

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

B.J. Boender, Mahaska County, IA 52577 [OSKALOOSA]

EARLY SEASON TEST

105 - 110 Day CRM

PREV. CROP/HERB: Soybean / Roundup B21AEC29a
 SOIL DESCRIPTION: Ladoga silt loam, well drained, minimum w/ fall till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K, 6.1 pH, 4% OM
 PEST MANAGEMENT: Roundup, Lumax 30" ROW SPACING
 FERTILITY - Applied N: 131 Fall
 Applied N-P-K (units): 131-20-39
 SEEDED - RATE: Apr 25 35,100 /A TOP 30 OF 72 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Sep 6 35,300 /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	119.3	19.9	1	35.8	935	1
Renze	CX12110HXT/LL/RR	HXT,RR2	AVC,C2	109	117.7	23.7	1	35.8	908	3
Great Lakes	5785VT3PRO	VT3P	AC,P5V	107	117.2	20.1	1	36.8	918	2
Pfister	2660GT	3000GT	AVC,C2	110	115.7	21.8	1	35.8	900	5
Steyer	10803GENSS	STX	MQ,C2	107	114.8	18.9	1	33.8	904	4
Dekalb	DKC55-09RIB GC	STX-R	AC,P2	105	113.6	19.6	1	39.8	892	7
Channel	207-13VT3P	VT3P	AC,P5V	107	113.3	18.6	2	35.8	893	6
Trelay	7VP293	VT3P	AC,P5V	110	112.5	25.2	1	35.8	863	10
Pioneer	P0636AM1 GC	AM1,RR2	MQ,P1V	106	110.3	21.7	1	34.8	858	12
AgriGold	A6433VT3Pro	VT3P	AC,P5V	108	110.1	24.3	1	35.8	848	17
AgriGold	A6408VT3Pro	VT3P	AC,P5V	107	110.0	18.9	1	34.3	866	8
Pfister	2595HR	HX,RR2	AC,P2	110	109.9	21.5	2	34.8	856	13
Renk	RK795VT3P	VT3P	AC,P2	108	109.3	21.9	1	33.9	850	14
Lewis	1308VT3P	VT3P	AC,P5V	109	109.2	17.7	1	34.8	864	9
LG Seeds	LG5533VT3Pro	VT3P	AC,P5V	107	108.2	20.1	1	34.8	848	16
FS InVISION	FS 55ZV4	VT3P	AC,P2	105	107.9	16.1	1	36.8	859	11
Dekalb	DKC57-76 GC	VT3P	AC,P2	107	107.6	18.5	1	34.3	849	15
Wyffels	W5787	VT3P	AC,P5V	108	107.6	20.9	2	36.8	840	18
Channel	209-77VT3	VT3	AC,P5V	109	107.5	21.5	1	35.4	837	20
Kruger	K-7306	VT3P	AC,P5V	106	107.1	20.2	1	38.3	839	19
Great Lakes	5939G3VT3	VT3	AC,P5V	109	106.1	21.9	1	35.8	825	23
Dairyland	DS9210SSX	STX	AVC,C2	110	105.4	24.0	1	35.8	812	26
Renk	RK752SSTX	STX	AC,P2	106	105.3	19.7	1	34.8	826	22
FS InVISION	FS 60TV4	VT3P	AC,P2	110	105.2	19.4	1	34.8	827	21
G2 Genetics	5Z-008^	OI,RR2	MQ,R,P1V	108	105.1	20.6	1	37.8	822	25
LG Seeds	LG2555VT3	VT3	AC,P5V	110	104.9	23.1	1	35.8	812	27
Champion	60A13VT3Pro	VT3P	AC,P2	110	104.3	18.3	1	38.3	823	24
G2 Genetics	5H-309^	HX,RR2	MQ,R,P1V	109	103.8	21.2	1	33.9	810	28
Pfister	2574SS	STX	AVC,C2	110	103.7	22.6	1	35.8	804	29
LG Seeds	LG5541VT3Pro	VT3P	AC,P5V	108	102.4	20.0	1	36.3	803	30
Garst	84H71-3000GT CK	3000GT	MQ,C2	112	101.7	23.4	1	35.8	786	33
Test Average =					97.8	21.3	1	35.3	763	
LSD (0.10) =					17.7	3.8	1			
C.V. =					13.4	13.1				


 F.I.R.S.T. Manager

TEST COMMENTS: Conditions were very good early with most area fields planted 10+ days before the plot. Lack of rain (9.5" below normal May to Aug.) and high temps affected corn yield here. Short ears, early leaf death and poor pollination indicate high stress on this crop. Very little lodging noted but stalks were weak. No major pest problems observed. Lat: 41.2572, Long: -92.67431

