

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

Dennis Mleynek, Guthrie County, IA 50216 [YALE]

EARLY SEASON TEST
105 - 110 Day CRM

B1IAWC40a

 PREV. CROP/HERB: Soybean / Extreme, Prefix, Fusilade DX
 SOIL DESCRIPTION: Webster silty clay loam, well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITION: High P, mod. high K, 6.6 pH, 4% OM
 PEST MANAGEMENT: Roundup, Outlook
 FERTILITY - Applied N: 180 Fall,
 Applied N-P-K (units): 180-80-110

30" ROW SPACING

 SEEDED - RATE: Apr 30 35,100 /A
 HARVESTED - STAND: Oct 14 34,500 /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	LG2544VT3	VT3	P500,V	108	200.0	15.5	3.7	36.8	1,377.5	1
AgriGold	A6458VT3	VT3	P500,V	110	200.0	16.2	2.0	35.8	1,374.0	2
Producers	7014VT3	VT3	P500,V	110	196.9	16.0	3.7	35.8	1,353.7	3
LG Seeds	LG2555VT3	VT3	P500,V	110	196.0	16.3	3.0	32.9	1,346.0	4
Great Lakes	5939G3VT3	VT3	P500,V	109	193.1	16.0	7.3	34.8	1,327.6	5
Channel	209-85VT3P	VT3P	P500,V	109	188.1	16.2	1.0	33.9	1,292.2	7
LG Seeds	LG2549VT3	VT3	P500,V	109	188.0	15.9	5.7	36.8	1,293.0	6
Dyna-Gro	57V40	VT3	P250	110	185.5	16.6	11.3	34.8	1,272.5	8
Dyna-Gro	V4993VT3	VT3	P250	109	182.1	15.4	2.0	28.9	1,254.7	9
Titan Pro	X81A12GL	GT	C250	111	181.0	17.0	3.7	34.8	1,239.9	10
Garst	85E98-3000GT GC	3000GT	C250	109	180.5	16.6	1.0	35.8	1,238.2	11
NuTech	5N-1004*	3000GT	C250	110	179.5	15.9	3.0	37.8	1,234.5	12
Dekalb	DKC59-35 GC	VT3	P250	109	179.3	16.4	1.0	36.8	1,230.9	14
AgriGold	A6384VT3Pro	VT3P	P500,V	106	178.6	15.2	3.7	32.9	1,231.4	13
Renk	RK818VT3P	VT3P	P250	108	178.1	16.1	2.0	39.8	1,224.0	15
Pioneer	P0832AM1 GC	HXT,RR2	C250	108	178.0	17.0	1.0	32.9	1,219.3	17
Renk	RK744VT3P	VT3P	P250	107	176.9	15.2	2.0	36.8	1,219.7	16
Kruger	K4-9205	STX	P500,V	105	176.1	15.3	1.0	38.8	1,213.8	18
Fielders Choice	NG6723	VT3	P250	110	175.7	16.1	1.0	34.8	1,207.5	19
Channel	210-44VT2P	VT2P	P500,V	110	175.1	16.3	3.0	25.9	1,202.5	20
Wyffels	W6871	VT3	P250	110	174.1	16.3	7.3	35.8	1,195.6	22
Wyffels	W5077	VT3P	P250	107	173.7	15.1	1.0	36.8	1,198.1	21
G2 Genetics	5F-1201^	HXT,RR2	P1250,V	112	173.6	17.2	1.0	35.9	1,188.3	25
AgriGold	A6329VT3Pro	VT3P	P500,V	105	173.3	15.4	1.0	34.9	1,194.0	23
FS Seeds	FS 60TV4	VT3P	C250	110	173.3	15.9	4.7	33.8	1,191.9	24
Fielders Choice	NG6705	STX	P250	108	172.1	15.6	2.0	36.8	1,184.9	26
G2 Genetics	5X-909^*	HXT,RR2	C250	109	171.0	16.9	1.0	32.9	1,171.8	28
Kruger	K-6408VT3	VT3	P500,V	108	170.9	15.7	1.0	35.8	1,176.2	27
FS Seeds	FS 58MV4	VT3P	C250	108	167.8	15.9	1.0	34.9	1,154.0	30
LG Seeds	LG2529VT3Pro	VT3P	P500,V	107	167.6	15.3	3.7	34.8	1,155.2	29
Pioneer	P1292AM1 CK	HXT,RR2	C250	112	152.5	17.2	1.0	34.8	1,043.9	50
Test Average =					169.5	15.9	2.7	34.5	1,165.4	
LSD (0.10) =					18.6	0.4	3.6			
C.V. =					8.1	2.1				

F.I.R.S.T. Manager

TEST COMMENTS: This plot received lots of rain and cool conditions early in the season. Things turned hot and dry mid-season. Most of the foliage was off the stalks. Stalks were standing fair to good at harvest. This location was lucky it missed the high winds prevalent in the area.

