

2011 BETTER HYBRIDS Harvest Report for Iowa East Central [IAEC]
 Tom Vittetoe, Washington County, IA 52353 [WASHINGTON]

EARLY SEASON TEST
105 - 110 Day CRM

PREV. CROP/HERB: Soybean / Authority, Roundup B11AEC28a
 SOIL DESCRIPTION: Mahaska silty clay loam, moderately drained, no-till, non-irrigated
 SOIL CONDITION: High P, high K, 6.5 pH, 3.4% OM
 PEST MANAGEMENT: Corvus, 2,4-D, Callisto, Headline, Folicur, Capture, Force 30" ROW SPACING
 FERTILITY - Applied N: 36 Fall, 49 Planter, 82 Sidedress,
 Applied N-P-K (units): 167-27-22
 SEEDED - RATE: May 8 35,100 /A TOP 30 OF 63 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Sep 23 33,800 /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	234.9	24.5	2.0	35.8	1,447.6	1
Wyffels	W6871	VT3	P250	110	233.8	25.2	1.0	28.9	1,436.7	2
Great Lakes	5939G3VT3	VT3	P500,V	109	229.0	23.1	1.0	36.8	1,419.2	3
AgriGold	A6458VT3	VT3	P500,V	110	227.6	23.4	2.0	34.8	1,408.8	4
Cornelius	C594VT3P	VT3P	P250	109	227.0	23.1	1.0	32.9	1,406.8	5
Fontanelle	7A631	STX	P250	110	221.1	26.9	1.0	35.8	1,349.3	9
Channel	210-57STX	STX	P500,V	110	220.0	26.3	1.0	35.8	1,345.9	10
LG Seeds	LG2555VT3	VT3	P500,V	110	219.9	24.4	31.0	28.9	1,355.7	7
Garst	85E98-3000GT GC	3000GT	C250	109	218.6	23.1	2.0	35.8	1,354.8	8
Fontanelle	7V657	VT3P	P250	110	218.1	21.7	1.0	34.8	1,359.3	6
Dyna-Gro	57V40	VT3	P250	110	217.7	27.6	2.0	27.9	1,324.7	13
Lewis	1009SS	STX	P500,V	109	215.7	27.1	1.0	36.8	1,315.2	16
AgriGold	A6476VT3Pro	VT3P	P500,V	110	214.0	25.2	2.0	30.9	1,315.0	17
Channel	209-85VT3P	VT3P	P500,V	109	213.7	23.4	2.0	31.9	1,322.8	14
Stine	9532VT3Pro*	VT3P	C250	106	213.6	22.8	1.0	36.8	1,325.4	12
Stone	5913VT3	VT3	P500,V	109	212.8	24.0	1.0	33.8	1,314.0	18
Dyna-Gro	V4993VT3	VT3	P250	109	212.0	20.7	1.0	33.9	1,326.6	11
FS Seeds	FS 60TV4	VT3P	C250	110	211.3	21.5	1.0	32.9	1,318.0	15
Steyer	10903	VT3P	P250	109	209.9	23.7	1.0	33.9	1,297.7	21
NuTech	5N-1004*	3000GT	C250	110	209.8	22.8	1.0	34.8	1,301.8	20
Wyffels	W5077	VT3P	P250	107	209.6	21.7	1.0	36.8	1,306.3	19
Dairyland	ST-9210SSX	STX	C250	110	208.9	23.6	1.0	34.8	1,292.0	25
AgriGold	A6384VT3Pro	VT3P	P500,V	106	208.3	22.0	2.0	33.9	1,296.7	22
Trelay	6VP844	VT3P	P500,V	107	207.7	21.3	1.0	34.9	1,296.6	23
Great Lakes	5643VT3PRO	VT3P	P500,V	106	207.3	21.5	1.0	33.8	1,293.0	24
Titan Pro	80A08GL	3000GT	C250	108	206.6	22.2	1.0	34.8	1,285.1	26
LG Seeds	LG2544VT3	VT3	P500,V	108	205.8	22.3	2.0	31.9	1,279.6	27
Renk	RK744VT3P	VT3P	P250	107	205.4	22.1	1.0	33.9	1,278.1	29
Lewis	1207VT3P	VT3P	P500,V	107	204.8	21.2	1.0	33.9	1,279.0	28
Renk	RK741VT3P	VT3P	P250	108	204.0	22.8	1.0	35.8	1,265.8	30
Pioneer	P1292AM1 CK	HXT,RR2	C250	112	185.1	26.8	3.7	35.8	1,130.0	59
Test Average =					203.4	23.2	3.8	33.8	1,259.5	
LSD (0.10) =					14.3	1.5	7.5			
C.V. =					5.2	4.9				

TEST COMMENTS: This plot was dry early, wet in mid july, then very dry late in the season. Ears were well pollinated, filled to the tip.

Root lodging was observed with a few products. Stalks were strong but ear shanks were weak. Gray leaf spot, Goss wilt and northern corn leaf blight in the area. Wind damage was seen in the area but the plot was not affected.