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]

B.J. Boender, Mahaska County, IA 52577 [OSKALOOSA]

FULL SEASON TEST

111 - 114 Day CRM

B2IAEC29b

 PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Ladoga silt loam, well drained, minimum w/ fall till, non-irrigated
 SOIL CONDITIONS: Moderate P, moderate K, 6.1 pH, 4% OM
 PEST MANAGEMENT: Roundup, Lumax
 FERTILITY - Applied N: 131 Fall
 Applied N-P-K (units): 131-20-39

30" ROW SPACING

 SEEDED - RATE: Apr 25 35,100 /A
 HARVESTED - STAND: Sep 6 35,600 /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
Titan Pro	1M13-3P	VT3P	AC,P2	113	115.2	21.0	1	35.8	899	1
Dairyland	DS9212Q	HXT,RR2	AVC,C2	112	111.1	23.2	2	33.3	859	2
Cornelius	C728VT3P	VT3P	CE,C2	112	108.7	23.8	1	35.8	839	3
Channel	212-26VT2P	VT2P	AC,P5V	112	107.2	22.2	1	36.8	833	4
Champion	62A13VT3Pro	VT3P	AC,P2	112	105.0	22.4	2	36.3	815	6
Channel	211-99VT3P	VT3P	AC,P5V	111	104.9	21.1	1	36.8	818	5
Pfister	2672HR	HX,RR2	AC,P2	111	104.4	24.6	1	33.8	803	7
Garst	83R38-3000GT GC	3000GT	CE,C2	114	102.2	30.9	1	35.8	765	13
FS InVISION	FS 63SV4	VT3P	AC,P2	113	102.1	25.0	1	35.8	784	9
Fontanelle	8V412	VT3P	AC,P2V	114	101.1	22.0	1	34.8	786	8
Dyna-Gro	D53VP61	VT3P	AC,P2	113	100.0	22.0	1	35.8	777	10
Titan Pro	2M11-SS	STX	AC,P5V	111	99.5	23.2	1	35.8	770	11
Kruger	K-7713	VT3P	AC,P2	113	99.2	22.7	1	36.3	769	12
Garst	84U58-3111 GC	3111	CE,C2	111	98.1	24.7	1	34.8	754	17
LG Seeds	LG2620VT3	VT3	AC,P5V	113	97.8	23.8	1	35.8	754	16
Wyffels	W6917	VT3P	AC,P5V	111	97.3	21.5	1	37.3	758	14
Fontanelle	7V778	VT3P	AC,P2V	111	96.4	25.8	1	36.3	737	19
Kruger	K-7911	VT3P	AC,P5V	111	95.8	21.0	1	36.8	748	18
Wyffels	W7057	VT3P	AC,P5V	111	95.5	18.0	1	31.3	755	15
Dairyland	DS9111SSX	STX	AVC,C2	111	95.2	23.0	1	33.3	737	20
Stine	9732VT3Pro	VT3P	AC,P2	111	94.4	26.5	1	36.8	720	23
Pfister	2674HXTR	HXT,RR2	AVC,C2	111	94.0	28.5	2	38.3	711	25
Lewis	1311VT3P	VT3P	AC,P5V	111	93.9	20.6	1	36.8	734	21
Dekalb	DKC62-97 GC	VT3P	AC,P2	112	93.8	22.3	1	34.3	728	22
AgriGold	A6573VT3Pro	VT3P	AC,P5V	113	93.7	28.3	1	36.8	709	26
Steyer	11207VT3PRO	VT3P	MQ,C2	112	92.5	26.7	1	38.3	705	28
Great Lakes	6354G3VT3	VT3	AC,P5V	113	92.2	24.7	1	35.3	709	27
Renze	CX23111SST	STX	AVC,C2	113	91.7	26.2	1	36.3	700	30
FS InVISION	FS 61BX1 RIB	STX-R	AC,P2	111	91.2	20.9	1	35.8	712	24
Trelay	8VP118	VT3P	AC,P5V	113	90.6	22.8	2	36.8	702	29
Garst	84H71-3000GT CK	3000GT	MQ,C2	112	85.9	26.4	1	36.8	655	45
Test Average =					88.6	25.1	1	35.6	680	
LSD (0.10) =					19.7	4.3	1			
C.V. =					16.4	12.6				

TEST COMMENTS: Conditions were very good early with most area fields planted 10+ days before the plot. Lack of rain (9.5" below normal May to Aug.) and high temps affected corn yield here. Short ears, early leaf death and poor pollination indicate high stress on this crop. Very little lodging noted but stalks were weak. No major pest problems observed.

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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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