Noticed some light infestations of gray leaf spot. Very good yields considering the weather pattern here. Lat: N41.77192, Long: W-94.29107

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$6.90

[†] 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: 10/15/2011

Revised:

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

Dennis Mleynek, Guthrie County, IA 50216 [YALE]

FULL SEASON TEST
111 - 114 Day CRM

B1IAWC40b

PREV. CROP/HERB: Soybean / Extreme, Prefix, Fusilade DX
 SOIL DESCRIPTION: Webster silty clay loam, well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: High P, mod. high K, 6.6 pH, 4% OM
 PEST MANAGEMENT: Roundup, Outlook
 FERTILITY - Applied N: 180 Fall,
 Applied N-P-K (units): 180-80-110

30" ROW SPACING

SEEDED - RATE: Apr 30 35,100 /A
 HARVESTED - STAND: Oct 14 33,000 /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
AgriGold	A6533VT3	VT3	P500,V	113	204.9	17.8	1.0	34.8	1,399.5	1
Producers	7394VT3	VT3	P500,V	113	203.3	17.6	1.0	36.8	1,389.6	2
LG Seeds	LG2620VT3	VT3	P500,V	113	201.3	17.4	2.0	33.9	1,376.9	3
Producers	7224VT3	VT3	P500,V	112	198.2	17.1	3.0	30.8	1,357.2	4
Wyffels	W7477	VT3P	P250	112	197.4	16.3	1.0	31.9	1,355.6	5
AgriGold	A6553VT3	VT3	P500,V	113	197.4	18.0	2.0	34.8	1,347.3	6
Great Lakes	6232G3VT3	VT3	P500,V	112	195.3	16.9	4.0	35.8	1,338.3	7
LG Seeds	LG2602VT3	VT3	P500,V	112	195.1	17.4	2.0	33.9	1,334.5	8
Kruger	K-7312	VT3P	P500,V	112	194.0	15.9	2.0	33.8	1,334.2	9
Channel	212-17VT3P	VT3P	P500,V	112	192.8	16.3	1.0	34.8	1,324.1	10
Wyffels	W7147	VT3P	P250	111	192.6	16.2	4.7	31.9	1,323.2	11
AgriGold	A6573VT3	VT3	P500,V	114	192.6	18.0	1.0	34.9	1,314.5	14
Pioneer	P1151HR GC	HX,RR2	C250	111	192.2	17.1	1.0	29.8	1,316.1	12
Channel	214-14VT3P	VT3P	P500,V	114	191.7	16.6	1.0	33.8	1,315.1	13
FS Seeds	FS 64JV3	VT3	C250	114	189.6	16.9	1.0	34.8	1,299.2	16
Kruger	K-7211	VT3P	P500,V	111	189.4	16.3	2.0	29.9	1,300.7	15
Stine	9732VT3Pro*	VT3P	C250	112	189.1	17.2	1.0	33.8	1,294.4	17
Dekalb	DKC62-97 GC	VT3P	P250	112	188.3	16.3	1.0	33.9	1,293.2	18
Renze	2332HXT/LL/RR2	HXT,RR2	C250	111	188.1	16.4	1.0	33.9	1,291.3	19
FS Seeds	FS 62MV4	VT3P	C250	112	187.4	16.8	2.0	33.9	1,284.6	20
Renze	3331SST*	STX	C250	112	186.6	16.7	2.0	33.9	1,279.6	21
LG Seeds	LG2636VT3	VT3	P500,V	114	186.2	17.6	1.0	31.9	1,272.7	23
Dekalb	DKC64-69 GC	VT3P	P250	114	185.7	16.3	1.0	33.8	1,275.3	22
Garst	84H71-3000GT GC	3000GT	C250	112	185.6	17.5	8.7	34.8	1,269.0	24
Renk	RK880SSTX	STX	P250	112	184.8	16.5	2.0	31.9	1,268.2	25
G2 Genetics	5H-013A*	HX,RR2	P1250,V	113	184.4	16.7	1.0	35.8	1,264.5	26
Titan Pro	80A13GLV	3111	C250	113	184.1	16.5	1.0	33.9	1,263.4	28
Dekalb	DKC63-84 GC	VT3	P250	113	183.9	16.1	2.0	34.8	1,263.9	27
Garst	83R38-3000GT GC	3000GT	C250	113	183.1	17.7	3.7	30.9	1,251.0	29
Renk	RK831VT3P	VT3P	P250	112	182.2	16.5	1.0	35.8	1,250.3	30
Pioneer	P1292AM1 CK	HXT,RR2	C250	112	170.3	17.2	1.0	28.9	1,165.7	39
Test Average =					183.8	16.8	1.7	33.0	1,259.4	
LSD (0.10) =					18.2	0.7	2.4			
C.V. =					7.3	2.9				


 F.I.R.S.T. Manager

TEST COMMENTS: *This plot received lots of rain and cool conditions early in the season. Things turned hot and dry mid-season. Most of the foliage was off the stalks. Stalks were standing fair to good at harvest. This location was lucky it missed the high winds prevalent in the area. Noticed some light infestations of gray leaf spot. Very good yields considering the weather pattern here.* Lat: N41.77192, Long: W-94.29107

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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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