

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

Steve Drendel, DeKalb County, IL 60150 [ MALTA ]

**EARLY SEASON TEST**
**106 - 109 Day CRM**

PREV. CROP/HERB: Corn, 2+ yr / Balance Pro, Northstar BOILNO14a  
 SOIL DESCRIPTION: Flanagan silty clay loam, well drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITIONS: High P, high K, 6.2 pH, 4% OM  
 PEST MANAGEMENT: Lumax, Northstar, Headline, Force 30" ROW SPACING  
 FERTILITY - Applied N: 140 Fall, 60 Spring,  
 Applied N-P-K (units): 200-0-120  
 SEEDED - RATE: Apr 21 37,500 /A TOP 30 OF 81 FOR GROSS INCOME (SORTED BY YIELD)  
 HARVESTED - STAND: Sep 25 34,500 /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
Dyna-Gro	57V40	VT3	P250	<b>240.2</b>	22.2	3.7	32.5	\$891.6	1
Kruger	K-6107VT3	VT3	C250	<b>235.3</b>	21.4	1.0	35.3	\$881.0	2
Croplan	5415VT3P	VT3P	C250	<b>232.5</b>	20.6	2.0	35.3	\$877.9	3
Jung	7681VT3	VT3	P250	<b>231.7</b>	20.9	2.0	38.1	\$872.1	4
Trelay	7VP164	VT3P	P250	<b>231.2</b>	21.5	4.7	35.3	\$864.7	5
Heritage	4610VT3	VT3	P250	<b>228.4</b>	21.2	1.0	32.6	\$857.0	6
LG Seeds	LG2549VT3	VT3	P250	<b>228.2</b>	21.6	1.0	34.4	\$852.6	7
NuTech	G2 5X-908^	HXT,RR2	C250	<b>228.1</b>	22.2	1.0	35.3	\$846.7	10
NuTech	G2 5X-909^	HXT,RR2	C250	<b>226.8</b>	22.5	1.0	33.5	\$839.2	14
NuTech	3T-110	VT3	C250	<b>226.7</b>	21.4	7.3	38.1	\$848.8	9
Mycogen	2K592	VT3	C250	<b>224.6</b>	20.1	2.0	33.5	\$852.6	8
Beck	XL 5269HXR^*	HXT,RR2	P500	<b>224.5</b>	21.0	2.0	35.3	\$844.1	12
Heritage	4602VT3	VT3	P250	<b>223.7</b>	21.7	2.0	33.5	\$834.8	16
Jung	7V635	VT3P	P250	223.1	20.3	5.7	37.1	\$845.1	11
AgriGold	A6458VT3	VT3	P250	223.1	22.5	1.0	37.1	\$825.5	20
NuTech	3T-810	VT3	C250	221.0	24.0	2.0	33.5	\$804.4	30
Garst	85E98-3000GT	3000GT	C500	220.2	21.1	3.0	34.4	\$827.1	19
AgriGold	A6389VT3	VT3	P250	219.7	19.3	4.7	37.2	\$841.0	13
Trelay	6ST576	SS	P250	219.5	19.6	2.0	32.6	\$837.6	15
Dekalb	DKC59-35	VT3	P250	218.8	21.3	1.0	34.4	\$820.1	24
Great Lakes	5643VT3PRO	VT3P	P250	217.9	21.5	2.0	30.7	\$814.9	27
Renk	RK744VT3	VT3	P250	217.6	20.4	5.7	36.2	\$823.4	21
NuTech	G2 5X-411^	HXT,RR2	C250	217.5	21.2	2.0	34.4	\$816.1	25
AgriGold	A6384VT3Pro	VT3P	P250	217.4	19.7	2.0	33.5	\$828.7	17
Mycogen	2D692	SS	C250	217.2	22.5	1.0	35.3	\$803.6	31
LG Seeds	LG2529VT3Pro	VT3P	P250	217.0	19.7	3.0	34.4	\$827.2	18
Stone	5603VT3	VT3	P250	215.8	19.9	1.0	31.6	\$820.9	22
Stine	9531VT3Pro	VT3P	P250	215.1	20.2	1.0	37.2	\$815.7	26
Dyna-Gro	V4993VT3	VT3	P250	213.2	19.9	2.0	31.6	\$811.0	28
OMG	4L92	None	None	213.1	20.4	5.7	35.3	\$806.4	29
Pioneer	P0916XR CK	HX,RR2	P250	219.8	21.7	1.0	34.4	\$820.3	23
Test Average =				<b>208.7</b>	<b>20.9</b>	<b>3.1</b>	<b>34.5</b>	<b>\$785.9</b>	
LSD (0.10) =				14.9	1.3	3.5			
C.V. =				5.3	4.6				

**TEST COMMENTS:** Diseases such as Anthracnose, Gray leaf spot, & Goss's wilt were all present at this location. All scores for lodging represent stalk lodging. Received ample amounts of rainfall early in the season, stressing some hybrids that don't like wet feet. Most hybrids had good kernel size and depth.

