

**2010 BETTER HYBRIDS Harvest Report for Iowa East Central [ IAEC ]**  
 Jim Greif, Linn County, IA 52310 [ CENTRAL CITY ]

**EARLY SEASON TEST**  
**105 - 110 Day CRM**

PREV. CROP/HERB: Soybean / Roundup BOIAEC25a  
 SOIL DESCRIPTION: Kenyon loam, well drained, minimum-till, non-irrigated  
 SOIL CONDITIONS: High P, high K, 6.6 pH, 6.2% OM  
 PEST MANAGEMENT: Impact, Status, Force 30" ROW SPACING  
 FERTILITY - Applied N: 18 Fall, 60 Spring, 100 Sidedress,  
 Applied N-P-K (units): 178-46-90  
 SEEDING - RATE: May 5 34,000 /A TOP 30 OF 72 FOR GROSS INCOME (SORTED BY YIELD)  
 HARVESTED - STAND: Oct 13 32,900 /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
Garst	85E98-3000GT GC	3000GT	C500	202.4	16.7	1.0	33.8	\$996.5	2
Kruger	K-6107VT3	VT3	C250	201.7	15.8	2.0	33.8	\$1,001.2	1
Stone	6N52VT3	VT3	P250	201.0	16.2	1.0	31.9	\$994.1	4
Garst	85V88-3000GT GC	3000GT	C500	200.6	15.9	1.0	32.4	\$994.9	3
Dekalb	DKC58-83 GC	VT3P	P250	200.4	16.2	1.0	32.9	\$991.2	5
AgriGold	A6458VT3	VT3	P250	198.2	16.4	1.0	34.8	\$978.5	8
AgriGold	A6384VT3Pro	VT3P	P250	197.6	15.0	1.0	35.8	\$988.0	6
Trelay	7VP164	VT3P	P250	197.1	15.2	1.0	33.4	\$983.7	7
LG Seeds	LG2549VT3	VT3	P250	196.7	16.4	1.0	34.8	\$971.1	11
NuTech	3A-710	GT	C250	196.1	15.6	1.0	33.8	\$975.2	9
Merschman	Stine M-1109D-10	VT3	P500	195.9	15.8	1.0	33.4	\$972.4	10
NuTech	1N-109	CB/LL/RW	C250	194.7	16.0	1.0	32.9	\$964.7	12
Channel	209-77VT3	VT3	P250	194.0	15.9	1.0	33.9	\$962.1	13
Channel	208-72VT3	VT3	P250	194.0	16.2	1.0	30.9	\$959.5	15
Kruger	K-6010VT3	VT3	C250	194.0	16.4	1.0	32.9	\$957.8	17
NuTech	G2 5X-908^	HXT,RR2	C250	194.0	16.6	1.0	35.3	\$956.0	19
Renk	RK744VT3	VT3	P250	192.8	15.3	1.0	31.9	\$961.4	14
Kruger	K-6006VT3	VT3	C250	192.3	15.5	1.0	32.9	\$957.2	18
LG Seeds	LG2525RR2	RR2	P250	191.8	15.1	1.0	31.9	\$958.1	16
NuTech	3T-110	VT3	C250	191.8	16.9	1.0	30.0	\$942.6	25
Stine	9731VT3Pro	VT3P	P250	191.4	16.1	1.0	31.9	\$947.5	23
NuTech	G2 5X-909^	HXT,RR2	C250	191.2	16.9	1.0	32.4	\$939.7	28
Channel	209-19VT3	VT3	P250	190.9	15.8	1.0	31.9	\$947.6	22
Fontanelle	7V625	VT3P	P250	190.6	15.6	1.0	35.3	\$947.9	21
Lewis	1107VT3	VT3	P250	190.3	15.2	1.0	31.4	\$949.8	20
Wyffels	W6261	VT3	P250	190.3	15.9	1.0	32.9	\$943.8	24
Wyffels	W6871	VT3	P250	190.3	16.6	1.0	29.5	\$937.8	30
Renze	1300VT3	VT3	C250	190.0	16.2	1.0	33.9	\$939.7	29
Kruger	K-6408VT3	VT3	P250	189.5	15.9	1.0	33.8	\$939.8	27
Great Lakes	5211GS	SS	P250	188.8	15.2	1.0	31.9	\$942.3	26
Pioneer	P1184XR CK	HXT,RR2	P250	186.0	16.8	1.0	33.8	\$914.9	41
Test Average =				183.4	15.9	1.0	32.9	\$909.6	
LSD (0.10) =				15.0	0.9	0.5			
C.V. =				6.1	4.2				

**TEST COMMENTS:** *This test location provided very consistent uniform results. The field was well drained to minimize the impact of excessive rainfall this season. Plants were medium height and showed a light infestation of leaf disease and Anthracnose. Ears developed good sized kernels. Plant quality was deteriorating fast as ear retention was weak.* Lat: N42.242, Long: W91.44241

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.045 Price = \$5.00

<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

**2010 BETTER HYBRIDS Harvest Report for Iowa East Central [ IAEC ]**

Jim Greif, Linn County, IA 52310 [ CENTRAL CITY ]

