

2012 BETTER HYBRIDS Harvest Report for Iowa East Central [IAEC]

Jim Greif, Linn County, IA 52310 [CENTRAL CITY]

EARLY SEASON TEST

105 - 110 Day CRM

PREV. CROP/HERB: Corn / Guardsman Max, Impact B2IAEC25a
 SOIL DESCRIPTION: Kenyon loam, well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K, 6.9 pH, 6% OM
 PEST MANAGEMENT: Capreno, Guardsman Max, Headline, Force 30" ROW SPACING
 FERTILITY - Applied N: 11 Fall, 80 Planter, 100 Side
 Applied N-P-K (units): 191-52-120
 SEEDED - RATE: May 11 35,100 /A TOP 30 OF 72 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 24 33,400 /A AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Champion	57A13SS	STX	AC,P2	107	240.8	19.7	2	34.8	1,889	1
Garst	85E98-3000GT GC	3000GT	CE,C2	109	235.6	20.5	23	35.8	1,842	2
Titan Pro	81A10GL	3000GT	MQ,C2	110	234.8	22.2	1	33.4	1,823	3
Stine	9731SS	STX	AC,P2	110	228.5	21.0	1	37.8	1,783	5
Kruger	K4R-9205	STX-R	AC,P5V	105	228.4	20.3	2	32.3	1,787	4
Great Lakes	5939G3VT3	VT3	AC,P5V	109	227.5	21.1	1	33.8	1,774	6
Prairie Brand	1111RRHXT	HXT,RR2	MQ,C2	110	225.9	21.4	4	32.9	1,760	8
Pfister	2660GT	3000GT	AVC,C2	110	225.9	23.1	1	35.8	1,747	10
Steyer	11004GENSS	STX	MQ,C2	110	225.6	20.9	2	30.4	1,761	7
Dairyland	DS9610	3000GT	MQ,C2	110	224.4	23.1	1	31.9	1,735	13
FS InVISION	FS 55ZV4	VT3P	AC,P2	105	222.8	19.6	1	30.9	1,749	9
Kruger	K-7907	VT3P	AC,P5V	107	222.7	20.4	1	31.9	1,742	11
Champion	58A13SS	STX	AC,P2	108	222.2	20.7	1	35.4	1,736	12
Pfister	2574SS	STX	AVC,C2	110	221.7	21.9	4	33.9	1,723	15
Dekalb	DKC55-09RIB GC	STX-R	AC,P2	105	220.7	20.3	1	30.4	1,727	14
G2 Genetics	5H-1005^	HX,RR2	MQ,R,P1V	110	219.5	21.8	1	30.4	1,707	17
Lewis	1308VT3P	VT3P	AC,P5V	109	219.3	20.9	1	33.8	1,712	16
Dairyland	DS9210SSX	STX	AVC,C2	110	218.8	21.3	1	29.9	1,705	18
Renk	RK795VT3P	VT3P	AC,P2	108	218.5	21.4	1	28.8	1,702	19
LG Seeds	LG2549VT3	VT3	AC,P5V	109	217.5	21.0	1	32.9	1,697	20
Prairie Brand	1041SX	STX	AVC,C2	105	216.1	20.9	1	35.8	1,687	21
NuTech	5N-910	3000GT	MQ,R,C2	110	216.0	21.7	5	32.3	1,680	24
NuTech	5B-410	GT/CB/LL	MQ,R,C2	110	215.8	22.4	1	31.4	1,674	27
Cornelius	C533SS	STX	CE,C2	107	215.6	20.7	3	29.4	1,684	22
Champion	56A13VT3Pro	VT3P	AC,P2	106	215.1	20.6	1	33.8	1,681	23
Renk	RK752SSTX	STX	AC,P2	106	214.9	20.7	1	31.9	1,679	25
G2 Genetics	5H-309^	HX,RR2	MQ,R,P1V	109	214.7	21.1	13	31.4	1,674	26
FS InVISION	FS 60TV4	VT3P	AC,P2	110	213.9	21.6	1	34.9	1,665	28
Wyffels	W6871	VT3	AC,P5V	110	212.3	22.1	1	31.9	1,649	31
LG Seeds	LG2555VT3	VT3	AC,P5V	110	212.2	21.2	33	32.8	1,654	30
Garst	84H71-3000GT CK	3000GT	MQ,C2	112	213.7	22.7	1	31.4	1,655	29
Test Average =					207.8	21.1	3	33.4	1,621	
LSD (0.10) =					16.0	1.2	6			
C.V. =					5.7	4.1				


