

**2011 BETTER HYBRIDS Harvest Report for Iowa West Central [ IAWC ]**

Brandon McHugh, Harrison County, IA 51529 [ DUNLAP ]

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

B1IAWC37a

PREV. CROP/HERB: Soybean / SureStart, Glyphosate  
 SOIL DESCRIPTION: Monona silt loam, moderately drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITION: High P, high K, 6.5 pH, 4.2% OM  
 PEST MANAGEMENT: SureStart, Glyphosate  
 FERTILITY - Applied N: 164 Fall,  
 Applied N-P-K (units): 164-0-0

30" ROW SPACING

SEEDED - RATE: Apr 29 35,100 /A  
 HARVESTED - STAND: Oct 23 34,400 /A

**TOP 30 OF 54 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>213.2</b>	16.1	5.7	33.9	1,358.6	1
Producers	7014VT3	VT3	P500,V	110	<b>212.6</b>	15.7	1.0	37.8	1,356.9	2
AgriGold	A6458VT3	VT3	P500,V	110	<b>211.3</b>	15.9	4.7	36.8	1,347.6	3
FS Seeds	FS 60TV4	VT3P	C250	110	<b>205.5</b>	15.9	12.7	36.8	1,310.6	4
LG Seeds	LG2549VT3	VT3	P500,V	109	<b>205.5</b>	16.1	3.0	30.9	1,309.5	5
Kruger	K-6408VT3	VT3	P500,V	108	<b>204.0</b>	15.2	51.0	34.8	1,304.6	6
Great Lakes	5939G3VT3	VT3	P500,V	109	<b>203.9</b>	15.9	4.7	33.8	1,300.4	7
Channel	210-57STX	STX	P500,V	110	<b>201.2</b>	15.8	1.0	38.8	1,283.7	8
Garst	85E98-3000GT GC	3000GT	C250	109	<b>200.1</b>	15.8	2.0	35.8	1,276.6	9
Channel	210-44VT2P	VT2P	P500,V	110	198.5	15.6	31.3	37.8	1,267.4	10
FS Seeds	FS 58MV4	VT3P	C250	108	197.5	15.8	9.7	33.9	1,260.1	11
Fielders Choice	NG6710	VT3P	P250	108	195.5	15.0	2.0	34.8	1,251.2	12
Dekalb	DKC59-35 GC	VT3	P250	109	195.9	15.9	2.0	26.9	1,249.4	13
Channel	209-85VT3P	VT3P	P500,V	109	195.5	15.4	25.0	32.9	1,249.2	14
Kruger	K4-9205	STX	P500,V	105	195.1	15.0	2.0	34.8	1,248.6	15
Great Lakes	5643VT3PRO	VT3P	P500,V	106	194.1	14.8	9.7	35.8	1,242.2	16
Titan Pro	X81A12GL	GT	C250	111	194.7	16.5	32.7	34.8	1,238.8	17
Renk	RK818VT3P	VT3P	P250	108	194.4	16.1	9.7	36.8	1,238.8	18
Fielders Choice	NG6705	STX	P250	108	193.4	15.6	14.0	34.8	1,234.9	19
G2 Genetics	5F-1201^	HXT,RR2	P1250,V	112	194.1	16.6	1.0	35.8	1,234.5	20
Kruger	K4-9710	STX	P500,V	110	192.8	15.8	1.0	32.9	1,230.1	21
Renk	RK741VT3P	VT3P	P250	108	191.8	14.9	1.0	35.8	1,227.5	22
Fielders Choice	NG6723	VT3	P250	110	191.9	15.6	19.7	36.9	1,225.3	23
G2 Genetics	5H-0601^	HX,RR2	P1250,V	106	191.8	15.7	1.0	32.9	1,224.2	24
Stine	9531VT3Pro*	VT3P	C250	107	192.1	16.3	32.0	35.8	1,223.2	25
NuTech	5N-1004*	3000GT	C250	110	191.2	15.7	1.0	33.9	1,220.3	26
Dyna-Gro	V4993VT3	VT3	P250	109	190.0	14.9	3.0	33.9	1,216.0	27
FS Seeds	FS 56TV4	VT3P	C250	106	188.9	15.1	3.0	35.8	1,208.5	28
LG Seeds	LG2529VT3Pro	VT3P	P500,V	107	187.7	15.2	22.0	34.8	1,200.3	29
Wyffels	W4267	VT3P	P250	105	187.0	15.3	13.7	34.8	1,195.4	30
<b>Pioneer</b>	<b>P1292AM1 CK</b>	<b>HXT,RR2</b>	<b>C250</b>	<b>112</b>	<b>176.3</b>	<b>16.8</b>	<b>1.0</b>	<b>35.8</b>	<b>1,120.4</b>	<b>43</b>
Test Average =					<b>186.6</b>	<b>15.6</b>	<b>14.1</b>	<b>34.4</b>	<b>1,191.5</b>	
LSD (0.10) =					13.3	0.2	18.6			
C.V. =					5.3	1.0				

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** This plot was well matured by harvest. Most of the stalks were dry and standing well. The plot did receive some early season wind as green snap remnants were seen. Some gray leaf spot noted. Lodging scores reflect stalks lodging. Hot and dry conditions after pollination set this plot back. Monthly rainfall was 6 inches in each May, June, and August, 3.5" in July. Lat: N41.85917, Long: W-95.78083

