH, 1.9% OM  
 PEST MANAGEMENT: Force, Accent, Callisto  
 FERTILITY - Applied N: 187 Spring,  
 Applied N-P-K (units): 187-69-120

B0ILSO18b

30" ROW SPACING

 SEEDING - RATE: May 24 27,000 /A  
 HARVESTED - STAND: Oct 14 27,400 /A

TOP 30 OF 60 FOR GROSS INCOME (SORTED BY YIELD)

AVERAGE of (3) REPLICATIONS

Company	Brand	Technology <sup>†</sup>	IST <sup>††</sup>	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Channel	213-32VT3	VT3	P250	175.2	15.6	0.0	27.2	\$742.0	1
FS Seeds	FS65U41	GT/CB/LL	P250	172.2	16.5	0.0	28.6	\$725.4	3
Stone	6413VT3	VT3	P250	171.8	15.6	0.0	27.9	\$727.6	2
Great Lakes	6354G3VT3	VT3	P250	170.3	15.5	0.0	29.2	\$721.6	4
AgriGold	A6533VT3	VT3	P250	170.3	15.7	0.0	25.9	\$720.8	5
Stone	6503VT3	VT3	P250	166.0	16.2	0.0	25.2	\$700.5	6
Great Lakes	6455G3VT3	VT3	P250	165.3	15.7	0.0	27.9	\$699.6	7
LG Seeds	LG2642VT3	VT3	P250	165.2	16.4	0.0	29.2	\$696.3	8
LG Seeds	LG2620VT3	VT3	P250	162.1	15.4	0.0	26.6	\$687.3	10
Kruger	K-6213VT3	VT3	P250	161.9	15.2	0.0	27.9	\$687.3	9
Channel	214-14VT3P	VT3P	P250	161.1	15.4	0.0	26.6	\$683.1	11
Great Lakes	6576G3VT3	VT3	P250	161.1	16.1	0.0	29.2	\$680.2	12
FS Seeds	FS64JV3	VT3	P250	160.0	15.1	0.0	27.2	\$679.6	13
Croplan	6763VT3	VT3	C250	159.9	15.1	0.0	29.9	\$679.2	14
Channel	216-63VT3	VT3	P250	158.6	16.8	0.0	27.9	\$666.9	15
Merschman	M-814B-10	VT3	P500	156.4	14.7	0.0	26.6	\$665.9	16
AgriGold	A6632VT3Pro	VT3P	P250	155.2	15.9	0.0	27.2	\$656.1	21
Kruger	K-6214VT3	VT3	P250	154.8	14.7	0.0	28.6	\$659.1	17
Dyna-Gro	57V21	VT3	P250	154.8	16.5	0.0	25.2	\$652.1	26
Stone	6304GVT3P	VT3P	P250	154.6	14.9	0.0	29.2	\$657.4	19
Horizon	73PR15R	VT3P	P250	154.6	15.1	0.3	26.6	\$656.7	20
Kruger	K-6116VT3	VT3	C250	154.5	14.7	0.0	25.9	\$657.8	18
Merschman	M-1015B-15	VT3P	P500	154.4	15.5	0.0	28.6	\$654.3	23
Stine	9806VT3	VT3	P250	154.4	16.1	0.0	30.6	\$652.0	27
Croplan	6926VT3P	VT3P	C250	154.2	14.9	0.0	27.9	\$655.7	22
Horizon	74A88Q	3000GT	P250	154.2	15.5	0.0	27.2	\$653.4	24
Kruger	K-7614	VT3P	P250	153.4	14.8	0.0	28.6	\$652.7	25
Dairyland	ST9414	VT3	P250	153.0	16.1	0.0	29.2	\$646.0	28
FS Seeds	FS65BV3	VT3	P250	152.8	16.3	0.0	25.9	\$644.4	30
Croplan	6286VT3P	VT3P	C250	152.0	15.4	0.0	27.9	\$644.5	29
Beck	5716A3 CK	3000GT	P500	151.6	15.1	0.0	27.9	\$643.9	31
Test Average =				148.1	15.6	0.2	27.4	\$627.3	
LSD (0.10) =				16.5	0.9	n.s.			
C.V. =				8.2	4.4				

**TEST COMMENTS:** Site had excellent uniform seedling emergence, so plant populations were a little higher than normal. Local elevator calculated a 60 lb test weight on the harvested grain. They were also checking for aflatoxins in the grain. Most hybrid's kernel depth & quality was excellent, but a few experienced low kernel quality. Lat: N38.06834, Long: W89.18526

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 Complete list of brands tested & searchable database available at [www.firstseedtests.com](http://www.firstseedtests.com)

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Revised:



## Footnotes, Abbreviations, and Trademarks

### Brand Footnotes

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

### Technologies

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

### Seed Treatments

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

### Trademarks

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- LibertyLink<sup>®</sup>, Poncho<sup>®</sup>, Trilex<sup>®</sup>, and Votivo<sup>™</sup> are trademarks of Bayer.
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