

2012 BETTER HYBRIDS Harvest Report for Iowa West Central [IAWC]

Don Ferguson, Greene County, IA 50050 [CHURDAN]

EARLY SEASON TEST

105 - 110 Day CRM

B2IAWC39a

 PREV. CROP/HERB: Soybean / Prefix, Select Max, Roundup WeatherMax
 SOIL DESCRIPTION: Nicollet loam, well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITION: Mod. Low P, mod. low K, 6 pH, 2.6% OM
 PEST MANAGEMENT: Harness, Roundup WeatherMax, Callisto
 FERTILITY - Applied N: 139 Fall
 Applied N-P-K (units): 139-110-140

30" ROW SPACING

 SEEDED - RATE: Apr 26 35,100 /A
 HARVESTED - STAND: Sep 17 35,800 /A

TOP 30 OF 54 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
FS InVISION	FS 60TV4	VT3P	AC,P2	110	159.9	16.1	8	34.8	1,273	1
G2 Genetics	5Z-008^	OI,RR2	MQ,R,P1V	108	158.7	16.1	1	36.8	1,264	2
Pfister	2595HR	HX,RR2	AC,P2	110	153.7	18.0	5	34.8	1,214	4
Kruger	K-7306	VT3P	AC,P5V	106	152.4	14.9	1	34.8	1,219	3
Producers	6794VT3Pro	VT3P	AC,P5V	107	149.2	14.7	1	35.8	1,194	5
Prairie Brand	X121103RRHX	HX,RR2	AC,P2	110	149.1	18.5	4	35.8	1,176	7
Producers	7014VT3	VT3	AC,P5V	110	149.0	17.5	1	35.8	1,180	6
Champion	1099VT3Pro	VT3P	MQ,C2	109	147.4	16.2	1	36.8	1,173	8
LG Seeds	LG5550VT3Pro	VT3P	AC,P5V	106	143.8	17.2	1	33.9	1,140	9
Champion	56A13VT3Pro	VT3P	AC,P2	106	142.1	15.7	1	34.8	1,134	10
Producers	6884VT3Pro	VT3P	AC,P5V	108	141.9	16.5	5	34.9	1,128	11
Titan Pro	2M07-SS	STX	AC,P5V	107	138.2	15.4	9	36.8	1,104	12
AgriGold	A6403VT3Pro	VT3P	AC,P5V	107	137.6	15.2	1	35.8	1,100	13
Titan Pro	81A10GL	3000GT	MQ,C2	110	136.6	18.2	15	35.8	1,078	14
Great Lakes	5785VT3PRO	VT3P	AC,P5V	107	135.6	16.5	9	35.8	1,078	15
Kruger	K4R-9710	STX-R	AC,P5V	110	133.4	17.2	2	36.8	1,058	16
Stine	9529VT3Pro	VT3P	AC,P2	107	130.2	15.8	2	33.8	1,038	17
Wyffels	W6871	VT3	AC,P5V	110	129.7	16.9	14	36.8	1,030	19
Channel	20985VT3P	VT3P	AC,P5V	109	129.6	16.6	6	36.8	1,030	18
LG Seeds	LG2555VT3	VT3	AC,P5V	110	128.7	17.8	43	33.9	1,018	22
Kruger	K-7907	VT3P	AC,P5V	107	127.6	14.5	2	33.9	1,021	20
Titan Pro	1M05-SS	STX	AC,P2	105	127.5	14.7	2	35.8	1,020	21
G2 Genetics	5H-1005^	HX,RR2	MQ,R,P1V	110	127.2	18.5	22	35.8	1,003	24
Wyffels	W5787	VT3P	AC,P5V	108	126.7	15.0	2	33.8	1,014	23
FS InVISION	FS 56TX1 RIB	STX-R	AC,P2	106	124.6	14.6	4	34.8	997	25
Stine	9731VT3Pro	VT3P	AC,P2	110	124.4	16.9	1	35.8	987	26
Pfister	2660GT	3000GT	AVC,C2	110	123.2	17.4	38	32.4	976	28
LG Seeds	LG2549VT3	VT3	AC,P5V	109	122.0	18.1	1	35.8	964	31
AgriGold	A6408VT3Pro	VT3P	AC,P5V	107	121.8	16.1	14	35.8	970	29
FS InVISION	FS 59SV4	VT3P	AC,P2	109	120.7	15.3	28	37.8	964	30
Garst	84H71-3000GT CK	3000GT	MQ,C2	112	124.4	17.8	5	36.8	984	27
Test Average =					122.8	15.5	14	35.8	977	
LSD (0.10) =					45.7	4.7	25			
C.V. =					27.4	22.4				


 F.I.R.S.T. Manager

TEST COMMENTS: Sometime around pollination, this site received high winds causing plants to green snap off about a foot above the ground in small random areas across the field. These plants did not produce ears causing highly variable yields. Plants were short to medium height. Weak stalks were lodging at harvest. Data rejected due to green snap related yield variability. Lat: 42.12262, Long: -94.49403

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 West Central [IAWC]

Don Ferguson, Greene County, IA 50050 [CHURDAN]

