

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

Mark Bentley, Pottawattamie County, IA 51560 [OAKLAND]

EARLY SEASON TEST
105 - 110 Day CRM

B1IAWC38a

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Marshall silty clay loam, moderately drained, no-till, non-irrigated
 SOIL CONDITION: High P, high K, 6.4 pH, 4% OM
 PEST MANAGEMENT: Roundup, TripleFlex, Force
 FERTILITY - Applied N: 130 Fall, 40 Spring,
 Applied N-P-K (units): 170-0-0

30" ROW SPACING

SEEDED - RATE: Apr 29 35,100 /A
 HARVESTED - STAND: Oct 26 35,300 /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
Producers	7014VT3	VT3	P500,V	110	207.3	14.9	2.0	34.9	1,326.7	1
LG Seeds	LG2549VT3	VT3	P500,V	109	200.9	14.7	12.7	32.9	1,285.8	2
Great Lakes	5939G3VT3	VT3	P500,V	109	199.9	15.2	4.7	37.8	1,278.4	3
Dyna-Gro	V4993VT3	VT3	P250	109	197.4	14.7	2.0	34.8	1,263.4	4
FS Seeds	FS 60TV4	VT3P	C250	110	196.8	14.8	9.0	34.8	1,259.5	5
Renk	RK818VT3P	VT3P	P250	108	196.2	15.4	3.7	42.8	1,253.7	6
Dyna-Gro	57V40	VT3	P250	110	195.9	15.4	22.0	35.8	1,251.8	7
FS Seeds	FS 58MV4	VT3P	C250	108	193.8	14.9	9.0	36.8	1,240.3	8
Kruger	K-6408VT3	VT3	P500,V	108	193.3	14.8	3.7	37.8	1,237.1	9
Stine	9731VT3Pro*	VT3P	C250	110	193.0	15.3	10.0	35.8	1,233.8	10
Wyffels	W6871	VT3	P250	110	190.7	15.2	5.7	35.8	1,219.5	11
AgriGold	A6458VT3	VT3	P500,V	110	188.6	15.0	31.0	37.8	1,207.0	12
Fielders Choice	NG6723	VT3	P250	110	188.5	15.0	1.0	34.8	1,206.4	13
FS Seeds	FS 60MV4	VT3P	C250	110	186.7	15.3	1.0	35.8	1,193.5	15
AgriGold	A6384VT3Pro	VT3P	P500,V	106	186.6	14.6	27.7	34.8	1,194.2	14
Dekalb	DKC59-35 GC	VT3	P250	109	185.7	15.0	1.0	36.8	1,188.5	16
G2 Genetics	5H-0601^	HX,RR2	P1250,V	106	183.5	14.8	2.0	33.8	1,174.4	17
Producers	6694VT3Pro	VT3P	P250	106	182.6	14.7	1.0	35.8	1,168.6	18
Wyffels	W4267	VT3P	P250	105	182.1	14.6	1.0	32.9	1,165.4	19
NuTech	5N-1004*	3000GT	C250	110	181.5	15.0	3.0	34.8	1,161.6	20
Titan Pro	X81A12GL	GT	C250	111	181.1	15.6	9.0	32.9	1,156.3	21
LG Seeds	LG2529VT3Pro	VT3P	P500,V	107	180.2	14.7	1.0	33.8	1,153.3	22
Renk	RK741VT3P	VT3P	P250	108	178.0	14.7	1.0	34.9	1,139.2	23
Kruger	K4-9710	STX	P500,V	110	178.0	15.2	2.0	36.8	1,138.3	24
Kruger	K-7907	VT3P	P500,V	107	177.6	14.5	1.0	33.8	1,136.6	25
Fielders Choice	NG6710	VT3P	P250	108	177.6	14.6	1.0	33.9	1,136.6	26
Stine	9529VT3Pro*	VT3P	C250	106	177.4	14.7	3.7	30.9	1,135.4	27
FS Seeds	FS 56TV4	VT3P	C250	106	176.8	14.6	1.0	36.8	1,131.5	28
Wyffels	W5077	VT3P	P250	107	176.6	14.7	1.0	34.8	1,130.2	29
LG Seeds	LG2555VT3	VT3	P500,V	110	176.6	15.3	81.0	34.8	1,128.9	30
Pioneer	P1292AM1 CK	HXT,RR2	C250	112	175.0	15.8	30.3	33.9	1,116.5	36
Test Average =					179.3	15.0	12.1	35.3	1,147.0	
LSD (0.10) =					12.1	0.7	18.4			
C.V. =					5.0	3.4				


 F.I.R.S.T. Manager

TEST COMMENTS: This location had decent rainfall all year. Strong midseason winds caused green snap, especially in the full season test.

Plants were tall with short to medium length well pollinated ears. Stalks were strong and stood well. There were some weak ear shanks in some hybrids. Some head shelling noted in these well mature plants. Leaf disease was light but present.

