

**2011 BETTER HYBRIDS Harvest Report for Iowa East Central [ IAEC ]**

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

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

B11AEC25a

PREV. CROP/HERB: Soybean / Sonic, Cobra  
 SOIL DESCRIPTION: Kenyon loam, well drained, no-till, non-irrigated  
 SOIL CONDITION: Moderate P, moderate K, 6.9 pH, 6% OM  
 PEST MANAGEMENT: Warrior, Guardsman Max, Impact  
 FERTILITY - Applied N: 150 Spring, 40 Sidedress,  
 Applied N-P-K (units): 190-70-120

30" ROW SPACING

SEEDED - RATE: May 7 35,100 /A  
 HARVESTED - STAND: Oct 18 36,400 /A

**TOP 30 OF 63 FOR GROSS INCOME (SORTED BY YIELD)**

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology <sup>†</sup>	IST <sup>††</sup>	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LG Seeds	LG2555VT3	VT3	P500,V	110	<b>220.3</b>	20.0	81.0	36.8	1,382.4	1
Dyna-Gro	57V40	VT3	P250	110	<b>217.2</b>	21.3	37.7	34.8	1,355.9	2
AgriGold	A6458VT3	VT3	P500,V	110	210.3	20.8	29.7	34.8	1,315.4	3
LG Seeds	LG2529VT3Pro	VT3P	P500,V	107	202.8	18.3	30.0	32.9	1,281.2	4
Stine	9731VT3Pro*	VT3P	C250	110	202.0	20.2	48.7	36.8	1,266.5	6
AgriGold	A6384VT3Pro	VT3P	P500,V	106	201.7	18.3	46.0	35.8	1,274.2	5
Great Lakes	5939G3VT3	VT3	P500,V	109	201.5	20.4	27.7	34.8	1,262.4	7
Cornelius	C459SS	STX	C250	105	199.8	19.3	35.0	33.9	1,257.2	8
LG Seeds	LG2549VT3	VT3	P500,V	109	199.2	20.3	36.7	36.8	1,248.5	10
Cornelius	C582VT3P	VT3P	C250	109	199.0	19.0	54.0	37.8	1,253.7	9
FS Seeds	FS 58MV4	VT3P	C250	108	198.6	20.5	13.7	37.8	1,243.7	12
Pfister	2570SS	STX	C250,AV	110	198.4	19.9	59.0	39.8	1,245.5	11
AgriGold	A6476VT3Pro	VT3P	P500,V	110	197.3	19.0	81.0	37.8	1,243.0	14
Wyffels	W5077	VT3P	P250	107	195.9	18.3	18.7	35.8	1,237.6	15
Lewis	1009SS	STX	P500,V	109	195.6	19.2	51.7	35.8	1,231.3	16
Fontanelle	7A631	STX	P250	110	195.5	20.2	75.3	36.8	1,225.8	18
Steyer	11002	3000GT	C250	110	195.3	19.8	81.0	33.8	1,226.5	17
Dairyland	ST-9210SSX	STX	C250	110	194.2	20.9	49.7	36.8	1,214.2	22
LG Seeds	LG2544VT3	VT3	P500,V	108	193.2	19.0	81.0	38.8	1,217.2	20
Dyna-Gro	V4993VT3	VT3	P250	109	192.7	18.7	40.7	33.8	1,215.5	21
G2 Genetics	5H-0701^	HX,RR2	C250	106	192.7	18.1	11.0	34.8	1,218.3	19
Steyer	10903	VT3P	P250	109	192.3	19.9	56.7	36.8	1,207.2	24
Wyffels	W6871	VT3	P250	110	191.9	20.1	55.3	36.8	1,203.7	25
Stine	9532VT3Pro*	VT3P	C250	106	191.8	18.8	54.0	38.8	1,209.3	23
Trelay	6VT823	VT3	P500,V	107	189.9	19.6	56.7	35.8	1,193.5	26
FS Seeds	FS 60TV4	VT3P	C250	110	189.2	18.9	81.0	34.8	1,192.4	27
Channel	210-57STX	STX	P500,V	110	188.8	19.5	48.7	34.8	1,187.1	28
FS Seeds	FS 56TV4	VT3P	C250	106	187.0	18.7	44.7	36.8	1,179.5	29
Cornelius	C594VT3P	VT3P	P250	109	186.7	19.1	62.3	36.8	1,175.7	30
Dyna-Gro	D45VC90	VT2P	P250	105	186.2	18.5	20.3	35.8	1,175.4	31
<b>Pioneer</b>	<b>P1292AM1 CK</b>	<b>HXT,RR2</b>	<b>C250</b>	<b>112</b>	<b>198.0</b>	<b>19.8</b>	<b>56.7</b>	<b>33.9</b>	<b>1,243.4</b>	<b>13</b>
Test Average =					<b>183.4</b>	<b>19.2</b>	<b>54.2</b>	<b>36.4</b>	<b>1,154.1</b>	
LSD (0.10) =					27.0	1.0	25.1			
C.V. =					10.9	4.0				