FULL SEASON TEST

111 - 114 Day CRM

B2IAWC39b

 PREV. CROP/HERB: Soybean / Prefix, Select Max, Roundup WeatherMax
 SOIL DESCRIPTION: Nicollet loam, well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: Mod. Low P, mod. low K, 6 pH, 2.6% OM
 PEST MANAGEMENT: Harness, Roundup WeatherMax, Callisto
 FERTILITY - Applied N: 139 Fall
 Applied N-P-K (units): 139-110-140

30" ROW SPACING

 SEEDED - RATE: Apr 26 35,100 /A
 HARVESTED - STAND: Sep 17 35,000 /A

TOP 30 OF 54 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
AgriGold	A6553VT3	VT3	AC,P5V	113	170.6	18.4	33	34.8	1,346	1
Kruger	K-7911	VT3P	AC,P5V	111	165.6	17.8	6	32.9	1,310	2
Garst	83R38-3000GT GC	3000GT	CE,C2	114	162.0	23.7	2	36.8	1,250	4
FS InVISION	FS 63SV4	VT3P	AC,P2	113	160.7	19.3	5	34.8	1,263	3
Champion	62A13VT3Pro	VT3P	AC,P2	112	156.5	18.6	2	35.8	1,233	5
Champion	61A13-3000GT	3000GT	MQ,C2	111	153.7	17.4	30	35.8	1,217	6
Fontanelle	8V412 GC	VT3P	AC,P2V	114	153.6	17.7	2	36.8	1,215	7
Producers	7394VT3	VT3	AC,P5V	113	153.0	18.8	13	34.9	1,205	8
Wyffels	W6917	VT3P	AC,P5V	111	151.6	17.6	1	35.8	1,200	9
Titan Pro	1M13-3P	VT3P	AC,P2	113	146.4	18.6	1	34.9	1,154	10
G2 Genetics	3D-811AMX^	AMX,RR2	MQ,R,C2	112	145.3	18.8	16	35.8	1,144	11
FS InVISION	FS 61BX1 RIB	STX-R	AC,P2	111	144.1	17.8	4	32.9	1,140	12
Kruger	K-7312	VT3P	AC,P2	112	143.5	18.1	4	33.9	1,133	13
Champion	62A12VT3Pro	VT3P	AC,P2	112	143.2	19.0	2	37.8	1,127	14
Producers	7224VT3Pro	VT3P	AC,P5V	112	142.8	20.6	1	37.8	1,116	19
G2 Genetics	5X-411^	HKT,RR2	MQ,R,C2	111	141.7	18.6	2	29.9	1,117	18
Wyffels	W7997	VT3P	AC,P5V	113	141.3	16.3	10	32.9	1,124	16
Wyffels	W7057	VT3P	AC,P5V	111	140.9	16.5	1	31.9	1,120	17
Dyna-Gro	D51VP40	VT3P	AC,P2	111	140.5	16.8	1	37.8	1,116	20
Stine	S733VT3Pro	VT3P	AC,P2	113	140.3	21.3	30	37.8	1,093	22
Wyffels	W7477	VT3P	AC,P5V	112	139.4	18.9	1	35.8	1,097	21
G2 Genetics	5Z-1205^	OI,RR2	MQ,R,P1V	112	138.5	18.6	1	33.9	1,092	23
Channel	211-99VT3P	VT3P	AC,P5V	111	136.9	17.0	31	34.8	1,086	24
G2 Genetics	5Z-1204^	OI,RR2	MQ,R,P1V	113	136.6	19.3	4	36.8	1,073	25
Great Lakes	6232VT3PRO	VT3P	AC,P5V	112	135.3	20.9	17	35.8	1,056	27
Titan Pro	2M11SS	STX	AC,P5V	111	134.2	17.5	6	32.9	1,063	26
Titan Pro	X82A13	GT	MQ,C2	113	132.6	18.1	1	35.8	1,047	28
Renze	CX23111SST	STX	AVC,C2	113	132.6	18.7	25	33.9	1,045	29
Dyna-Gro	D52VP20	VT3P	AC,P2	112	130.8	17.4	17	35.8	1,036	31
Dekalb	DKC62-97 GC	VT3P	AC,P2	112	130.0	15.8	5	32.9	1,037	30
Garst	84H71-3000GT CK	3000GT	MQ,C2	112	143.7	20.1	8	34.8	1,125	15
Test Average =					131.2	17.9	17	35.0	1,036	
LSD (0.10) =					42.5	4.6	23			
C.V. =					23.8	19.1				

TEST COMMENTS: Sometime around pollination, this site received high winds causing plants to green snap off about a foot above the ground in small random areas across the field. These plants did not produce ears causing highly variable yields. Plants were short to medium height. Weak stalks were lodging at harvest. Data rejected due to green snap related yield variability. Lat: 42.12262, Long: -94.49403

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

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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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- STS® is a trademark of E.I. DuPont Nemours & Co.
- Optimize® is a trademark of EMD Crop BioScience Inc.
- SoyShield™ Plus is a trademark of Latham Hi-Tech Seeds
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