

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

Lornie Topp, Carroll County, IA 51443 [GLIDDEN]

EARLY SEASON TEST
105 - 110 Day CRM

B1IAWC39a

PREV. CROP/HERB: Corn / Outlook, Atrazine, Roundup, Headline
 SOIL DESCRIPTION: Webster silty clay loam, moderately drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: High P, high K, 6.4 pH, 5.2% OM
 PEST MANAGEMENT: Outlook, Atrazine, Roundup, Headline
 FERTILITY - Applied N: 213 Fall,
 Applied N-P-K (units): 213-60-80

30" ROW SPACING

SEEDED - RATE: May 1 35,100 /A
 HARVESTED - STAND: Oct 2 33,500 /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
Producers	7014VT3	VT3	P500,V	110	201.4	19.0	9.0	33.9	1,172.1	1
LG Seeds	LG2549VT3	VT3	P500,V	109	200.1	19.6	3.7	33.9	1,161.6	2
Channel	209-85VT3P	VT3P	P500,V	109	190.3	20.1	1.0	29.9	1,102.3	3
FS Seeds	FS 60TV4	VT3P	C250	110	188.6	19.9	1.0	34.8	1,093.4	4
Kruger	K-6408VT3	VT3	P500,V	108	188.2	20.1	2.0	34.8	1,090.1	5
Garst	85E98-3000GT GC	3000GT	C250	109	187.7	21.3	1.0	35.8	1,081.6	8
AgriGold	A6458VT3	VT3	P500,V	110	186.9	20.1	8.7	35.8	1,082.6	7
Great Lakes	5939G3VT3	VT3	P500,V	109	186.1	20.5	9.0	36.8	1,076.1	9
AgriGold	A6329VT3Pro	VT3P	P500,V	105	184.8	19.5	2.0	33.8	1,073.2	10
Channel	210-57STX	STX	P500,V	110	184.6	22.4	1.0	34.8	1,058.7	12
Wyffels	W6871	VT3	P250	110	184.3	19.5	12.0	35.8	1,070.3	11
G2 Genetics	5X-909^*	HXT,RR2	C250	109	183.3	21.4	1.0	33.8	1,055.8	13
Stine	9731VT3Pro*	VT3P	C250	110	182.8	22.3	7.0	33.9	1,048.8	14
Kruger	K4-9710	STX	P500,V	110	181.5	23.5	1.0	31.8	1,035.9	16
Pioneer	P0832AM1 GC	HXT,RR2	C250	108	180.5	20.0	1.0	30.9	1,046.0	15
Channel	210-44VT2P	VT2P	P500,V	110	180.3	23.6	1.0	32.9	1,028.6	20
Dyna-Gro	57V40	VT3	P250	110	179.3	21.6	7.0	34.9	1,031.9	19
G2 Genetics	5H-1001^	HX,RR2	P1250,V	110	178.8	20.2	2.0	31.9	1,035.3	17
G2 Genetics	5F-1201^	HXT,RR2	P1250,V	112	177.3	27.9	1.0	33.9	992.4	30
Dyna-Gro	V4993VT3	VT3	P250	109	177.0	18.5	2.0	29.9	1,032.4	18
FS Seeds	FS 60MV4	VT3P	C250	110	175.3	19.2	20.7	32.9	1,019.4	22
LG Seeds	LG2555VT3	VT3	P500,V	110	174.7	20.2	18.0	35.8	1,011.5	23
Renk	RK818VT3P	VT3P	P250	108	174.8	20.4	1.0	32.9	1,011.2	25
Wyffels	W5077	VT3P	P250	107	174.3	17.1	1.0	34.8	1,022.7	21
Stine	9531VT3Pro*	VT3P	C250	107	173.8	20.2	7.0	32.9	1,006.3	27
G2 Genetics	5H-0601^	HX,RR2	P1250,V	106	173.6	18.5	1.0	28.9	1,012.5	24
FS Seeds	FS 56TV4	VT3P	C250	106	171.9	16.8	1.0	29.9	1,009.9	26
AgriGold	A6384VT3Pro	VT3P	P500,V	106	170.6	17.6	3.7	34.8	998.9	28
Producers	6694VT3Pro	VT3P	P250	106	169.7	17.4	1.0	29.9	994.4	29
LG Seeds	LG2544VT3	VT3	P500,V	108	168.6	17.8	14.0	34.8	986.3	31
Pioneer	P1292AM1 CK	HXT,RR2	C250	112	191.3	24.5	1.0	35.8	1,087.1	6
Test Average =					172.2	19.3	3.8	33.5	1,000.6	
LSD (0.10) =					18.5	2.1	7.3			
C.V. =					7.9	7.9				

F.I.R.S.T. Manager

TEST COMMENTS: *The very hot and dry season had a big impact on this location. Ears had tip back and numerous kernel blanks. Corn on corn in the area was hit hard. The lodging was due to weak stalks combined with 45 mph winds at the site just before harvest. No major pest or disease issues were seen. Yields in the area are down close to 30 bu/acre compared to normal.*

