

2011 BETTER HYBRIDS Harvest Report for Iowa East Central [IAEC]

Dan DeRycke, Poweshiek County, IA 52347 [VICTOR]

EARLY SEASON TEST
105 - 110 Day CRM

PREV. CROP/HERB: Soybean / Touchdown Total

B11AEC30a

SOIL DESCRIPTION: Ackmore silt loam, moderately drained, minimum w/o fall till, non-irrigated

SOIL CONDITION: Mod. High P, mod. high K, 6.8 pH, 2.9% OM

PEST MANAGEMENT: Lumax

30" ROW SPACING

FERTILITY - Applied N: 171 Fall,

Applied N-P-K (units): 171-52-60

SEEDED - RATE: May 10 35,100 /A

TOP 30 OF 63 FOR GROSS INCOME (SORTED BY YIELD)

HARVESTED - STAND: Oct 22 34,300 /A

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS Seeds	FS 60TV4	VT3P	C250	110	231.5	17.6	1.0	35.8	1,466.6	1
AgriGold	A6458VT3	VT3	P500,V	110	230.4	18.4	1.0	34.8	1,455.0	2
Stone	5913VT3	VT3	P500,V	109	223.7	17.5	1.0	36.8	1,417.7	3
Titan Pro	X81A12GL	GT	C250	111	220.8	19.0	2.0	33.9	1,391.0	5
Trelay	6VP844	VT3P	P500,V	107	220.3	17.2	1.0	33.9	1,397.8	4
AgriGold	A6476VT3Pro	VT3P	P500,V	110	219.8	18.6	1.0	32.9	1,386.9	6
Cornelius	C594VT3P	VT3P	P250	109	218.2	17.7	1.0	34.8	1,381.8	7
Great Lakes	5939G3VT3	VT3	P500,V	109	217.1	18.3	1.0	36.8	1,371.5	8
Channel	210-44VT2P	VT2P	P500,V	110	214.9	18.8	2.0	32.9	1,354.9	9
G2 Genetics	5X-909^*	HXT,RR2	C250	109	214.3	18.8	1.0	32.9	1,351.2	10
Dyna-Gro	V4993VT3	VT3	P250	109	212.6	17.1	3.7	31.9	1,349.5	11
Channel	210-57STX	STX	P500,V	110	212.6	18.1	1.0	34.8	1,344.2	12
Renk	RK818VT3P	VT3P	P250	108	211.3	18.5	2.0	37.8	1,333.8	13
Wyffels	W6871	VT3	P250	110	211.0	19.1	1.0	32.8	1,328.8	16
Kruger	K-6408VT3	VT3	P500,V	108	210.5	17.7	1.0	35.8	1,333.0	14
Titan Pro	80A08GL	3000GT	C250	108	209.9	17.7	1.0	35.8	1,329.2	15
Lewis	1009SS	STX	P500,V	109	209.3	18.2	1.0	32.9	1,322.8	17
NuTech	5N-1004*	3000GT	C250	110	209.1	18.4	1.0	36.8	1,320.5	18
Stine	9531VT3Pro*	VT3P	C250	107	208.4	18.2	1.0	35.8	1,317.1	19
Dyna-Gro	57V40	VT3	P250	110	208.3	18.7	4.7	33.9	1,313.9	20
FS Seeds	FS 58MV4	VT3P	C250	108	206.2	17.4	3.0	33.9	1,307.3	21
Dairyland	ST-9210SSX	STX	C250	110	205.9	18.4	1.0	33.9	1,300.3	22
LG Seeds	LG2549VT3	VT3	P500,V	109	204.5	17.9	1.0	34.8	1,294.0	23
Kruger	K4-9710	STX	P500,V	110	204.4	18.6	1.0	30.9	1,289.8	25
Stone	5714GVT3P	VT3P	P500,V	107	203.2	16.9	1.0	35.8	1,290.8	24
G2 Genetics	5H-0701^	HX,RR2	C250	106	202.9	17.5	1.0	34.8	1,285.9	27
AgriGold	A6384VT3Pro	VT3P	P500,V	106	202.1	16.2	1.0	37.8	1,287.4	26
Stine	9532VT3Pro*	VT3P	C250	106	202.0	17.3	1.0	29.9	1,281.2	29
Kruger	K-7907	VT3P	P500,V	107	201.9	16.6	1.0	33.8	1,284.1	28
Kruger	K4-9205	STX	P500,V	105	201.6	17.1	1.0	34.8	1,279.7	30
Pioneer	P1292AM1 CK	HXT,RR2	C250	112	196.9	18.9	1.0	35.8	1,241.0	42
Test Average =					200.3	17.8	1.8	34.3	1,268.2	
LSD (0.10) =					14.6	0.6	2.8			
C.V. =					5.4	2.4				

F.I.R.S.T. Manager

TEST COMMENTS: *Very nice looking plot. The site received some strong wind causing some green snap on a few hybrids. Pollination was very good with ears were filled to the tips with large, deep kernels. Some gray leaf spot was observed. Plants were tall with healthy stalks.*
Rainfall in this area was about 10 inches in May and June with only about 4 inches in July and August. Lat: N41.81364, Long: W-92.28846

