

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

Mike Erdman, Madison County, IA 50273 [WINTERSET]

EARLY SEASON TEST
105 - 110 Day CRM

B1IAWC41a

 PREV. CROP/HERB: Soybean / Extreme, Glyphosate, Headline
 SOIL DESCRIPTION: Sharpsburg silty clay loam, well drained, no-till, non-irrigated
 SOIL CONDITION: High P, high K, 6 pH, 4.5% OM
 PEST MANAGEMENT: Steadfast, Callisto, Aatrex, Force
 FERTILITY - Applied N: 123 Fall,
 Applied N-P-K (units): 123-0-0

30" ROW SPACING

 SEEDED - RATE: May 10 35,100 /A
 HARVESTED - STAND: Oct 11 34,800 /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
FS Seeds	FS 58MV4	VT3P	C250	108	153.8	17.0	22.0	36.8	976.6	2
FS Seeds	FS 56TV4	VT3P	C250	106	153.4	15.7	36.0	36.8	979.1	1
Wyffels	W5077	VT3P	P250	107	151.3	15.8	12.7	35.8	965.3	3
Renk	RK741VT3P	VT3P	P250	108	149.1	16.0	27.0	34.8	950.5	4
Wyffels	W6871	VT3	P250	110	148.8	17.9	33.7	35.8	941.5	7
AgriGold	A6384VT3Pro	VT3P	P500,V	106	148.7	16.0	36.7	34.8	948.0	5
G2 Genetics	5F-1201^	HXT,RR2	P1250,V	112	148.6	17.6	39.0	32.9	941.4	8
Dyna-Gro	V4993VT3	VT3	P250	109	148.4	16.2	11.7	34.8	945.3	6
Dyna-Gro	D45VC90	VT2P	P250	105	148.1	17.2	8.7	34.8	939.7	10
Kruger	K-7907	VT3P	P500,V	107	147.4	15.7	3.0	33.9	940.8	9
Fielders Choice	NG6710	VT3P	P250	108	146.6	15.3	33.7	33.8	937.1	11
NuTech	5N-1004*	3000GT	C250	110	146.5	17.3	38.0	33.8	929.2	12
Channel	210-57STX	STX	P500,V	110	144.3	17.4	30.0	34.8	914.9	14
FS Seeds	FS 60TV4	VT3P	C250	110	143.8	15.7	36.7	35.8	917.8	13
Kruger	K-6408VT3	VT3	P500,V	108	142.7	16.7	16.7	38.8	907.2	15
Fielders Choice	NG6723	VT3	P250	110	141.9	15.8	24.7	32.8	905.3	16
Dekalb	DKC59-35 GC	VT3	P250	109	141.9	17.4	17.0	33.9	899.6	17
Producers	6694VT3Pro	VT3P	P250	106	141.1	16.0	32.7	36.8	899.5	18
G2 Genetics	5H-0601^	HX,RR2	P1250,V	106	140.9	16.6	27.7	34.8	896.1	19
LG Seeds	LG2555VT3	VT3	P500,V	110	140.5	17.0	66.0	33.8	892.2	21
LG Seeds	LG2544VT3	VT3	P500,V	108	140.3	16.5	70.3	34.8	892.7	20
Stine	9529VT3Pro*	VT3P	C250	106	139.2	16.0	17.7	33.9	887.4	22
Great Lakes	5939G3VT3	VT3	P500,V	109	139.2	16.9	60.3	35.8	884.3	23
LG Seeds	LG2529VT3Pro	VT3P	P500,V	107	138.4	16.6	36.0	32.9	880.2	24
FS Seeds	FS 60MV4	VT3P	C250	110	138.4	16.9	39.0	33.8	879.2	25
Renk	RK744VT3P	VT3P	P250	107	137.0	15.5	38.0	34.8	875.1	26
Titan Pro	80A05GL	3000GT	C250	105	134.9	15.8	11.7	32.9	860.7	27
Titan Pro	80A08GL	3000GT	C250	108	134.3	16.5	55.3	36.8	854.5	29
Great Lakes	5643VT3PRO	VT3P	P500,V	106	134.2	15.9	64.7	33.9	855.9	28
G2 Genetics	5X-908^*	HXT,RR2	C250	108	133.8	17.6	35.7	35.8	847.6	31
Pioneer	P1292AM1 CK	HXT,RR2	C250	112	134.9	18.8	64.0	34.8	850.5	30
Test Average =					134.8	16.6	40.4	34.8	857.0	
LSD (0.10) =					17.5	0.9	25.3			
C.V. =					9.6	3.9				


 F.I.R.S.T. Manager

TEST COMMENTS: *This plot experienced everything that could go wrong . It had a very wet and cool start then it turned hot with little rain from June to August. Ears were very short having deep tip die back with blank strips from tip to base on the side nearest the ground. Strong winds in August caused considerable lodging. In September, an early frost hurt the crop one last time.* Lat: N41.25068, Long: W-94.08802