Lat: N42.24278, Long: W-94.77639

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$5.92

[†] 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: 10/2/2011

Revised:

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

Lornie Topp, Carroll County, IA 51443 [GLIDDEN]

FULL SEASON TEST
111 - 114 Day CRM

B1IAWC39b

PREV. CROP/HERB: Corn / Outlook, Atrazine, Roundup, Headline
 SOIL DESCRIPTION: Webster silty clay loam, moderately drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.4 pH, 5.2% OM
 PEST MANAGEMENT: Outlook, Atrazine, Roundup, Headline
 FERTILITY - Applied N: 213 Fall,
 Applied N-P-K (units): 213-60-80

30" ROW SPACING

SEEDED - RATE: May 1 35,100 /A
 HARVESTED - STAND: Oct 2 33,800 /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
LG Seeds	LG2602VT3	VT3	P500,V	112	200.9	28.3	1.0	32.8	1,122.5	2
Dekalb	DKC63-84 GC	VT3	P250	113	200.6	23.2	2.0	33.9	1,146.4	1
AgriGold	A6553VT3	VT3	P500,V	113	194.3	26.3	3.0	34.8	1,095.4	5
Pioneer	P1151HR GC	HX,RR2	C250	111	193.8	23.6	1.0	34.9	1,105.6	3
Kruger	K-7211	VT3P	P500,V	111	192.8	23.3	1.0	34.9	1,101.4	4
Garst	83R38-3000GT GC	3000GT	C250	113	190.0	27.8	1.0	35.8	1,064.0	8
Renk	RK831VT3P	VT3P	P250	112	188.9	24.5	2.0	35.8	1,073.4	6
G2 Genetics	5H-013^*	HX,RR2	P1250,V	113	188.6	24.6	7.0	31.8	1,071.2	7
Renze	2332HXT/LL/RR2	HXT,RR2	C250	111	186.4	29.5	2.0	32.9	1,035.9	19
FS Seeds	FS 63MV4	VT3P	C250	113	185.4	26.8	3.7	35.9	1,042.9	15
Dekalb	DKC62-97 GC	VT3P	P250	112	185.0	22.7	1.0	34.8	1,059.6	9
Wyffels	W7477	VT3P	P250	112	184.5	23.7	9.0	32.8	1,052.1	11
LG Seeds	LG2620VT3	VT3	P500,V	113	184.5	24.7	10.0	31.9	1,047.5	12
Producers	7394VT3	VT3	P500,V	113	184.3	22.5	10.0	37.8	1,056.5	10
Great Lakes	6354G3VT3	VT3	P500,V	113	183.9	24.9	3.0	34.8	1,043.2	14
AgriGold	A6533VT3	VT3	P500,V	113	183.2	28.5	6.0	35.8	1,022.7	21
FS Seeds	FS 62MV4	VT3P	C250	112	182.8	22.8	1.0	32.8	1,046.5	13
G2 Genetics	5X-1301^*	HXT,RR2	P1250,V	113	182.8	28.0	1.0	33.9	1,022.8	20
Kruger	K-7514	VT3P	P500,V	114	181.9	22.8	1.0	29.9	1,041.4	16
Channel	211-99VT3P	VT3P	P500,V	111	181.4	23.0	1.0	36.8	1,037.6	18
FS Seeds	FS 61BX1	STX	C250	111	180.2	20.9	6.0	33.9	1,040.2	17
Renk	RK880SSTX	STX	P250	112	179.8	25.2	2.0	33.8	1,018.6	22
Wyffels	W7997	VT3P	P250	113	178.4	25.2	1.0	33.8	1,010.6	25
Channel	214-14VT3P	VT3P	P500,V	114	177.3	22.7	1.0	36.8	1,015.5	23
Channel	212-17VT3P	VT3P	P500,V	112	176.5	21.7	1.0	33.9	1,015.3	24
G2 Genetics	5H-712^*	HX,RR2	P1250,V	112	175.4	24.3	1.0	31.9	997.6	26
AgriGold	A6573VT3	VT3	P500,V	114	174.5	27.4	7.0	32.8	978.9	30
Renk	RK858VT3P	VT3P	P250	112	172.5	22.5	1.0	29.9	988.9	29
Wyffels	W7147	VT3P	P250	111	170.8	20.0	5.7	35.8	989.8	28
Kruger	K-7312	VT3P	P500,V	112	167.5	19.4	1.0	35.8	973.2	31
Pioneer	P1292AM1 CK	HXT,RR2	C250	112	175.8	26.5	9.0	32.9	990.2	27
Test Average =					177.4	24.3	3.3	33.8	1,008.6	
LSD (0.10) =					12.7	3.4	7.0			
C.V. =					5.3	10.4				


 F.I.R.S.T. Manager

TEST COMMENTS: *The very hot and dry season had a big impact on this location. Ears had tip back and numerous kernel blanks. Corn on corn in the area was hit hard. The lodging was due to weak stalks combined with 45 mph winds at the site just before harvest. No major pest or disease issues were seen. Yields in the area are down close to 30 bu/acre compared to normal.*

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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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