 F.I.R.S.T. Manager

TEST COMMENTS: This plot performed very well for the conditions it was put through. Plants were tall and healthy. Pollination looked very good with full ears. Some weak ear shanks could be seen. Stalks were still standing well with very little disease problems. Jim's weather station near the plot is showing only 17.5 inches of rainfall for this year so far.

Lat: 42.36139, Long: -91.48556

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.033 Price = \$8.00

† See last page for Product/Brand, Technology and Seed Treatment information.
 → 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, **ns** = not significantly different

2012 BETTER HYBRIDS Harvest Report for Iowa East Central [IAEC]

Jim Greif, Linn County, IA 52310 [CENTRAL CITY]

FULL SEASON TEST

111 - 114 Day CRM

B2IAEC25b

PREV. CROP/HERB: Corn / Guardsman Max, Impact
 SOIL DESCRIPTION: Kenyon loam, well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: Moderate P, moderate K, 6.9 pH, 6% OM
 PEST MANAGEMENT: Capreno, Guardsman Max, Headline, Force
 FERTILITY - Applied N: 11 Fall, 80 Planter, 100 Side
 Applied N-P-K (units): 191-52-120

30" ROW SPACING

SEEDED - RATE: May 11 35,100 /A
 HARVESTED - STAND: Oct 24 33,100 /A

TOP 30 OF 72 FOR GROSS INCOME (SORTED BY YIELD)

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Wyffels	W6917	VT3P	AC,P5V	111	220.3	22.1	1	31.4	1,711	1
LG Seeds	LG2641VT3	VT3	AC,P5V	114	219.5	23.1	5	33.9	1,697	2
FS InVISION	FS 63SV4	VT3P	AC,P2	113	216.7	24.5	1	31.4	1,666	3
Dairyland	DS9111SSX	STX	AVC,C2	111	213.9	22.9	9	33.9	1,655	4
Steyer	11207VT3PRO	VT3P	MQ,C2	112	213.7	24.5	1	33.8	1,643	7
LG Seeds	LG2620VT3	VT3	AC,P5V	113	213.0	22.4	1	31.4	1,652	5
Pfister	2674HXTR	HXT,RR2	AVC,C2	111	212.2	22.1	1	32.9	1,648	6
Renk	RK922VT3P	VT3P	AC,P2	114	209.4	23.4	1	34.3	1,617	8
LG Seeds	LG2636VT3Pro	VT3P	AC,P5V	114	208.2	24.8	2	32.8	1,598	10
Trelay	7VP855	VT3P	AC,P5V	112	205.7	21.6	1	34.8	1,601	9
Stine	9732VT3Pro	VT3P	AC,P2	111	205.1	22.8	2	31.4	1,588	12
Dairyland	DS9212Q	HXT,RR2	AVC,C2	112	204.6	22.0	1	35.8	1,590	11
AgriGold	A6533VT3	VT3	AC,P5V	113	204.5	22.8	2	30.9	1,583	13
Garst	83R38-3000GT GC	3000GT	CE,C2	114	203.4	25.8	1	34.8	1,555	15
Steyer	11407VT3PRO	VT3P	MQ,C2	114	202.6	24.3	1	31.9	1,559	14
Champion	61A13-3000GT	3000GT	MQ,C2	111	201.0	23.4	1	30.9	1,552	16
Kruger	K4R-9514	STX-R	AC,P2	114	200.5	25.0	1	35.8	1,538	19
Champion	62A13VT3Pro	VT3P	AC,P2	112	200.4	25.0	1	34.8	1,537	21
Lewis	1313VT3P	VT3P	AC,P5V	113	200.3	24.9	1	31.9	1,537	22
Lewis	1311VT3P	VT3P	AC,P5V	111	198.6	21.6	1	32.9	1,546	17
Titan Pro	2M11-SS	STX	AC,P5V	111	198.3	22.0	1	25.4	1,541	18
Dekalb	DKC62-97 GC	VT3P	AC,P2	112	198.3	22.5	1	35.8	1,537	20
G2 Genetics	3D-811AMX^	AMX,RR2	MQ,R,C2	112	197.3	23.7	2	30.9	1,522	24
Stine	9734VT3Pro	VT3P	AC,P2	113	196.7	25.1	1	32.9	1,508	27
Fontanelle	7V778	VT3P	AC,P2V	111	196.4	21.5	1	37.3	1,529	23
Titan Pro	1M13-3P	VT3P	AC,P2	113	196.3	23.2	1	33.3	1,517	25
FS InVISION	FS 62MV4	VT3P	AC,P2	112	194.4	23.0	1	35.8	1,504	29
Cornelius	C728VT3P	VT3P	CE,C2	112	194.3	22.1	1	33.3	1,509	26
Kruger	K-7312	VT3P	AC,P2	112	194.3	22.8	1	37.3	1,504	28
Channel	211-99VT3P	VT3P	AC,P5V	111	193.2	22.5	1	32.9	1,498	30
Garst	84H71-3000GT CK	3000GT	MQ,C2	112	192.4	23.5	4	31.9	1,485	34
Test Average =					190.0	23.6	3	33.1	1,466	
LSD (0.10) =					17.1	1.3	7			
C.V. =					6.6	4.2				


