

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

Jason Krause, Story County, IA 50244 [SLATER]

EARLY SEASON TEST
105 - 110 Day CRM

B1IAWC42a

PREV. CROP/HERB: Soybean / Dual II Magnum, Glyphosate Xtra
 SOIL DESCRIPTION: Nicollet loam, moderately drained, no-till, non-irrigated
 SOIL CONDITION: Mod. High P, mod. high K, 6.9 pH, 4% OM
 PEST MANAGEMENT: Dual II Magnum, Durango DMA
 FERTILITY - Applied N: 137 Fall, 11 Spring,
 Applied N-P-K (units): 148-50-109

30" ROW SPACING

SEEDED - RATE: May 5 35,100 /A
 HARVESTED - STAND: Oct 24 34,900 /A

TOP 30 OF 54 FOR GROSS INCOME (SORTED BY YIELD)

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LG Seeds	LG2555VT3	VT3	P500,V	110	182.4	16.0	81.0	35.8	1,162.8	1
Kruger	K4-9710	STX	P500,V	110	173.4	15.5	81.0	32.9	1,107.6	2
Dyna-Gro	V4993VT3	VT3	P250	109	169.9	14.9	81.0	37.8	1,087.4	3
Producers	7014VT3	VT3	P500,V	110	169.4	15.3	81.0	35.8	1,082.9	4
Channel	209-85VT3P	VT3P	P500,V	109	165.3	15.2	81.0	32.9	1,057.1	5
Dekalb	DKC59-35 GC	VT3	P250	109	164.9	15.4	81.0	32.9	1,053.7	6
G2 Genetics	5H-0601^	HX,RR2	P1250,V	106	164.4	14.9	81.0	33.9	1,052.2	7
Dyna-Gro	57V40	VT3	P250	110	162.4	16.6	81.0	34.9	1,032.9	8
FS Seeds	FS 56TV4	VT3P	C250	106	161.1	14.9	81.0	34.9	1,031.0	9
G2 Genetics	5F-1201^	HXT,RR2	P1250,V	112	159.9	16.4	81.0	36.8	1,017.8	11
AgriGold	A6458VT3	VT3	P500,V	110	159.5	15.4	81.0	31.9	1,019.2	10
Great Lakes	5939G3VT3	VT3	P500,V	109	158.2	14.7	81.0	33.9	1,012.5	12
Titan Pro	X81A12GL	GT	C250	111	157.6	16.5	81.0	35.8	1,002.7	13
Pioneer	P0832AM1 GC	HXT,RR2	C250	108	156.8	15.6	81.0	35.8	1,001.2	15
NuTech	5N-1004*	3000GT	C250	110	156.2	15.9	81.0	36.8	996.2	17
LG Seeds	LG2549VT3	VT3	P500,V	109	156.0	15.5	81.0	33.9	996.5	16
Channel	210-44VT2P	VT2P	P500,V	110	155.6	16.4	81.0	36.8	990.4	18
G2 Genetics	5X-909^*	HXT,RR2	C250	109	155.1	16.2	81.0	35.8	988.0	19
Wyffels	W5077	VT3P	P250	107	153.6	14.9	81.0	36.8	983.0	20
Kruger	K-6408VT3	VT3	P500,V	108	153.4	15.2	81.0	36.8	981.0	22
LG Seeds	LG2544VT3	VT3	P500,V	108	153.3	15.0	81.0	33.8	981.1	21
G2 Genetics	5H-1001^	HX,RR2	P1250,V	110	153.1	15.9	81.0	33.8	976.4	23
Wyffels	W6871	VT3	P250	110	153.1	16.0	81.0	33.9	976.0	24
Renk	RK818VT3P	VT3P	P250	108	152.4	15.8	81.0	35.8	972.3	26
Kruger	K4-9205	STX	P500,V	105	152.3	14.8	81.0	35.8	974.7	25
LG Seeds	LG2529VT3Pro	VT3P	P500,V	107	151.7	14.6	81.0	35.8	970.9	27
Garst	85E98-3000GT GC	3000GT	C250	109	150.4	15.4	81.0	31.9	961.1	28
Channel	210-57STX	STX	P500,V	110	148.0	15.1	81.0	36.8	946.8	29
Producers	6694VT3Pro	VT3P	P250	106	148.0	15.4	81.0	38.8	945.7	30
Garst	85V88-3000GT GC	3000GT	C250	107	147.5	16.2	81.0	32.9	939.6	31
Pioneer	P1292AM1 CK	HXT,RR2	C250	112	157.6	16.7	81.0	35.8	1,001.9	14
Test Average =					149.3	15.3	81.0	34.9	953.6	
LSD (0.10) =					15.8	0.5	0.0			
C.V. =					7.8	2.5				

F.I.R.S.T. Manager

TEST COMMENTS: This plot was hit by strong winds just before pollination causing severe root lodging. Plants quickly recovered and goose necked upward. Ears were very short with small diameter. The plot received a large amount of rain early then turned hot. Despite the lodging, stalks held up well. Minor amounts of foliar disease and occasional green snap noted.