**FULL SEASON TEST**
**111 - 114 Day CRM**

B0IAEC25b

 PREV. CROP/HERB: Soybean / Roundup  
 SOIL DESCRIPTION: Kenyon loam, well drained, minimum-till, non-irrigated  
 SOIL CONDITIONS: High P, high K, 6.6 pH, 6.2% OM  
 PEST MANAGEMENT: Impact, Status, Force  
 FERTILITY - Applied N: 18 Fall, 60 Spring, 100 Sidedress,  
 Applied N-P-K (units): 178-46-90

30" ROW SPACING

 SEEDED - RATE: May 5 34,000 /A  
 HARVESTED - STAND: Oct 13 33,900 /A

**TOP 30 OF 54 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
Kruger	K-7614	VT3P	P250	207.5	17.7	1.0	31.9	\$1,012.3	2
Dyna-Gro	D52VP20*	VT3P	P250	206.6	16.6	1.0	33.4	\$1,018.1	1
Trelay	8T468	VT3	P250	206.0	17.0	1.0	33.8	\$1,011.5	3
Stine	9806VT3Pro	VT3P	P250	205.1	18.7	1.0	34.8	\$991.4	11
Fontanelle	8V437	VT3P	P250	205.0	17.8	1.0	31.4	\$999.2	7
Renze	1340VT3	VT3	C250	204.2	16.7	1.0	32.9	\$1,005.4	5
Kruger	K-1211RR	RR2	P250	204.0	16.7	1.0	33.8	\$1,004.4	6
Renk	RK848VT3P	VT3P	P250	203.2	15.9	1.0	34.4	\$1,007.8	4
LG Seeds	LG2620VT3	VT3	P250	202.5	18.2	1.0	32.9	\$983.3	17
Renze	1399VT3	VT3	C250	202.4	16.7	1.0	33.8	\$996.5	9
Mycogen	2H735	RR2	C250	202.2	16.9	1.0	35.8	\$993.7	10
Dyna-Gro	57V38	VT3	P250	202.1	17.1	1.0	33.8	\$991.4	12
Lewis	1011VT3	VT3	P250	201.8	17.0	1.0	32.9	\$990.8	13
Trelay	7VP745	VT3P	P250	201.7	16.3	1.0	35.8	\$996.7	8
Stone	7N88VT3	VT3	P250	201.5	17.2	2.0	32.9	\$987.6	15
Dyna-Gro	57V40	VT3	P250	200.7	17.3	1.0	30.0	\$982.7	18
Merschman	Stine M-1012F-10	VT3	P500	200.6	16.7	1.0	32.9	\$987.7	14
FS Seeds	FS63MV4	VT3P	P250	200.5	17.7	1.0	35.8	\$978.1	19
AgriGold	A6553VT3	VT3	P250	200.3	17.6	1.0	33.8	\$978.1	20
Cornelius	C636VT3	VT3	C250	200.2	16.5	1.0	32.9	\$987.5	16
LG Seeds	LG2641VT3	VT3	P250	200.1	17.8	1.0	35.3	\$975.3	21
Great Lakes	6455G3VT3	VT3	P250	199.5	18.0	1.0	33.4	\$970.6	24
AgriGold	A6476VT3	VT3	P250	198.0	16.9	1.0	31.9	\$973.1	23
Renk	RK880SSTX	SS	P250	197.7	16.7	1.0	32.9	\$973.4	22
Channel	214-14VT3P	VT3P	P250	197.5	17.4	2.0	33.8	\$966.2	25
LG Seeds	LG2616VT3	VT3	P250	196.5	17.1	1.0	34.3	\$963.9	26
Kruger	K-6213VT3	VT3	P250	196.1	17.3	1.0	33.8	\$960.2	27
Merschman	Stine M-1011G-10	VT3	P500	195.4	17.0	1.0	35.3	\$959.4	28
Stine	9730VT3Pro	VT3P	P250	195.0	17.6	9.0	33.4	\$952.2	29
Renk	RK844VT3	VT3	P250	191.4	16.0	1.0	36.8	\$948.4	30
Pioneer	P1184XR CK	HXT,RR2	P250	184.6	16.7	1.0	32.9	\$908.9	44
Test Average =				194.0	17.1	1.5	33.9	\$951.8	
LSD (0.10) =				13.3	0.9	3.0			
C.V. =				5.0	3.8				

**TEST COMMENTS:** *This test location provided very consistent uniform results. The field was well drained to minimize the impact of excessive rainfall this season. Plants were medium height and showed a light infestation of leaf disease and Anthracnose. Ears developed good sized kernels. Plant quality was deteriorating fast as ear retention was weak.* Lat: N42.242, Long: W91.44241

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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: 10/21/2010

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.
- Optimize<sup>®</sup> is a trademark of EMD Crop BioScience Inc.
- Acceleron<sup>®</sup>, Genuity<sup>®</sup>, Roundup Ready<sup>®</sup>, Roundup Ready 2 Yield<sup>®</sup>, SmartStax<sup>™</sup>, VT Double PRO<sup>™</sup>, VT Triple PRO<sup>™</sup>, YieldGard<sup>®</sup>, YieldGard VT Rootworm/RR2<sup>™</sup>, and YieldGard VT Triple<sup>®</sup> are trademarks of Monsanto Technology LLC.
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