

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

Mark & Keith Bentley, Pottawattamie County, IA 51560 [OAKLAND]

EARLY SEASON TEST

105 - 110 Day CRM

B2IAWC38a

 PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Judson silt loam, mod. well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITION: High P, high K, 6.3 pH, 4.1% OM
 PEST MANAGEMENT: Roundup, TripleFlex, Force
 FERTILITY - Applied N: 160 Fall, 40 Spring
 Applied N-P-K (units): 200-0-0

30" ROW SPACING

 SEEDED - RATE: May 9 35,100 /A
 HARVESTED - STAND: Sep 21 34,700 /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
Champion	56A13VT3Pro	VT3P	AC,P2	106	185.4	18.8	1	34.4	1,460	1
G2 Genetics	5H-1005^	HX,RR2	MQ,R,P1V	110	173.2	19.0	3	34.8	1,363	2
Stine	9731VT3Pro	VT3P	AC,P2	110	167.8	19.1	1	33.8	1,320	4
AgriGold	A6403VT3Pro	VT3P	AC,P5V	107	167.7	16.9	1	34.8	1,331	3
Prairie Brand	1111RRHXT	HXT,RR2	MQ,C2	110	165.1	20.9	9	34.8	1,289	6
Renze	CX12110HXT/LL/RR	HXT,RR2	AVC,C2	109	164.3	19.7	1	33.8	1,289	5
Prairie Brand	X121103RRHX	HX,RR2	AC,P2	110	163.9	20.7	2	34.8	1,280	7
Channel	209-77VT3	VT3	AC,P5V	109	161.2	18.5	4	34.8	1,271	8
LG Seeds	LG2549VT3	VT3	AC,P5V	109	160.2	18.4	1	33.8	1,264	9
Pfister	2574SS	STX	AVC,C2	110	157.6	19.4	12	35.8	1,238	11
G2 Genetics	5Z-008^	OI,RR2	MQ,R,P1V	108	157.1	17.6	2	35.8	1,243	10
FS InVISION	FS 60TV4	VT3P	AC,P2	110	154.9	17.9	3	35.8	1,224	12
LG Seeds	LG2555VT3	VT3	AC,P5V	110	149.8	17.5	11	35.8	1,186	13
Pfister	2595HR	HX,RR2	AC,P2	110	149.7	18.2	5	34.8	1,182	15
Producers	6794VT3Pro	VT3P	AC,P5V	107	148.9	16.8	1	32.9	1,182	14
Titan Pro	X2M08	VT3P	AC,P5V	108	148.0	17.3	2	35.8	1,173	16
Titan Pro	81A10GL	3000GT	MQ,C2	110	148.0	18.3	1	34.8	1,168	17
Wyffels	W6871	VT3	AC,P5V	110	147.2	19.5	3	33.8	1,156	20
G2 Genetics	5H-309^	HX,RR2	MQ,R,P1V	109	146.6	18.2	5	35.8	1,157	19
Pfister	2660GT	3000GT	AVC,C2	110	146.5	18.8	6	34.8	1,154	21
Producers	6884VT3Pro	VT3P	AC,P5V	108	146.2	16.7	1	34.8	1,161	18
Pioneer	P0636AM1	AM1,RR2	MQ,P1V	106	145.5	18.7	2	34.8	1,146	23
NuTech	5B-410	GT/CB/LL	MQ,R,C2	110	145.3	18.6	1	36.3	1,145	24
Kruger	K-7907	VT3P	AC,P5V	107	144.4	16.5	3	33.8	1,148	22
Prairie Brand	1085GT3	3000GT	MQ,C2	108	143.7	18.5	2	35.8	1,133	28
Stine	9529VT3Pro	VT3P	AC,P2	107	143.6	16.4	14	34.8	1,142	25
Great Lakes	5785VT3PRO	VT3P	AC,P5V	107	143.6	16.5	2	33.8	1,142	26
Producers	7014VT3	VT3	AC,P5V	110	143.3	17.6	1	35.8	1,134	27
Champion	60A13VT3Pro	VT3P	AC,P2	110	142.4	16.7	2	34.8	1,131	29
Wyffels	W5787	VT3P	AC,P5V	108	141.1	17.1	3	32.9	1,119	30
Garst	84H71-3000GT CK	3000GT	MQ,C2	112	123.2	19.7	2	33.8	967	54
Test Average =					144.4	17.8	4	34.7	1,142	
LSD (0.10) =					8.6	0.7	8			
C.V. =					4.4	2.9				


 F.I.R.S.T. Manager

TEST COMMENTS: This site had very tall plants with high ear placement. Stalks were still holding up though some hybrids were showing weakness. High winds in July lodged many area fields but this plot had little damage. Lack of moisture and high temps limited yields of many hybrids. Some hybrids had weak ear shanks which made harvest difficult with the tall plants.