 F.I.R.S.T. Manager

TEST COMMENTS: This plot performed very well for the conditions it was put through. Plants were tall and healthy. Pollination looked very good with full ears. Some weak ear shanks could be seen. Stalks were still standing well with very little disease problems. Jim's weather station near the plot is showing only 17.5 inches of rainfall for this year so far.

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Footnotes, Abbreviations, and Trademarks

Brand Footnotes

^ G2® brand seed is distributed by NuTech Seed, LLC. HPT® brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMMaxx® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMMaxx® and XL® are registered trademarks of DuPont Pioneer.

Technologies

3111	Agrisure® Viptera™ 3111
3122	Agrisure® 3122
4011	Agrisure® 4011
3000GT	Agrisure® 3000GT
AM1	Optimum® AcreMax® 1
AMX	Optimum® AcreMax® Xtra
CB/LL	Agrisure® CB/LL
CB/LL/RW	Agrisure® CB/LL/RW
Conv	Conventional, non-GMO
GT	Agrisure® GT
GT/CB/LL	Agrisure® GT/CB/LL
HX	HERCULEX® I Insect Protection
HXT	HERCULEX® XTRA Insect Protection
LL	LibertyLink®
OI	Optimum® Intrasect™
RR	Roundup Ready® Soybeans
RR2	Roundup Ready® Corn 2
RR2Y	Genuity® Roundup Ready 2 Yield®
STS	STS® - sulfonylurea tolerant soybeans
STX	SmartStax®
STX-R	SmartStax® Refuge Corn Blend
VT2P	Genuity® VT Double PRO®
VT2P-R	Genuity® VT Double PRO® RIB Corn Blend
VT3	YieldGard VT Triple®
VT3P	Genuity® VT Triple PRO®
VT3P-R	Genuity® VT Triple PRO® RIB Corn Blend

Seed Treatments

A	Allegiance®
Ac	Acceleron® Products
Am	ApronMaxx®
Ap	Apron XL®
Avc	Avicta® Complete Corn
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed
Ce	Cruiser® Extreme
CMB	CruiserMaxx® Beans
D	Dynasty®
Es	Escalate®
Ex	Excalibre™
G	Gaucho®
I	Inovate™ System
Mq	Maxim® Quattro
Mx	Maxim® XL
None	untreated
O	Optimize®
P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed
Pr	Protinus™
R	Raxil®
Rc	Rancona®
S	Stamina®
SDPI	Servo™ DPI
SS+	SoyShield™ Plus
SStd	SureStand™
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
Th	thiabendazole
V	VOTIVO®
Z	zinc

Trademarks

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- Optimize® is a trademark of EMD Crop BioScience Inc.
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