Lat: N41.8451, Long: W88.88662

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

<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: 9/26/2010

Revised:

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

Steve Drendel, DeKalb County, IL 60150 [ MALTA ]

**FULL SEASON TEST**
**110 - 113 Day CRM**

BOILNO14b

PREV. CROP/HERB: Corn, 2+ yr / Balance Pro, Northstar  
 SOIL DESCRIPTION: Flanagan silty clay loam, well drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITIONS: High P, high K, 6.2 pH, 4% OM  
 PEST MANAGEMENT: Lumax, Northstar, Headline, Force  
 FERTILITY - Applied N: 140 Fall, 60 Spring,  
 Applied N-P-K (units): 200-0-120

30" ROW SPACING

SEEDED - RATE: Apr 21 37,500 /A  
 HARVESTED - STAND: Sep 25 33,800 /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
OMG	6L39	None	None	<b>246.8</b>	23.4	1.0	37.1	\$904.3	1
Great Lakes	6354G3VT3	VT3	P250	<b>238.6</b>	23.3	2.0	31.6	\$875.2	4
Trelay	7T630	VT3	P250	<b>237.7</b>	21.8	3.0	33.5	\$886.1	2
Wyffels	W6871	VT3	P250	<b>237.0</b>	22.7	5.7	35.3	\$875.0	5
Beck	5442VT3	VT3	P500	<b>234.9</b>	22.4	3.7	34.4	\$870.1	7
Kruger	K-6010VT3	VT3	C250	<b>233.8</b>	22.1	3.7	35.3	\$868.8	8
Stine	9731VT3Pro	VT3P	P250	<b>233.4</b>	20.9	4.7	36.2	\$878.5	3
Renk	RK880SSTX	SS	P250	<b>232.8</b>	21.3	3.0	33.5	\$872.5	6
Cornelius	C664-3000GT	3000GT	C250	<b>232.3</b>	22.3	1.0	33.5	\$861.4	9
Channel	210-61VT3	VT3	P250	230.4	22.4	3.7	32.6	\$853.4	11
NuTech	G2 5X-512^	HXT,RR2	C250	230.3	22.5	1.0	28.8	\$852.1	12
AgriGold	A6533VT3	VT3	P250	228.5	23.1	1.0	36.2	\$840.0	15
Mycogen	2H735	RR2	C250	227.7	21.0	1.0	33.5	\$856.2	10
LG Seeds	LG2620VT3	VT3	P250	227.7	23.1	3.7	37.2	\$837.0	18
NuTech	3U-113	VT2	P250	227.5	24.3	13.7	36.2	\$825.4	23
Beck	XL 6077HR^*	HX,RR2	P500	225.5	21.0	1.0	37.1	\$847.9	13
Heritage	4620VT3	VT3	P250	225.0	23.0	2.0	36.2	\$828.0	20
FS Seeds	FS61BX1	SS	P250	224.4	21.4	1.0	33.5	\$840.2	14
Dekalb	DKC63-42	VT3	P250	222.8	22.4	3.7	36.2	\$825.3	24
Steyer	11002-3000GT	3000GT	C250	222.3	21.1	1.0	33.5	\$835.0	19
Fielders Choice	NG6759 GC	VT3	P250	221.9	20.6	12.0	38.1	\$837.9	17
Dekalb	DKC61-69	VT3	P250	221.7	20.3	3.0	35.3	\$839.8	16
LG Seeds	LG2555VT3 GC	VT3	P250	221.7	22.7	1.0	29.8	\$818.5	26
Merschman	Stine M-911C-10	VT3	P500	221.6	22.0	2.0	35.3	\$824.4	25
Croplan	6525VT3	VT3	C250	221.5	21.8	2.0	37.1	\$825.8	21
Channel	209-77VT3	VT3	P250	220.0	21.2	2.0	35.3	\$825.4	22
AgriGold	A6476VT3	VT3	P250	219.8	22.4	2.0	28.8	\$814.1	29
Great Lakes	6229G3VT3	VT3	P250	218.9	21.6	4.7	35.3	\$817.8	27
Garst	84J30-3000GT	3000GT	C500	218.1	22.0	1.0	34.4	\$811.3	30
Heritage	4642VT3	VT3	P250	217.0	20.9	2.0	31.6	\$816.8	28
Pioneer	P0916XR CK	HX,RR2	P250	214.3	22.5	1.0	31.6	\$792.9	43
Test Average =				<b>215.1</b>	<b>22.0</b>	<b>2.9</b>	<b>33.8</b>	<b>\$800.1</b>	
LSD (0.10) =				17.1	1.4	3.1			
C.V. =				5.9	4.8				

**TEST COMMENTS:** Diseases such as Anthracnose, Gray leaf spot, & Goss's wilt were all present at this location. All scores for lodging represent stalk lodging. Received ample amounts of rainfall early in the season, stressing some hybrids that don't like wet feet. Most hybrids had good kernel size and depth.

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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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## 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

- Excalibre<sup>™</sup> is a trademark of Advanced Biological Marketing
- 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.
- STS<sup>®</sup> is a registered trademark of E.I. DuPont Nemours & Co.
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