

2011 BETTER HYBRIDS Harvest Report for Iowa East Central [IAEC]
 Paul Van Donselaar, Mahaska County, IA 52577 [OSKALOOSA]

EARLY SEASON TEST
105 - 110 Day CRM

PREV. CROP/HERB: Soybean / Treflan, Roundup Powermax B11AEC29a

SOIL DESCRIPTION: Taintor silty clay loam, moderately drained, minimum w/o fall till, non-irrigated

SOIL CONDITION: High P, high K, 6 pH, 3.8% OM

PEST MANAGEMENT: Hallex GT, Headline, Force 30" ROW SPACING

FERTILITY - Applied N: 160 Fall,
 Applied N-P-K (units): 160-0-80

SEEDED - RATE: May 9 35,100 /A TOP 30 OF 63 FOR GROSS INCOME (SORTED BY YIELD)

HARVESTED - STAND: Oct 20 34,900 /A 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	LG2549VT3	VT3	P500,V	109	221.3	16.7	1.0	34.9	1,406.9	1
Great Lakes	5939G3VT3	VT3	P500,V	109	220.9	17.2	3.0	35.8	1,401.6	2
Wyffels	W6871	VT3	P250	110	216.5	16.7	2.0	33.9	1,376.4	3
AgriGold	A6458VT3	VT3	P500,V	110	216.4	16.8	1.0	33.9	1,375.2	4
AgriGold	A6476VT3Pro	VT3P	P500,V	110	215.3	17.0	1.0	34.8	1,367.2	5
Stone	5913VT3	VT3	P500,V	109	213.3	16.1	2.0	35.8	1,359.3	6
Cornelius	C594VT3P	VT3P	P250	109	212.6	16.3	1.0	35.8	1,353.7	7
FS Seeds	FS 60TV4	VT3P	C250	110	210.5	15.7	1.0	35.8	1,343.5	8
G2 Genetics	5F-1201^	HXT,RR2	P1250,V	112	209.8	16.7	2.0	34.8	1,333.8	9
LG Seeds	LG2555VT3	VT3	P500,V	110	209.8	17.0	4.7	35.8	1,332.2	10
Kruger	K4-9710	STX	P500,V	110	209.4	16.7	1.0	34.8	1,331.3	11
Pfister	2570SS	STX	C250,AV	110	208.6	16.8	1.0	32.9	1,325.7	12
Channel	210-57STX	STX	P500,V	110	206.0	16.6	1.0	35.8	1,310.2	13
Stine	9731VT3Pro*	VT3P	C250	110	205.4	17.2	1.0	33.8	1,303.3	14
Dairyland	ST-9210SSX	STX	C250	110	205.0	17.5	1.0	34.8	1,299.2	15
FS Seeds	FS 60MV4	VT3P	C250	110	204.2	16.5	6.3	34.8	1,299.2	16
G2 Genetics	5X-909^*	HXT,RR2	C250	109	203.5	16.7	1.0	34.8	1,293.8	17
Cornelius	C582VT3P	VT3P	C250	109	203.1	16.9	1.0	35.8	1,290.2	19
G2 Genetics	5H-0701^	HX,RR2	C250	106	202.7	15.7	1.0	33.8	1,293.7	18
Dyna-Gro	57V40	VT3	P250	110	202.7	16.7	3.7	36.8	1,288.7	20
Dyna-Gro	V4993VT3	VT3	P250	109	201.4	15.8	1.0	34.8	1,284.9	21
Channel	209-85VT3P	VT3P	P500,V	109	200.6	16.2	1.0	31.9	1,277.8	22
Stone	5714GVT3P	VT3P	P500,V	107	199.1	15.5	1.0	30.9	1,271.8	23
Channel	210-44VT2P	VT2P	P500,V	110	198.3	17.0	3.7	35.8	1,259.2	25
LG Seeds	LG2544VT3	VT3	P500,V	108	197.7	15.6	1.0	34.8	1,262.3	24
LG Seeds	LG2529VT3Pro	VT3P	P500,V	107	196.9	15.4	1.0	34.8	1,258.2	26
Garst	85E98-3000GT GC	3000GT	C250	109	196.5	16.4	1.0	33.9	1,250.7	27
Steyer	11002	3000GT	C250	110	196.5	17.2	1.0	33.9	1,246.8	30
Stine	9532VT3Pro*	VT3P	C250	106	196.2	16.3	1.0	33.8	1,249.3	28
Kruger	K-7907	VT3P	P500,V	107	195.5	15.5	1.0	33.9	1,248.8	29
Pioneer	P1292AM1 CK	HXT,RR2	C250	112	192.4	17.7	1.0	35.8	1,218.4	36
Test Average =					195.4	16.2	1.5	34.9	1,244.1	
LSD (0.10) =					14.7	0.6	2.0			
C.V. =					5.6	2.6				

TEST COMMENTS: Very nice looking plot. This location received over 9 inches of rain in June. Things turned hot and dry with less than 3 total inches in July and August. Some gray leaf spot was in the test. Some Goss's wilt is reported in the area. Plant were tall with stalks still holding up well with some lodging. Large kernel depth and strong cobs made easy shelling.