F.I.R.S.T. Manager

**TEST COMMENTS:** A major wind storm lodged this plot at the roots just prior to harvest. Some green snap could also be seen throughout the test. Lodging scores reflect both stalk issues. Yield variability was impacted by stalk quality issues. The stalks were starting to get weak fast. Ear shanks were also very weak. Ears had very good pollination and large kernels here.

Lat: N42.36139, Long: W-91.48556

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$6.40

<sup>†</sup> TECHNOLOGY: **Corn Borer** - 3000GT, 3111, CB, HX, HXT, STX, VT2P, VT3, VT3P; **Corn Rootworm** - 3000GT, 3111, AMRW, HXT, RW, STX, VT3, VT3P; **Glyphosate** - 3000GT, 3111, GT, RR2, STX, VT2P, VT3, VT3P; **Liberty** - 3000GT, 3111, HX, HXT, LL, STX

<sup>††</sup> IST: **AV** - Avicta, **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 comparison product, \* = brands without a seed lot number; **ns** = not significantly different

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

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Report Date: 10/19/2011

Revised:

**2011 BETTER HYBRIDS Harvest Report for Iowa East Central [ IAEC ]**

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

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

B1IAEC25b

PREV. CROP/HERB: Soybean / Sonic, Cobra  
 SOIL DESCRIPTION: Kenyon loam, well drained, no-till, non-irrigated  
 SOIL CONDITIONS: Moderate P, moderate K, 6.9 pH, 6% OM  
 PEST MANAGEMENT: Warrior, Guardsman Max, Impact  
 FERTILITY - Applied N: 150 Spring, 40 Sidedress,  
 Applied N-P-K (units): 190-70-120