Lat: N41.29485, Long: W-91.61071

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]
 Tom Vittetoe, Washington County, IA 52353 [WASHINGTON]

FULL SEASON TEST
111 - 114 Day CRM

B1IAEC28b

 PREV. CROP/HERB: Soybean / Authority, Roundup
 SOIL DESCRIPTION: Mahaska silty clay loam, moderately drained, no-till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.5 pH, 3.4% OM
 PEST MANAGEMENT: Corvus, 2,4-D, Callisto, Headline, Folicur, Capture, Force
 FERTILITY - Applied N: 36 Fall, 49 Planter, 82 Sidedress,
 Applied N-P-K (units): 167-27-22


30" ROW SPACING

 SEEDED - RATE: May 8 35,100 /A
 HARVESTED - STAND: Sep 23 34,000 /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	LG260VT3	VT3	P500,V	112	241.5	27.5	15.3	32.8	1,470.1	1
Renk	RK858VT3P	VT3P	P250	112	240.2	27.1	2.0	34.8	1,464.6	2
Great Lakes	6354G3VT3	VT3	P500,V	113	239.2	29.0	3.7	33.9	1,447.2	3
Great Lakes	6232G3VT3	VT3	P500,V	112	236.6	28.5	6.0	31.9	1,434.4	4
Stone	6404GVT3P	VT3P	P500,V	114	232.1	29.6	1.0	32.9	1,400.7	6
Garst	83R38-3000GT GC	3000GT	C250	113	229.2	29.3	4.7	30.9	1,384.9	7
LG Seeds	LG2636VT3	VT3	P500,V	114	227.9	31.8	1.0	35.8	1,362.8	11
LG Seeds	LG2620VT3	VT3	P500,V	113	226.4	29.6	1.0	30.9	1,366.3	9
Cornelius	C623VT3P	VT3P	P250	110	226.1	21.7	1.0	35.8	1,409.2	5
Trelay	8VP118	VT3P	P500,V	113	225.8	26.6	1.0	35.8	1,379.6	8
FS Seeds	FS 62MV4	VT3P	C250	112	224.8	28.7	3.0	32.9	1,361.7	12
Channel	212-75VT3P	VT3P	P500,V	112	223.4	27.2	9.0	35.8	1,361.6	13
Channel	214-14VT3P	VT3P	P500,V	114	223.0	26.0	1.0	36.8	1,365.9	10
Lewis	1211VT3P	VT3P	P500,V	111	222.1	26.0	4.7	34.8	1,360.4	14
AgriGold	A6573VT3	VT3	P500,V	114	222.0	30.4	25.7	29.9	1,335.3	18
Kruger	K-7514	VT3P	P500,V	114	221.9	26.9	10.0	31.9	1,354.1	16
Renk	RK880SSTX	STX	P250	112	221.8	26.4	6.0	32.9	1,356.3	15
AgriGold	A6533VT3	VT3	P500,V	113	220.9	29.6	34.7	30.9	1,333.1	19
Fielders Choice	NG6818	VT3	P250	114	220.0	25.1	1.0	36.8	1,352.5	17
G2 Genetics	5H-013*	HX,RR2	P1250,V	113	219.3	29.8	23.3	34.9	1,322.4	23
Cornelius	C646VT3P	VT3P	P250	112	218.0	27.4	30.0	35.8	1,327.6	20
Cornelius	C728VT3P	VT3P	P250	113	217.3	29.3	2.0	34.8	1,313.0	28
Wyffels	W7147	VT3P	P250	111	217.0	28.1	23.0	33.9	1,317.7	25
Kruger	K-7312	VT3P	P500,V	112	216.2	25.7	1.0	38.8	1,325.8	21
Fielders Choice	NG6798	VT3P	P250	112	216.1	25.7	9.0	30.9	1,325.2	22
Fontanelle	8V227	VT3P	P500,V	114	216.0	27.7	2.0	34.9	1,313.8	26
Pioneer	P1498HR GC	HX,RR2	P1250,V	114	214.6	29.4	1.0	34.8	1,296.2	30
Stone	6114GVT3P	VT3P	P500,V	111	212.5	22.9	3.7	30.9	1,318.0	24
Channel	211-99VT3P	VT3P	P500,V	111	212.1	25.5	11.0	32.9	1,301.8	29
Channel	212-17VT3P	VT3P	P500,V	112	211.3	22.4	2.0	37.8	1,313.2	27
Pioneer	P1292AM1 CK	HXT,RR2	C250	112	194.6	26.6	6.3	35.8	1,189.0	55
Test Average =					211.9	28.3	9.5	34.0	1,286.1	
LSD (0.10) =					14.6	2.0	17.0			
C.V. =					5.1	5.2				


 F.I.R.S.T. Manager

TEST COMMENTS: This plot was dry early, wet in mid july, then very dry late in the season. Ears were well pollinated, filled to the tip. Root lodging was observed with a few products. Stalks were strong but ear shanks were weak. Gray leaf spot, Goss wilt and northern corn leaf blight in the area. Wind damage was seen in the area but the plot was not affected.

Lat: N41.29485, Long: W-91.61071

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



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®

Trademarks

- Excalibre™ is a trademark of Advanced Biological Marketing
- Allegiance®, Gaicho®, LibertyLink®, Poncho®, Trilex®, and VOTIVO™ are trademarks of Bayer AG.
- Herculex® is a trademark of Dow AgroSciences LLC.
- STS® is a registered trademark of E.I. DuPont Nemours & Co.
- Optimize® is a trademark of EMD Crop BioScience Inc.
- Acceleron®, Genuity®, Roundup Ready®, Roundup Ready 2 Yield®, SmartStax®, VT Triple PRO®, and YieldGard VT Triple® are trademarks of Monsanto Technology LLC.
- Optimum® and AcreMax® are trademarks of Pioneer Hi-Bred.
- Agrisure®, ApronMaxx®, ApronXL®, Avicta®, Cruiser®, CruiserMaxx®, and Viptera™ are trademarks of a Syngenta Group Company.
- Inovate™ System is a trademark of Valent