

**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 BOILSO17a  
 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 <sup>†</sup>	IST <sup>††</sup>	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 <sup>^*</sup>	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 &amp; 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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Report Date: 10/17/2010

Revised:

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

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

**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 <sup>†</sup>	IST <sup>††</sup>	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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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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- Herculex<sup>®</sup> is a trademark of Dow AgroSciences LLC.
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