30" ROW SPACING

SEEDED - RATE: May 7 35,100 /A  
 HARVESTED - STAND: Oct 18 35,800 /A

**TOP 30 OF 63 FOR GROSS INCOME (SORTED BY YIELD)**

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology <sup>†</sup>	IST <sup>††</sup>	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LG Seeds	LG2602VT3	VT3	P500,V	112	<b>214.2</b>	20.8	81.0	34.8	1,339.8	1
Stine	9732VT3Pro*	VT3P	C250	112	<b>206.6</b>	22.0	43.0	32.9	1,286.1	2
Cornelius	C646VT3P	VT3P	P250	112	<b>205.3</b>	20.8	64.7	34.9	1,284.2	3
Great Lakes	6232G3VT3	VT3	P500,V	112	202.1	20.5	38.3	38.8	1,265.7	4
Renk	RK880SSTX	STX	P250	112	199.7	19.7	75.3	35.8	1,254.6	5
Great Lakes	6354G3VT3	VT3	P500,V	113	196.8	19.1	48.0	36.8	1,239.3	6
Renze	2370HXT/LL/RR2*	HXT,RR2	C250	113	194.5	21.2	41.7	36.8	1,214.7	8
LG Seeds	LG2636VT3	VT3	P500,V	114	191.8	21.5	69.7	35.8	1,196.4	10
Kruger	K-7211	VT3P	P500,V	111	190.8	19.1	70.3	33.8	1,201.6	9
FS Seeds	FS 64JV3	VT3	C250	114	190.7	21.3	51.3	36.8	1,190.4	11
AgriGold	A6573VT3	VT3	P500,V	114	188.7	21.9	59.7	35.8	1,175.1	14
Channel	211-99VT3P	VT3P	P500,V	111	188.6	19.0	75.3	34.8	1,188.2	12
Wyffels	W7147	VT3P	P250	111	188.1	20.5	81.0	35.8	1,178.0	13
LG Seeds	LG2620VT3	VT3	P500,V	113	186.8	20.9	69.7	36.8	1,168.0	15
Dairyland	ST-9111SSX	STX	C250	111	186.8	21.6	51.7	34.8	1,164.7	17
NuTech	5V-514*	3111	C250	114	186.4	21.7	35.3	35.8	1,161.7	18
Cornelius	C728VT3P	VT3P	P250	113	185.8	20.0	66.0	33.9	1,165.9	16
G2 Genetics	5X-1301^*	HXT,RR2	P1250,V	113	184.8	20.8	59.3	36.8	1,155.9	20
Trelay	7ST637	STX	P500,V	110	184.2	19.3	53.7	34.8	1,159.1	19
FS Seeds	FS 63MV4	VT3P	C250	113	183.4	21.3	70.3	37.8	1,144.9	21
Renze	2332HXT/LL/RR2	HXT,RR2	C250	111	179.9	21.5	44.7	33.8	1,122.1	22
AgriGold	A6533VT3	VT3	P500,V	113	179.1	21.0	40.7	35.8	1,119.4	24
Pfister	2574HXTR	HXT,RR2	C250,AV	110	178.8	21.5	81.0	37.8	1,115.3	25
FS Seeds	FS 61BX1	STX	C250	111	178.3	19.7	33.7	41.8	1,120.2	23
AgriGold	A6553VT3	VT3	P500,V	113	177.9	20.9	81.0	35.8	1,112.3	26
Channel	214-14VT3P	VT3P	P500,V	114	176.5	19.5	59.7	37.8	1,109.7	27
Fielders Choice	NG6789	VT3	P250	113	175.8	20.6	43.0	36.8	1,100.5	29
Lewis	1113SS	STX	P500,V	113	175.6	21.6	36.7	35.8	1,094.9	30
Cornelius	C623VT3P	VT3P	P250	110	175.4	19.3	75.3	36.8	1,103.7	28
Pioneer	P1498HR GC	HX,RR2	P1250,V	114	174.1	20.9	75.3	33.8	1,088.6	31
Pioneer	P1292AM1 CK	HXT,RR2	C250	112	194.2	20.4	75.3	35.8	1,216.7	7
Test Average =					<b>169.6</b>	<b>20.5</b>	<b>59.3</b>	<b>35.8</b>	<b>1,062.2</b>	
LSD (0.10) =					33.4	1.4	27.1			
C.V. =					14.5	4.9				

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** A major wind storm lodged this plot at the roots just prior to harvest. Some green snap could also be seen throughout the test. Lodging scores reflect both stalk issues. Yield variability was impacted by stalk quality issues. The stalks were starting to get weak fast. Ear shanks were also very weak. Ears had very good pollination and large kernels here.

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<sup>††</sup> IST: AV - Avicta, C - Cruiser, P - Poncho, 250, 500, and 1250 = 0.25, 0.5, and 1.25 g ai/seed, respectively; V - Votivo

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Revised:



## Footnotes, Abbreviations, and Trademarks

### Brand Footnotes

^G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doeblers PA Seed. Supreme EX® brand seed is distributed by Seed Consultants, Inc. XL™ and Phoenix™ brand seeds are distributed by Beck's Superior Hybrids. G2®, RPM®, Supreme EX®, and XL™ are trademarks of Pioneer Hi-Bred.

### Technologies

3000GT	Agrisure® 3000GT
3111	Agrisure® Viptera™ 3111
AMRW	Optimum® AcreMax™ Rootworm Protection
CB/LL	Agrisure® CB/LL
CB/LL/RW	Agrisure® CB/LL/RW
GT	Agrisure® GT
GT/CB/LL	Agrisure® GT/CB/LL
HX	HERCULEX® I Insect Protection
HXT	HERCULEX® XTRA Insect Protection
LL	LibertyLink® herbicide tolerance
RR	Roundup Ready® Soybeans
RR2	Roundup Ready® Corn 2
RR2Y	Genuity® Roundup Ready 2 Yield®
STX	SmartStax®
STS	STS® herbicide tolerance
VT2P	Genuity® VT Double PRO™
VT3	YieldGard VT Triple®
VT3P	Genuity® VT Triple PRO™

### Seed Treatments

A	Allegiance®
AC	Acceleron®
AM	ApronMaxx®
AP	Apron XL®
AV	Avicta®
C	Cruiser®
CM	CruiserMaxx®
E	Excalibre™
I	Inovate™ System
G	Gaicho®
O	Optimize®
P	Poncho®
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
V	VOTIVO®

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