Lat: N41.30389, Long: W-95.64556

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: 10/27/2011

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

Mark Bentley, Pottawattamie County, IA 51560 [OAKLAND]

FULL SEASON TEST
111 - 114 Day CRM

B1IAWC38b

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Marshall silty clay loam, moderately drained, no-till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.4 pH, 4% OM
 PEST MANAGEMENT: Roundup, TripleFlex, Force
 FERTILITY - Applied N: 130 Fall, 40 Spring,
 Applied N-P-K (units): 170-0-0

30" ROW SPACING

SEEDED - RATE: Apr 29 35,100 /A
 HARVESTED - STAND: Oct 26 35,500 /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
Channel	211-99VT3P	VT3P	P500,V	111	213.0	14.9	12.7	35.8	1,363.2	1
Great Lakes	6232G3VT3	VT3	P500,V	112	204.8	15.4	55.3	34.8	1,308.7	2
Channel	214-14VT3P	VT3P	P500,V	114	203.5	15.4	3.0	36.8	1,300.4	3
Producers	7394VT3	VT3	P500,V	113	203.1	15.8	18.0	34.8	1,295.8	4
Producers	7224VT3	VT3	P500,V	112	202.6	15.4	59.7	35.8	1,294.6	5
AgriGold	A6553VT3	VT3	P500,V	113	202.2	16.2	28.7	34.8	1,288.0	6
AgriGold	A6533VT3	VT3	P500,V	113	198.5	15.5	16.7	35.8	1,267.9	7
Kruger	K-7312	VT3P	P500,V	112	197.6	15.2	16.3	36.8	1,263.7	8
Renk	RK858VT3P	VT3P	P250	112	197.2	15.1	20.7	35.8	1,261.6	9
Dekalb	DKC63-84 GC	VT3	P250	113	197.1	15.0	4.7	34.8	1,261.4	10
Channel	212-17VT3P	VT3P	P500,V	112	196.3	15.3	24.7	36.8	1,254.8	11
Wyffels	W7997	VT3P	P250	113	195.4	15.2	2.0	32.9	1,249.6	12
Wyffels	W7147	VT3P	P250	111	194.7	15.4	4.7	36.8	1,244.1	13
Titan Pro	80A13GLV	3111	C250	113	194.6	15.9	3.7	37.8	1,241.1	14
Dekalb	DKC62-97 GC	VT3P	P250	112	194.3	15.5	18.7	33.9	1,241.1	15
Garst	83R38-3000GT GC	3000GT	C250	113	194.2	16.4	2.0	36.8	1,236.1	16
Stine	9732VT3Pro*	VT3P	C250	112	193.2	16.5	2.0	36.8	1,229.2	17
Pioneer	P1151HR GC	HX,RR2	C250	111	192.3	15.4	7.0	36.8	1,228.8	18
Renk	RK831VT3P	VT3P	P250	112	191.9	15.8	3.7	35.8	1,224.3	19
G2 Genetics	5H-712A*	HX,RR2	P1250,V	112	191.4	15.7	12.0	35.8	1,221.6	20
Wyffels	W7477	VT3P	P250	112	190.7	15.3	17.0	35.8	1,219.0	21
NuTech	5V-514*	3111	C250	114	189.1	15.8	2.0	35.8	1,206.5	22
LG Seeds	LG2636VT3	VT3	P500,V	114	187.6	15.6	40.7	33.9	1,197.8	24
LG Seeds	LG2602VT3	VT3	P500,V	112	187.4	15.3	55.3	35.8	1,198.0	23
AgriGold	A6573VT3	VT3	P500,V	114	187.4	16.2	30.0	36.8	1,193.7	25
FS Seeds	FS 62MV4	VT3P	C250	112	186.1	15.2	44.7	35.8	1,190.1	26
Garst	84H71-3000GT GC	3000GT	C250	112	185.1	16.3	36.3	35.8	1,178.6	27
FS Seeds	FS 64JV3	VT3	C250	114	183.2	15.5	4.7	35.8	1,170.2	29
Renze	3331SST*	STX	C250	112	183.1	15.1	8.7	32.9	1,171.4	28
FS Seeds	FS 63MV4	VT3P	C250	113	179.7	15.4	43.0	35.8	1,148.3	30
Pioneer	P1292AM1 CK	HXT,RR2	C250	112	164.3	15.5	17.0	34.8	1,049.5	39
Test Average =					181.9	15.5	24.0	35.5	1,162.0	
LSD (0.10) =					22.1	0.8	25.6			
C.V. =					8.9	4.0				

TEST COMMENTS: *This location had decent rainfall all year. Strong midseason winds caused green snap, especially in the full season test.*
Plants were tall with short to medium length well pollinated ears. Stalks were strong and stood well. There were some weak ear shanks in some hybrids. Some head shelling noted in these well mature plants. Leaf disease was light but present.

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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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