

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

Jason Kwapil, Benton County, IA 52324 [PALO]

EARLY SEASON TEST

105 - 110 Day CRM

PREV. CROP/HERB: Soybean / Roundup B21AEC26a
 SOIL DESCRIPTION: Dindale silty clay loam, well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K, 6 pH, 4% OM
 PEST MANAGEMENT: Halex GT, Force 30" ROW SPACING
 FERTILITY - Applied N: 140 Fall, 15 Spring
 Applied N-P-K (units): 155-52-70
 SEEDED - RATE: May 9 35,100 /A TOP 30 OF 72 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 12 35,600 /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
FS InVISION	FS 59SV4	VT3P	AC,P2	109	196.6	15.1	1	33.9	1,572	1
Great Lakes	5939G3VT3	VT3	AC,P5V	109	188.0	14.5	1	34.8	1,504	2
LG Seeds	LG2555VT3	VT3	AC,P5V	110	181.2	15.9	1	35.8	1,444	3
Titan Pro	80A08GL	3000GT	AC,P5V	108	180.4	14.6	1	35.8	1,443	4
G2 Genetics	5H-309^	HX,RR2	MQ,R,P1V	109	180.3	15.1	1	36.3	1,442	5
LG Seeds	LG2549VT3	VT3	AC,P5V	109	179.7	14.9	1	33.9	1,438	6
Pioneer	P0636AM1 GC	AM1,RR2	MQ,P1V	106	178.6	14.4	1	32.3	1,429	7
Channel	207-13VT3P	VT3P	AC,P5V	107	175.3	14.8	1	31.4	1,402	8
Prairie Brand	1085GT3	3000GT	MQ,C2	108	174.3	15.1	1	34.8	1,394	9
Pfister	2574SS	STX	AVC,C2	110	174.0	15.4	1	37.3	1,390	10
Dekalb	DKC55-09RIB GC	STX-R	AC,P2	105	173.6	15.1	1	34.3	1,388	11
Stine	9529VT3Pro	VT3P	AC,P2	107	173.5	14.7	2	35.8	1,388	12
Cornelius	C533SS	STX	CE,C2	107	173.4	15.1	1	35.8	1,387	13
Titan Pro	81A10GL	3000GT	MQ,C2	110	173.3	15.4	1	38.3	1,384	14
Wyffels	W6871	VT3	AC,P5V	110	173.3	15.8	1	34.8	1,382	15
Titan Pro	1M05-SS	STX	AC,P2	105	172.6	14.5	1	35.8	1,381	16
Channel	209-77VT3	VT3	AC,P5V	109	171.8	15.2	1	35.8	1,373	18
Kruger	K4R-9710	STX-R	AC,P5V	110	171.7	14.9	1	34.8	1,374	17
Champion	60A13VT3Pro	VT3P	AC,P2	110	170.4	15.5	2	35.8	1,360	19
Steyer	10702-3000GT	3000GT	MQ,C2	108	170.1	15.1	1	35.8	1,360	20
AgriGold	A6408VT3Pro	VT3P	AC,P5V	107	169.9	15.4	1	35.8	1,357	21
Prairie Brand	1111RRHXT	HXT,RR2	MQ,C2	110	169.4	14.5	1	38.3	1,355	22
Champion	58A13SS	STX	AC,P2	108	168.0	15.5	1	34.8	1,341	23
Renk	RK752SSTX	STX	AC,P2	106	166.9	14.3	1	33.3	1,335	24
Cornelius	C574VT3P	VT3P	AC,P2	108	165.6	14.5	1	35.8	1,325	25
Renze	CX12110HXT/LL/RR	HXT,RR2	AVC,C2	109	164.5	15.3	1	35.8	1,314	26
AgriGold	A6458VT3	VT3	AC,P5V	109	163.9	15.0	1	35.8	1,311	27
Dairyland	DS9210SSX	STX	AVC,C2	110	163.4	16.5	1	36.3	1,299	29
Renk	RK795VT3P	VT3P	AC,P2	108	163.3	16.0	3	37.3	1,301	28
Stine	9728EVT3Pro	VT3P	AC,P2	109	161.3	14.9	1	34.8	1,290	30
Garst	84H71-3000GT CK	3000GT	MQ,C2	112	136.2	16.4	1	34.8	1,083	66
Test Average =					159.0	15.0	1	35.6	1,270	
LSD (0.10) =					22.6	1.0	2			
C.V. =					10.5	4.9				


 F.I.R.S.T. Manager

TEST COMMENTS: *Drought conditions effected this plot. Small ears, poor pollination and poor kernel set could be seen. Ears were of variable lengths and kernels size was small. Plants were tall and healthy but with no rain for the past 25 weeks held back yield potential. Stalks and ear shanks were getting weak at harvest.*