Lat: N41.26775, Long: W-92.5262

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

2011 BETTER HYBRIDS Harvest Report for Iowa East Central [IAEC]
 Paul Van Donselaar, Mahaska County, IA 52577 [OSKALOOSA]

FULL SEASON TEST
111 - 114 Day CRM

B1IAEC29b

 PREV. CROP/HERB: Soybean / Treflan, Roundup Powermax
 SOIL DESCRIPTION: Taintor silty clay loam, moderately drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6 pH, 3.8% OM
 PEST MANAGEMENT: Halex GT, Headline, Force
 FERTILITY - Applied N: 160 Fall,
 Applied N-P-K (units): 160-0-80

30" ROW SPACING

 SEEDED - RATE: May 9 35,100 /A
 HARVESTED - STAND: Oct 20 35,400 /A

TOP 30 OF 63 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	233.8	17.7	3.7	36.8	1,480.5	1
LG Seeds	LG2620VT3	VT3	P500,V	113	230.1	17.0	1.0	35.8	1,461.1	2
Wyffels	W7477	VT3P	P250	112	224.6	17.3	1.0	36.8	1,424.5	3
Pioneer	P1498HR GC	HX,RR2	P1250,V	114	221.9	17.7	1.0	32.9	1,405.2	4
Renk	RK909VT3P	VT3P	P250	113	220.1	17.3	1.0	36.8	1,396.0	5
AgriGold	A6573VT3	VT3	P500,V	114	218.3	17.6	1.0	33.9	1,382.9	6
Kruger	K-7514	VT3P	P500,V	114	214.5	16.3	1.0	35.8	1,365.8	7
G2 Genetics	5H-013^*	HX,RR2	P1250,V	113	214.3	17.3	1.0	35.8	1,359.2	8
AgriGold	A6533VT3	VT3	P500,V	113	213.9	17.5	1.0	35.8	1,355.6	9
Dairyland	ST-9414Q	HXT,RR2	C250	114	213.4	19.0	1.0	32.9	1,344.4	10
Cornelius	C728VT3P	VT3P	P250	113	209.9	17.0	1.0	34.8	1,332.9	11
FS Seeds	FS 64JV3	VT3	C250	114	208.8	17.2	1.0	36.8	1,324.8	13
Fontanelle	8V227	VT3P	P500,V	114	208.4	16.3	1.0	36.8	1,327.0	12
Stone	6404GVT3P	VT3P	P500,V	114	208.4	16.9	1.0	36.8	1,323.9	14
Lewis	1113SS	STX	P500,V	113	208.2	17.4	1.0	34.8	1,320.0	16
Channel	214-14VT3P	VT3P	P500,V	114	207.9	16.4	1.0	34.8	1,323.3	15
Great Lakes	6354G3VT3	VT3	P500,V	113	207.7	17.1	2.0	32.9	1,318.4	17
Stine	9732VT3Pro*	VT3P	C250	112	207.7	17.7	1.0	35.8	1,315.3	18
LG Seeds	LG2636VT3	VT3	P500,V	114	207.4	18.0	1.0	31.9	1,311.8	22
Renk	RK858VT3P	VT3P	P250	112	207.0	17.1	1.0	35.8	1,313.9	20
Wyffels	W7147	VT3P	P250	111	206.6	16.5	2.0	35.8	1,314.5	19
G2 Genetics	5H-712^*	HX,RR2	P1250,V	112	205.9	16.7	2.0	35.8	1,309.0	23
Cornelius	C623VT3P	VT3P	P250	110	205.8	15.9	2.0	38.8	1,312.5	21
Pfister	2574HXTR	HXT,RR2	C250,AV	110	205.7	17.4	2.0	35.8	1,304.1	26
Channel	211-99VT3P	VT3P	P500,V	111	205.6	16.5	2.0	34.8	1,308.1	24
Great Lakes	6232G3VT3	VT3	P500,V	112	205.3	17.2	1.0	34.8	1,302.6	28
Fielders Choice	NG6798	VT3P	P250	112	205.1	16.7	2.0	32.9	1,303.9	27
Kruger	K-7211	VT3P	P500,V	111	205.0	16.0	2.0	35.8	1,306.9	25
Channel	212-75VT3P	VT3P	P500,V	112	204.3	17.1	1.0	36.8	1,296.8	30
Lewis	1211VT3P	VT3P	P500,V	111	204.0	16.1	1.0	37.8	1,300.0	29
Pioneer	P1292AM1 CK	HXT,RR2	C250	112	196.3	17.5	1.0	34.8	1,244.1	47
Test Average =					203.6	17.1	1.5	35.4	1,292.1	
LSD (0.10) =					13.6	0.4	1.7			
C.V. =					4.9	1.6				


 F.I.R.S.T. Manager

TEST COMMENTS: *Very nice looking plot. This location received over 9 inches of rain in June. Things turned hot and dry with less than 3 total inches in July and August. Some gray leaf spot was in the test. Some Goss's wilt is reported in the area. Plant were tall with stalks still holding up well with some lodging. Large kernel depth and strong cobs made easy shelling.*

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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 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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