Lat: N41.86327, Long: W-93.67303

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

[†] 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

^{††} 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

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Report Date: 10/25/2011

Revised:

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

Jason Krause, Story County, IA 50244 [SLATER]

FULL SEASON TEST
111 - 114 Day CRM

B1IAWC42b

PREV. CROP/HERB: Soybean / Dual II Magnum, Glyphosate Xtra
 SOIL DESCRIPTION: Nicollet loam, moderately drained, no-till, non-irrigated
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.9 pH, 4% OM
 PEST MANAGEMENT: Dual II Magnum, Durango DMA
 FERTILITY - Applied N: 137 Fall, 11 Spring,
 Applied N-P-K (units): 148-50-109

30" ROW SPACING

SEEDED - RATE: May 5 35,100 /A
 HARVESTED - STAND: Oct 24 34,900 /A

TOP 30 OF 45 FOR GROSS INCOME (SORTED BY YIELD)

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
G2 Genetics	5H-712^*	HX,RR2	P1250,V	112	181.1	16.3	27.0	32.9	1,153.2	1
Producers	7394VT3	VT3	P500,V	113	180.1	17.0	27.0	35.8	1,143.6	2
FS Seeds	FS 63MV4	VT3P	C250	113	175.7	16.1	27.0	33.9	1,119.6	3
Pioneer	P1151HR GC	HX,RR2	C250	111	174.8	16.8	27.0	33.9	1,110.9	4
Garst	83R38-3000GT GC	3000GT	C250	113	172.0	17.6	0.0	32.8	1,089.6	6
AgriGold	A6533VT3	VT3	P500,V	113	171.4	16.6	0.0	34.8	1,090.1	5
LG Seeds	LG2620VT3	VT3	P500,V	113	169.9	16.6	0.0	32.9	1,080.6	7
Renk	RK858VT3P	VT3P	P250	112	169.2	15.9	27.0	35.8	1,079.1	8
Channel	214-14VT3P	VT3P	P500,V	114	165.4	15.9	0.0	35.8	1,054.8	9
AgriGold	A6573VT3	VT3	P500,V	114	164.7	17.8	0.0	34.8	1,042.6	16
Channel	212-17VT3P	VT3P	P500,V	112	164.4	15.9	0.0	34.8	1,048.5	10
AgriGold	A6553VT3	VT3	P500,V	113	164.2	17.0	0.0	34.8	1,042.7	14
Channel	212-08VT3P	VT3P	P500,V	112	163.9	15.8	0.0	36.8	1,045.7	12
FS Seeds	FS 64JV3	VT3	C250	114	163.9	16.3	0.0	35.8	1,043.6	13
Dekalb	DKC63-84 GC	VT3	P250	113	163.7	15.3	27.0	38.8	1,046.5	11
Kruger	K-7211	VT3P	P500,V	111	163.5	16.0	27.0	35.8	1,042.3	17
Wyffels	W7147	VT3P	P250	111	163.3	15.6	27.0	36.8	1,042.7	15
Dekalb	DKC62-97 GC	VT3P	P250	112	162.5	16.0	0.0	37.8	1,035.9	18
G2 Genetics	5H-013^*	HX,RR2	P1250,V	113	161.6	16.0	0.0	36.8	1,030.2	19
Great Lakes	6354G3VT3	VT3	P500,V	113	160.3	17.1	27.0	27.9	1,017.5	20
Garst	84H71-3000GT GC	3000GT	C250	112	159.6	16.4	0.0	35.8	1,015.9	22
Great Lakes	6232G3VT3	VT3	P500,V	112	159.5	16.2	0.0	34.8	1,016.0	21
Titan Pro	80A13GLV	3111	C250	113	159.0	16.3	0.0	34.8	1,012.4	23
LG Seeds	LG2636VT3	VT3	P500,V	114	159.0	16.8	0.0	32.9	1,010.4	24
Renze	2332HXT/LL/RR2	HXT,RR2	C250	111	157.9	15.9	0.0	35.8	1,007.0	25
G2 Genetics	5X-411^*	HXT,RR2	C250	111	156.5	17.1	0.0	33.9	993.4	27
Producers	7224VT3	VT3	P500,V	112	155.9	16.1	27.0	34.8	993.5	26
LG Seeds	LG2602VT3	VT3	P500,V	112	155.7	16.6	27.0	40.8	990.3	28
Wyffels	W7997	VT3P	P250	113	155.2	16.3	0.0	31.9	988.2	30
Renk	RK880SSTX	STX	P250	112	155.1	16.1	0.0	36.8	988.4	29
Pioneer	P1292AM1 CK	HXT,RR2	C250	112	141.4	16.8	0.0	31.9	898.6	41
Test Average =					157.9	16.3	10.8	34.9	1,005.6	
LSD (0.10) =					16.5	0.6	32.3			
C.V. =					7.7	2.5				


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TEST COMMENTS: This plot was hit by strong winds just before pollination causing severe root lodging. Plants quickly recovered and goose necked upward. Ears were very short with small diameter. The plot received a large amount of rain early then turned hot. Despite the lodging, stalks held up well. Minor amounts of foliar disease and occasional green snap noted.

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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 comparison product, * = brands without a seed lot number, **ns** = not significantly different

 Complete brands tested list & searchable database available at www.firstseedtests.com

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Report Date: 10/25/2011

Revised:

Footnotes, Abbreviations, and Trademarks

Brand Footnotes

^G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doebler's 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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