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 q 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: 10/25/2011

Revised:

**2011 BETTER HYBRIDS Harvest Report for Iowa West Central [ IAWC ]**

Brandon McHugh, Harrison County, IA 51529 [ DUNLAP ]

**FULL SEASON TEST**

111 - 114 Day CRM

B1IAWC37b

PREV. CROP/HERB: Soybean / SureStart, Glyphosate  
 SOIL DESCRIPTION: Monona silt loam, moderately drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITIONS: High P, high K, 6.5 pH, 4.2% OM  
 PEST MANAGEMENT: SureStart, Glyphosate  
 FERTILITY - Applied N: 164 Fall,  
 Applied N-P-K (units): 164-0-0

30" ROW SPACING

SEEDED - RATE: Apr 29 35,100 /A  
 HARVESTED - STAND: Oct 23 35,000 /A

TOP 30 OF 45 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	222.2	16.7	3.7	33.9	1,412.6	1
AgriGold	A6553VT3	VT3	P500,V	113	220.3	17.2	3.7	34.8	1,397.8	3
Channel	212-17VT3P	VT3P	P500,V	112	219.7	16.1	1.0	37.9	1,400.0	2
Producers	7224VT3	VT3	P500,V	112	216.2	16.8	6.0	30.9	1,374.0	4
Kruger	K-7211	VT3P	P500,V	111	215.1	16.0	2.0	36.8	1,371.3	5
LG Seeds	LG2620VT3	VT3	P500,V	113	213.5	16.8	1.0	32.9	1,356.8	6
Great Lakes	6354G3VT3	VT3	P500,V	113	213.2	16.9	1.0	30.9	1,354.4	7
AgriGold	A6533VT3	VT3	P500,V	113	212.7	16.9	1.0	28.9	1,351.2	8
Titan Pro	80A13GLV	3111	C250	113	210.5	16.4	1.0	34.9	1,339.8	9
Great Lakes	6232G3VT3	VT3	P500,V	112	210.4	16.4	3.7	38.8	1,339.2	10
Garst	83R38-3000GT GC	3000GT	C250	113	209.9	16.7	5.7	33.9	1,334.4	12
Kruger	K-7312	VT3P	P500,V	112	209.3	15.7	1.0	35.9	1,335.9	11
Producers	7394VT3	VT3	P500,V	113	209.3	16.9	1.0	35.8	1,329.6	13
Dekalb	DKC62-97 GC	VT3P	P250	112	207.1	16.4	1.0	35.8	1,318.2	14
G2 Genetics	5H-013A*	HX,RR2	P1250,V	113	204.8	16.3	1.0	34.8	1,304.1	15
G2 Genetics	5H-712A*	HX,RR2	P1250,V	112	203.3	16.6	1.0	38.8	1,293.0	16
Wyffels	W7997	VT3P	P250	113	203.1	16.5	2.0	35.8	1,292.2	17
AgriGold	A6573VT3	VT3	P500,V	114	201.4	17.5	1.0	37.8	1,276.4	19
Dekalb	DKC63-84 GC	VT3	P250	113	201.2	15.8	1.0	33.9	1,283.7	18
NuTech	5V-514*	3111	C250	114	200.2	16.4	2.0	32.9	1,274.3	20
LG Seeds	LG2636VT3	VT3	P500,V	114	199.7	17.2	1.0	41.8	1,267.1	22
Channel	211-99VT3P	VT3P	P500,V	111	199.4	15.6	5.7	39.8	1,273.2	21
Renze	2332HXT/LL/RR2	HXT,RR2	C250	111	196.5	15.9	3.0	34.8	1,253.2	23
FS Seeds	FS 64JV3	VT3	C250	114	195.4	16.3	1.0	34.9	1,244.2	24
Channel	214-14VT3P	VT3P	P500,V	114	194.0	16.1	1.0	36.8	1,236.3	25
Wyffels	W7147	VT3P	P250	111	193.6	16.0	6.0	30.9	1,234.2	26
Stine	9732VT3Pro*	VT3P	C250	112	193.5	16.9	11.0	34.8	1,229.2	27
FS Seeds	FS 61BX1	STX	C250	111	190.3	15.6	5.7	33.9	1,215.1	28
Garst	84H71-3000GT GC	3000GT	C250	112	188.6	16.6	19.7	36.8	1,199.5	30
Dekalb	DKC64-69 GC	VT3P	P250	114	188.1	15.8	1.0	38.8	1,200.1	29
Pioneer	P1292AM1 CK	HXT,RR2	C250	112	183.7	16.6	1.0	36.8	1,168.3	33
Test Average =					194.1	16.4	3.9	35.0	1,235.3	
LSD (0.10) =					19.6	0.7	12.0			
C.V. =					7.4	3.1				

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** This plot was well matured by harvest. Most of the stalks were dry and standing well. The plot did receive some early season wind as green snap remnants were seen. Some gray leaf spot noted. Lodging scores reflect stalks lodging. Hot and dry conditions after pollination set this plot back. Monthly rainfall was 6 inches in each May, June, and August, 3.5" in July. Lat: N41.85917, Long: W-95.78083

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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

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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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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