Lat: 42.03891, Long: -91.7877

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. <i>Italicized</i> 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]

Jason Kwapil, Benton County, IA 52324 [PALO]

FULL SEASON TEST

111 - 114 Day CRM

B2IAEC26b

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Dindale silty clay loam, well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: Moderate P, moderate K, 6 pH, 4% OM
 PEST MANAGEMENT: Halex GT, Force
 FERTILITY - Applied N: 140 Fall, 15 Spring
 Applied N-P-K (units): 155-52-70

30" ROW SPACING

SEEDED - RATE: May 9 35,100 /A
 HARVESTED - STAND: Oct 12 35,800 /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
Fontanelle	8V412	VT3P	AC,P2V	114	167.6	18.2	1	34.8	1,323	1
Great Lakes	6232VT3PRO	VT3P	AC,P5V	112	158.4	16.8	1	35.8	1,258	2
LG Seeds	LG2620VT3	VT3	AC,P5V	113	156.6	16.2	1	35.8	1,247	3
AgriGold	A6533VT3	VT3	AC,P5V	113	154.7	16.1	2	35.8	1,232	4
Stine	9732VT3Pro	VT3P	AC,P2	111	153.5	17.0	1	35.8	1,218	5
FS InVISION	FS 62MV4	VT3P	AC,P2	112	150.5	16.8	1	34.8	1,195	6
AgriGold	A6573VT3Pro	VT3P	AC,P5V	113	147.7	18.4	1	39.8	1,165	7
Renze	3332SST	STX	AVC,C2	111	146.2	16.3	1	36.3	1,163	8
Kruger	K-7911	VT3P	AC,P5V	111	144.9	15.9	1	35.8	1,155	9
Cornelius	C728VT3P	VT3P	CE,C2	112	143.4	16.4	1	35.8	1,141	10
Dyna-Gro	D51VP40	VT3P	AC,P2	111	142.4	16.0	1	36.8	1,135	11
Renze	CX23111SST	STX	AVC,C2	113	141.6	16.4	1	38.3	1,126	12
Dairyland	DS9414Q	HXT,RR2	AVC,C2	114	141.0	16.9	1	35.8	1,119	13
Wyffels	W7057	VT3P	AC,P5V	111	140.7	16.9	1	36.3	1,117	15
Titan Pro	X82A13	GT	MQ,C2	113	140.4	19.1	1	36.8	1,104	19
Dairyland	DS9111SSX	STX	AVC,C2	111	140.3	15.8	1	35.8	1,119	14
Champion	62A13VT3Pro	VT3P	AC,P2	112	139.6	17.7	1	34.8	1,104	18
Steyer	11302VT3PRO	VT3P	MQ,C2	113	139.4	16.8	1	35.3	1,107	16
FS InVISION	FS 63SV4	VT3P	AC,P2	113	139.0	16.2	1	35.8	1,107	17
Titan Pro	1M13-3P	VT3P	AC,P2	113	138.9	16.7	1	33.9	1,103	20
LG Seeds	LG2602VT3Pro	VT3P	AC,P5V	112	138.5	17.3	1	35.8	1,098	21
Trelay	8VP118	VT3P	AC,P5V	113	137.3	17.2	1	35.8	1,088	22
Lewis	1313VT3P	VT3P	AC,P5V	113	136.7	17.6	1	35.8	1,082	25
Dairyland	DS9212Q	HXT,RR2	AVC,C2	112	136.5	16.8	1	34.8	1,084	23
G2 Genetics	5Z-1205^	OI,RR2	MQ,R,P1V	112	136.4	17.0	1	35.8	1,082	24
Garst	83R38-3000GT GC	3000GT	CE,C2	114	136.2	18.5	1	33.4	1,074	27
Pioneer	P1360HR GC	HX,RR2	MQ,P1V	113	135.5	17.5	1	36.8	1,073	28
Kruger	K-7312	VT3P	AC,P2	112	135.4	17.0	1	34.8	1,074	26
Dekalb	DKC61-88 GC	VT3P	AC,P2	111	134.4	16.5	1	35.8	1,069	29
Dyna-Gro	D53VP61	VT3P	AC,P2	113	133.2	16.5	1	36.8	1,059	30
Garst	84H71-3000GT CK	3000GT	MQ,C2	112	130.7	17.5	1	35.8	1,035	41
Test Average =					132.5	17.1	1	35.8	1,050	
LSD (0.10) =					19.7	1.0	1			
C.V. =					11.0	4.5				


 F.I.R.S.T. Manager

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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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