

**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  
 SEEDED - 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 <sup>†</sup>	IST <sup>††</sup>	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Garst	85E98-3000GT	3000GT	C500	<b>237.4</b>	19.2	1.0	37.2	\$909.7	1
Heritage	4610VT3	VT3	P250	<b>230.2</b>	19.0	2.0	31.6	\$884.0	2
Beck	XL 5269HXR^*	HXT,RR2	P500	<b>227.2</b>	19.5	3.0	33.5	\$867.9	4
NuTech	3T-110	VT3	C250	<b>226.1</b>	18.4	4.0	35.3	\$873.7	3
Jung	7755VT3	VT3	P250	<b>222.6</b>	19.5	3.7	35.3	\$850.3	7
Croplan	6125VT3	VT3	C250	<b>222.0</b>	18.6	1.0	30.7	\$856.0	5
Mycogen	2K592	VT3	C250	<b>221.6</b>	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 =				<b>203.5</b>	<b>18.6</b>	<b>2.5</b>	<b>35.4</b>	<b>\$784.6</b>	
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
<sup>†</sup> <b>TECHNOLOGY:</b> 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. <b>Bold</b> yields are significantly above test average. <b>Italicized</b> brands exceed the grain moisture limit for this test. <b>GC</b> = grower chosen product, * = brands without a seed lot number <b>ns</b> = not significantly different				

**2010 BETTER HYBRIDS Harvest Report for Illinois North [ ILNO ]**

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**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 <sup>†</sup>	IST <sup>††</sup>	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dairyland	ST9410	VT3	C250	<b>235.6</b>	21.9	2.0	36.2	\$877.4	3
FS Seeds	FS61BX1	SS	P250	<b>232.1</b>	19.9	2.0	37.1	\$882.9	1
LG Seeds	LG2620VT3	VT3	P250	<b>231.8</b>	20.1	2.0	36.2	\$879.9	2
Beck	6179VT3	VT3	P500	<b>231.0</b>	20.8	1.0	33.5	\$870.4	4
Renk	RK844VT3	VT3	P250	<b>230.6</b>	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
<b>Pioneer</b>	<b>P0916XR CK</b>	<b>HX,RR2</b>	<b>P250</b>	<b>212.0</b>	<b>20.4</b>	<b>1.0</b>	<b>35.3</b>	<b>\$802.2</b>	<b>34</b>
Test Average =				<b>212.9</b>	<b>20.7</b>	<b>2.2</b>	<b>35.3</b>	<b>\$802.6</b>	
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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 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: 9/21/2010

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.
- Escalate<sup>™</sup> is a trademark of Beck's Superior Hybrids
- Herculex<sup>®</sup> is a trademark of Dow AgroSciences LLC.
- STS<sup>®</sup> is a registered trademark of E.I. DuPont Nemours & Co.
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