

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

Diaan Roos, Scott County, IA 52716 [MUSCATINE]

EARLY SEASON TEST

105 - 110 Day CRM

PREV. CROP/HERB: Corn / Corvus, Atrazine, Roundup, Status B2IAEC27a
 SOIL DESCRIPTION: Tama silt loam, well drained, minimum w/ fall till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K, 6.8 pH, 4.8% OM
 PEST MANAGEMENT: Corvus, Atrazine, Status, Roundup 30" ROW SPACING
 FERTILITY - Applied N: 191 Fall
 Applied N-P-K (units): 191-46-114
 SEEDED - RATE: May 11 35,100 /A TOP 30 OF 72 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 1 35,400 /A AVERAGE of (2) REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Pfister	2574SS	STX	AVC,C2	110	197.1	17.6	3	31.4	1,560	1
Champion	57A13SS	STX	AC,P2	107	196.5	17.8	1	35.9	1,554	2
LG Seeds	LG5533VT3Pro	VT3P	AC,P5V	107	194.4	18.4	1	35.8	1,533	3
Pioneer	P0987HR GC	HX,RR2	MQ,P1V	109	194.4	19.0	1	34.4	1,530	4
Prairie Brand	1111RRHXT	HXT,RR2	MQ,C2	110	193.9	19.2	1	35.8	1,524	5
Trelay	7VP104	VT3P	AC,P5V	107	192.7	18.9	1	37.3	1,517	6
Wyffels	W5787	VT3P	AC,P5V	108	190.0	19.6	1	32.9	1,491	7
Titan Pro	2M07-SS	STX	AC,P5V	107	188.4	18.5	1	35.8	1,485	8
Pioneer	P0636AM1	AM1,RR2	MQ,P1V	106	188.2	18.7	1	34.4	1,483	9
LG Seeds	LG2555VT3	VT3	AC,P5V	110	187.4	19.6	1	37.3	1,471	10
Great Lakes	5939G3VT3	VT3	AC,P5V	109	184.1	18.7	1	34.4	1,450	11
Titan Pro	1M05-SS	STX	AC,P2	105	182.1	18.9	1	34.4	1,433	12
Channel	207-13VT3P	VT3P	AC,P5V	107	181.8	18.8	1	34.4	1,432	13
Renze	CX12110HXT/LL/RR	HXT,RR2	AVC,C2	109	180.0	21.2	1	29.9	1,403	17
Pioneer	P0636HR GC	HX,RR2	MQ,P1V	106	179.7	19.2	1	35.9	1,413	15
Great Lakes	5785VT3PRO	VT3P	AC,P5V	107	179.4	18.0	1	32.9	1,417	14
FS InVISION	FS 56TX1 RIB	STX-R	AC,P2	106	179.0	18.6	1	35.8	1,411	16
Renk	RK795VT3P	VT3P	AC,P2	108	179.0	21.0	1	35.9	1,397	19
Dekalb	DKC55-09RIB GC	STX-R	AC,P2	105	177.4	17.9	1	34.4	1,402	18
Cornelius	C594VT3P	VT3P	CE,C2	109	177.3	19.2	1	35.8	1,394	20
LG Seeds	LG2549VT3	VT3	AC,P5V	109	177.1	19.0	1	29.2	1,393	21
Lewis	1308VT3P	VT3P	AC,P5V	109	176.7	19.1	1	38.8	1,390	22
Prairie Brand	1085GT3	3000GT	MQ,C2	108	176.0	19.7	1	34.4	1,381	24
FS InVISION	FS 59SV4	VT3P	AC,P2	109	175.2	20.5	1	30.7	1,370	27
Trelay	7VP518	VT3P	AC,P5V	110	175.1	17.2	1	31.4	1,388	23
Champion	60A13VT3Pro	VT3P	AC,P2	110	174.9	21.7	1	38.8	1,361	30
Steyer	10803GENSS	STX	MQ,C2	107	174.6	18.3	1	38.1	1,378	25
Titan Pro	81A10GL	3000GT	MQ,C2	110	174.2	20.0	1	32.9	1,365	28
AgriGold	A6408VT3Pro	VT3P	AC,P5V	107	174.1	18.1	1	35.8	1,375	26
Wyffels	W6871	VT3	AC,P5V	110	174.0	20.1	1	38.8	1,363	29
Garst	84H71-3000GT CK	3000GT	MQ,C2	112	163.1	21.3	1	35.9	1,271	50
Test Average =					169.5	19.1	1	35.4	1,333	
LSD (0.10) =					17.2	1.2	0			
C.V. =					6.1	3.7				


 F.I.R.S.T. Manager

TEST COMMENTS: *This test site provided very good corn on corn yield results. Plants were tall and well developed. Ears were filled out to the tips and retained tightly by the stalks. No insect, weed or disease problems were seen. This plot received rain when it needed it most to help maintain yield potential.* Lat: 41.45168, Long: -91.137