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: 10/25/2011

Revised:

2011 BETTER HYBRIDS Harvest Report for Iowa East Central [IAEC]

Dan DeRycke, Poweshiek County, IA 52347 [VICTOR]

FULL SEASON TEST
111 - 114 Day CRM

B1IAEC30b

PREV. CROP/HERB: Soybean / Touchdown Total

SOIL DESCRIPTION: Ackmore silt loam, moderately drained, minimum w/o fall till, non-irrigated

SOIL CONDITIONS: Mod. High P, mod. high K, 6.8 pH, 2.9% OM

PEST MANAGEMENT: Lumax

30" ROW SPACING

FERTILITY - Applied N: 171 Fall,

Applied N-P-K (units): 171-52-60

SEEDED - RATE: May 10 35,100 /A

TOP 30 OF 63 FOR GROSS INCOME (SORTED BY YIELD)

HARVESTED - STAND: Oct 22 34,500 /A

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Cornelius	C623VT3P	VT3P	P250	110	229.7	18.4	1.0	37.8	1,450.6	1
Channel	214-14VT3P	VT3P	P500,V	114	226.1	18.3	1.0	35.8	1,428.4	2
AgriGold	A6573VT3	VT3	P500,V	114	225.7	19.9	1.0	32.8	1,416.8	3
Great Lakes	6232G3VT3	VT3	P500,V	112	222.3	19.8	1.0	33.9	1,396.0	4
Stone	6128GSS	STX	P500,V	111	221.1	18.8	1.0	33.9	1,394.0	5
Cornelius	C728VT3P	VT3P	P250	113	219.3	18.3	1.0	32.9	1,385.4	6
LG Seeds	LG2602VT3	VT3	P500,V	112	219.0	19.3	2.0	33.9	1,378.1	7
NuTech	5V-514*	3111	C250	114	218.0	19.8	1.0	34.9	1,369.0	9
Trelay	8VP118	VT3P	P500,V	113	217.4	20.1	1.0	35.8	1,363.6	11
Lewis	1211VT3P	VT3P	P500,V	111	217.2	19.0	1.0	34.9	1,368.4	10
Kruger	K-7211	VT3P	P500,V	111	217.1	18.4	1.0	35.8	1,371.0	8
Trelay	7VP855	VT3P	P500,V	112	216.0	18.6	1.0	35.8	1,363.0	12
FS Seeds	FS 64JV3	VT3	C250	114	215.6	18.8	1.0	33.8	1,359.4	14
Wyffels	W7477	VT3P	P250	112	215.4	18.2	1.0	29.9	1,361.3	13
Channel	212-75VT3P	VT3P	P500,V	112	215.1	18.3	1.0	37.8	1,358.9	15
Kruger	K-7312	VT3P	P500,V	112	215.0	18.9	1.0	40.8	1,355.0	16
Channel	212-17VT3P	VT3P	P500,V	112	214.4	18.6	1.0	32.9	1,352.9	17
Fielders Choice	NG6818	VT3	P250	114	213.0	19.6	1.0	34.8	1,338.7	19
Renk	RK880SSTX	STX	P250	112	212.3	18.7	1.0	35.8	1,339.1	18
Lewis	1113SS	STX	P500,V	113	212.0	19.0	1.0	34.9	1,335.6	20
LG Seeds	LG2636VT3	VT3	P500,V	114	210.3	20.3	1.0	33.8	1,318.1	23
Stine	9732VT3Pro*	VT3P	C250	112	210.1	19.4	2.0	34.9	1,321.5	21
AgriGold	A6553VT3	VT3	P500,V	113	209.5	19.3	3.0	34.8	1,318.3	22
Garst	83R38-3000GT GC	3000GT	C250	113	208.2	20.8	1.0	30.9	1,302.3	26
Wyffels	W7147	VT3P	P250	111	207.7	19.2	1.0	35.8	1,307.5	24
Trelay	7ST637	STX	P500,V	110	207.2	18.8	1.0	36.8	1,306.4	25
Pioneer	P1498HR GC	HX,RR2	P1250,V	114	206.3	19.9	2.0	34.8	1,295.0	28
Renze	2370HXT/LL/RR2*	HXT,RR2	C250	113	205.9	19.8	1.0	35.8	1,293.1	29
Stone	6114GVT3P	VT3P	P500,V	111	205.6	18.7	1.0	35.8	1,296.8	27
Titan Pro	80A13GLV	3111	C250	113	205.6	19.7	1.0	30.9	1,291.7	30
Pioneer	P1292AM1 CK	HXT,RR2	C250	112	192.0	19.4	2.0	34.8	1,207.7	44
Test Average =					198.1	19.2	5.0	34.5	1,246.7	
LSD (0.10) =					27.2	0.7	12.8			
C.V. =					10.1	2.9				

F.I.R.S.T. Manager

TEST COMMENTS: Very nice looking plot. The site received some strong wind causing some green snap on a few hybrids. Pollination was very good with ears were filled to the tips with large, deep kernels. Some gray leaf spot was observed. Plants were tall with healthy stalks.

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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

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

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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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