Lat: 41.29506, Long: -95.40375

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]

Mark & Keith Bentley, Pottawattamie County, IA 51560 [OAKLAND]

FULL SEASON TEST

111 - 114 Day CRM

B2IAWC38b

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Judson silt loam, mod. well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.3 pH, 4.1% OM
 PEST MANAGEMENT: Roundup, TripleFlex, Force
 FERTILITY - Applied N: 160 Fall, 40 Spring
 Applied N-P-K (units): 200-0-0

30" ROW SPACING

SEEDED - RATE: May 9 35,100 /A
 HARVESTED - STAND: Sep 21 34,700 /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 63SV4	VT3P	AC,P2	113	204.8	22.4	1	34.8	1,588	1
Producers	7414VT3	VT3	AC,P5V	114	194.5	22.2	6	35.8	1,510	3
Fontanelle	8V412 GC	VT3P	AC,P2V	114	194.1	20.5	1	33.3	1,518	2
Titan Pro	1M13-3P	VT3P	AC,P2	113	192.2	21.8	1	35.8	1,495	4
Wyffels	W7477	VT3P	AC,P5V	112	191.3	22.9	1	31.9	1,481	5
Channel	214-14VT3P	VT3P	AC,P5V	114	191.3	24.5	1	33.9	1,470	8
Champion	62A13VT3Pro	VT3P	AC,P2	112	191.1	22.8	1	35.8	1,480	6
Renze	3332SST	STX	AVC,C2	111	189.7	23.6	1	35.8	1,464	10
Dekalb	DKC62-97 GC	VT3P	AC,P2	112	189.5	22.3	1	35.8	1,470	9
G2 Genetics	5Z-1205^	OI,RR2	MQ,R,P1V	112	189.3	21.7	1	34.8	1,473	7
AgriGold	A6533VT3	VT3	AC,P5V	113	186.8	21.1	1	35.8	1,457	11
Pfister	2674HXTR	HXT,RR2	AVC,C2	111	186.2	22.5	1	35.8	1,444	16
Producers	7394VT3	VT3	AC,P5V	113	185.8	20.4	2	33.8	1,453	12
AgriGold	A6553VT3	VT3	AC,P5V	113	185.8	20.5	1	34.8	1,453	13
Fontanelle	7V778 GC	VT3P	AC,P2V	111	185.0	19.6	1	33.8	1,452	14
AgriGold	A6478VT3Pro	VT3P	AC,P5V	111	184.6	20.1	1	35.8	1,446	15
Champion	62A12VT3Pro	VT3P	AC,P2	112	183.9	22.6	1	34.8	1,425	17
Channel	211-99VT3P	VT3P	AC,P5V	111	182.2	21.5	1	34.8	1,419	18
Wyffels	W6917	VT3P	AC,P5V	111	181.9	21.5	1	33.9	1,416	20
Channel	213-40VT3P	VT3P	AC,P5V	113	181.6	22.0	1	34.3	1,411	21
Kruger	K-7911	VT3P	AC,P5V	111	181.0	20.1	1	33.8	1,418	19
Kruger	K-7611	VT3P	AC,P2	111	179.4	21.3	3	33.8	1,398	22
Wyffels	W7997	VT3P	AC,P5V	113	178.8	20.8	1	34.8	1,396	23
Champion	61A13-3000GT	3000GT	MQ,C2	111	175.8	20.8	1	35.8	1,373	25
Kruger	K-7211	VT3P	AC,P5V	111	175.4	19.4	1	35.8	1,378	24
LG Seeds	LG2620VT3	VT3	AC,P5V	113	174.4	21.5	1	34.3	1,358	26
G2 Genetics	3D-811AMX^	AMX,RR2	MQ,R,C2	112	173.9	21.3	1	32.9	1,355	27
FS InVISION	FS 62MV4	VT3P	AC,P2	112	173.6	23.0	1	32.9	1,343	29
FS InVISION	FS 64JV4	VT3P	AC,P2	114	173.6	23.1	1	33.8	1,342	30
Great Lakes	6232VT3PRO	VT3P	AC,P5V	112	173.2	22.1	4	35.8	1,345	28
Garst	84H71-3000GT CK	3000GT	MQ,C2	112	146.5	23.0	1	34.8	1,133	52
Test Average =					173.5	21.8	2	34.7	1,349	
LSD (0.10) =					12.1	1.6	3			
C.V. =					5.1	5.3				


 F.I.R.S.T. Manager

TEST COMMENTS: This site had very tall plants with high ear placement. Stalks were still holding up though some hybrids were showing weakness. High winds in July lodged many area fields but this plot had little damage. Lack of moisture and high temps limited yields of many hybrids. Some hybrids had weak ear shanks which made harvest difficult with the tall plants.

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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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