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]

Diaan Roos, Scott County, IA 52716 [MUSCATINE]

FULL SEASON TEST

111 - 114 Day CRM

B2IAEC27b

PREV. CROP/HERB: Corn / Corvus, Atrazine, Roundup, Status
 SOIL DESCRIPTION: Tama silt loam, well drained, minimum w/ fall till, non-irrigated
 SOIL CONDITIONS: Moderate P, moderate K, 6.8 pH, 4.8% OM
 PEST MANAGEMENT: Corvus, Atrazine, Status, Roundup
 FERTILITY - Applied N: 191 Fall
 Applied N-P-K (units): 191-46-114

30" ROW SPACING

SEEDED - RATE: May 11 35,100 /A
 HARVESTED - STAND: Oct 1 35,200 /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
Renze	CX23111SST	STX	AVC,C2	113	203.3	20.8	1	33.8	1,588	1
Pfister	2674HXTR	HXT,RR2	AVC,C2	111	200.3	21.3	1	36.8	1,561	2
FS InVISION	FS 63SV4	VT3P	AC,P2	113	197.0	25.1	1	36.3	1,510	5
FS InVISION	FS 61BX1 RIB	STX-R	AC,P2	111	196.6	19.9	1	36.8	1,541	3
Champion	62A13VT3Pro	VT3P	AC,P2	112	194.7	24.0	1	36.8	1,500	7
Titan Pro	2M11-SS	STX	AC,P5V	111	194.4	21.4	1	35.8	1,514	4
G2 Genetics	3D-811AMX^	AMX,RR2	MQ,R,C2	112	193.1	21.3	1	34.8	1,505	6
Dairyland	DS9111SSX	STX	AVC,C2	111	192.2	21.3	1	36.8	1,498	8
LG Seeds	LG2641VT3	VT3	AC,P5V	114	189.8	21.8	1	33.8	1,476	9
Garst	84U58-3111 GC	3111	CE,C2	111	189.1	21.0	1	34.8	1,475	10
Titan Pro	X2M14	VT3P	AC,P5V	114	188.9	22.4	1	36.8	1,465	11
LG Seeds	LG2620VT3	VT3	AC,P5V	113	187.7	21.0	1	33.9	1,464	12
Lewis	1313VT3P	VT3P	AC,P5V	113	187.6	23.0	1	35.8	1,451	15
Great Lakes	6354G3VT3	VT3	AC,P5V	113	187.3	21.5	1	34.9	1,458	13
Renze	3332SST	STX	AVC,C2	111	187.1	21.3	1	34.8	1,458	14
Channel	211-99VT3P	VT3P	AC,P5V	111	186.2	22.3	1	35.8	1,445	16
Channel	214-14VT3P	VT3P	AC,P5V	114	185.5	24.4	1	33.8	1,427	19
Fontanelle	7V778	VT3P	AC,P2V	111	184.9	20.7	2	35.8	1,444	17
Kruger	K-7911	VT3P	AC,P5V	111	184.7	20.8	1	33.9	1,442	18
Dairyland	DS9212Q	HXT,RR2	AVC,C2	112	180.2	21.6	1	31.4	1,402	20
FS InVISION	FS 64JV4	VT3P	AC,P2	114	179.7	25.6	1	32.9	1,375	23
Pfister	2672HR	HX,RR2	AC,P2	111	178.2	24.8	1	35.8	1,368	27
Steyer	11207VT3PRO	VT3P	MQ,C2	112	177.8	24.1	1	35.8	1,369	25
AgriGold	A6476VT3Pro	VT3P	AC,P5V	111	177.4	22.5	1	36.3	1,375	22
Steyer	11203-3000GT	3000GT	MQ,C2	112	176.8	21.1	1	32.9	1,379	21
LG Seeds	LG2602VT3Pro	VT3P	AC,P5V	112	176.8	22.9	1	36.8	1,368	26
G2 Genetics	5Z-1204^	OI,RR2	MQ,R,P1V	113	176.3	22.1	1	32.9	1,369	24
Renk	RK922VT3P	VT3P	AC,P2	114	174.6	20.7	1	35.3	1,364	28
Channel	213-40VT3P	VT3P	AC,P5V	113	173.3	23.1	1	35.8	1,340	30
Renk	RK880SSTX RIB	STX-R	AC,P2	112	173.1	19.7	1	35.8	1,358	29
Garst	84H71-3000GT CK	3000GT	MQ,C2	112	153.3	23.5	1	34.8	1,183	60
Test Average =					168.5	22.3	1	35.2	1,307	
LSD (0.10) =					19.8	0.6	0			
C.V. =					8.7	2.1				


 F.I.R.S.T. Manager

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Lat: 41.45168, Long: -91.137

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



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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