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: 10/13/2011

Revised:

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

Mike Erdman, Madison County, IA 50273 [WINTERSET]

FULL SEASON TEST

111 - 114 Day CRM

B1IAWC41b

 PREV. CROP/HERB: Soybean / Extreme, Glyphosate, Headline
 SOIL DESCRIPTION: Sharpsburg silty clay loam, well drained, no-till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6 pH, 4.5% OM
 PEST MANAGEMENT: Steadfast, Callisto, Aatrex, Force
 FERTILITY - Applied N: 123 Fall,
 Applied N-P-K (units): 123-0-0

30" ROW SPACING

 SEEDED - RATE: May 10 35,100 /A
 HARVESTED - STAND: Oct 11 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
Dekalb	DKC62-97 GC	VT3P	P250	112	155.0	19.3	49.7	34.8	975.3	1
NuTech	5V-514*	3111	C250	114	152.1	18.5	3.7	32.9	960.1	2
Wyffels	W7997	VT3P	P250	113	150.9	18.2	27.0	31.9	953.7	3
AgriGold	A6553VT3	VT3	P500,V	113	147.6	19.4	62.3	35.8	928.4	6
FS Seeds	FS 62MV4	VT3P	C250	112	147.2	18.7	33.7	33.9	928.5	5
Great Lakes	6354G3VT3	VT3	P500,V	113	146.8	19.4	49.7	34.8	923.4	7
Channel	212-17VT3P	VT3P	P500,V	112	146.7	17.4	29.7	33.9	930.1	4
Dekalb	DKC64-69 GC	VT3P	P250	114	145.2	18.3	39.0	34.8	917.3	8
Garst	84H71-3000GT GC	3000GT	C250	112	143.1	19.9	51.3	34.8	898.3	12
Renk	RK858VT3P	VT3P	P250	112	142.7	19.3	59.0	35.8	897.9	13
Dekalb	DKC63-84 GC	VT3	P250	113	142.2	17.1	33.7	32.9	902.6	9
Channel	212-08VT3P	VT3P	P500,V	112	142.2	17.8	36.3	36.8	900.1	10
LG Seeds	LG2620VT3	VT3	P500,V	113	142.2	18.0	29.7	33.9	899.4	11
Renk	RK831VT3P	VT3P	P250	112	141.9	18.2	69.7	33.8	896.8	14
Titan Pro	80A13GLV	3111	C250	113	141.8	18.9	49.7	34.8	893.7	15
AgriGold	A6533VT3	VT3	P500,V	113	141.3	19.7	31.3	35.8	887.7	18
Kruger	K-7514	VT3P	P500,V	114	140.8	17.6	48.7	35.8	892.0	16
Pioneer	P1151HR GC	HX,RR2	C250	111	140.4	17.7	37.7	36.8	889.1	17
LG Seeds	LG2636VT3	VT3	P500,V	114	139.4	19.5	33.0	34.9	876.5	19
Garst	83R38-3000GT GC	3000GT	C250	113	138.4	20.2	53.7	30.9	867.8	20
Stine	9732VT3Pro*	VT3P	C250	112	137.6	20.7	16.3	37.8	861.0	22
AgriGold	A6573VT3	VT3	P500,V	114	137.5	20.7	69.7	35.8	860.4	23
Producers	7394VT3	VT3	P500,V	113	136.9	19.9	32.3	36.8	859.4	24
Kruger	K-7312	VT3P	P500,V	112	136.0	17.5	45.3	35.8	861.9	21
Wyffels	W7147	VT3P	P250	111	135.1	17.8	43.7	34.8	855.2	25
Channel	211-99VT3P	VT3P	P500,V	111	134.7	17.1	32.7	35.8	855.0	26
G2 Genetics	5H-712^*	HX,RR2	P1250,V	112	134.2	17.8	55.3	33.9	849.5	27
Renze	2332HXT/LL/RR2	HXT,RR2	C250	111	129.8	19.9	43.7	36.8	814.8	29
Producers	7224VT3	VT3	P500,V	112	128.5	19.5	70.3	35.8	807.9	30
NuTech	5N-813*	3000GT	C250	113	128.3	19.4	51.0	34.8	807.0	31
Pioneer	P1292AM1 CK	HXT,RR2	C250	112	130.7	19.6	69.7	36.8	821.4	28
Test Average =					134.1	18.8	44.5	34.9	845.6	
LSD (0.10) =					14.9	1.4	21.2			
C.V. =					8.1	5.3				

F.I.R.S.T. Manager

TEST COMMENTS: This plot experienced everything that could go wrong. It had a very wet and cool start then it turned hot with little rain from June to August. Ears were very short having deep tip die back with blank strips from tip to base on the side nearest the ground. Strong winds in August caused considerable lodging. In September, an early frost hurt the crop one last time.

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^{††} 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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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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