

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

Dennis Mleynek, Guthrie County, IA 50216 [YALE]

EARLY SEASON TEST

105 - 110 Day CRM

B2IAWC40a

 PREV. CROP/HERB: Soybean / Extreme, Prefix, Fusilade
 SOIL DESCRIPTION: Webster silty clay loam, mod. well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITION: High P, high K, 6 pH, 4.4% OM
 PEST MANAGEMENT: Roundup, Force
 FERTILITY - Applied N: 160 Fall
 Applied N-P-K (units): 160-46-72

30" ROW SPACING

 SEEDED - RATE: Apr 26 35,100 /A
 HARVESTED - STAND: Sep 15 37,400 /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	185.1	16.0	1	37.8	1,475	1
LG Seeds	LG5533VT3Pro	VT3P	AC,P5V	107	184.9	16.7	1	36.8	1,469	2
Prairie Brand	X121103RRHX	HX,RR2	AC,P2	110	184.3	19.6	1	39.8	1,446	4
Producers	6884VT3Pro	VT3P	AC,P5V	108	183.3	17.7	1	39.3	1,450	3
LG Seeds	LG2555VT3	VT3	AC,P5V	110	179.5	17.9	1	38.8	1,419	5
G2 Genetics	5H-1005^	HX,RR2	MQ,R,P1V	110	178.6	19.7	1	34.9	1,401	6
Channel	209-77VT3	VT3	AC,P5V	109	176.7	17.8	1	36.8	1,397	7
Pfister	2595HR	HX,RR2	AC,P2	110	174.6	19.8	1	35.8	1,369	13
FS InVISION	FS 60TV4	VT3P	AC,P2	110	174.5	17.5	1	35.8	1,382	8
Pioneer	P0636AM1 GC	AM1,RR2	MQ,P1V	106	174.4	18.6	1	37.8	1,375	10
G2 Genetics	5H-309^	HX,RR2	MQ,R,P1V	109	174.3	18.5	1	40.8	1,374	11
Producers	6794VT3Pro	VT3P	AC,P5V	107	172.5	15.4	1	35.8	1,378	9
Channel	208-48VT3P	VT3P	AC,P5V	108	171.8	15.6	1	39.3	1,371	12
LG Seeds	LG5550VT3Pro	VT3P	AC,P5V	106	171.7	17.8	1	35.8	1,358	14
AgriGold	A6458VT3	VT3	AC,P5V	109	170.5	19.0	1	35.8	1,342	15
Stine	9529VT3Pro	VT3P	AC,P2	107	168.7	16.6	1	39.8	1,341	16
Garst	85E98-3000GT GC	3000GT	CE,C2	109	167.4	18.6	1	36.8	1,319	19
Wyffels	W5787	VT3P	AC,P5V	108	166.0	16.5	1	34.9	1,320	17
FS InVISION	FS 59SV4	VT3P	AC,P2	109	165.7	16.4	1	35.8	1,318	20
AgriGold	A6403VT3Pro	VT3P	AC,P5V	107	165.3	15.5	1	34.9	1,320	18
Pfister	2574SS	STX	AVC,C2	110	165.3	19.8	1	34.8	1,296	24
Great Lakes	5785VT3PRO	VT3P	AC,P5V	107	165.2	16.2	1	37.8	1,315	21
NuTech	5N-910	3000GT	MQ,R,C2	110	164.4	17.4	1	37.8	1,302	22
Champion	1099VT3Pro	VT3P	MQ,C2	109	163.7	18.3	1	39.8	1,292	26
Stine	9731VT3Pro	VT3P	AC,P2	110	162.9	16.4	1	40.3	1,296	25
Kruger	K-7306	VT3P	AC,P5V	106	162.6	15.3	1	37.8	1,299	23
Channel	210-57STX	STX	AC,P5V	110	162.5	19.4	1	39.8	1,276	30
G2 Genetics	5Z-008^	OI,RR2	MQ,R,P1V	108	162.2	17.3	1	35.8	1,285	27
Great Lakes	5939G3VT3	VT3	AC,P5V	109	161.5	16.9	1	36.8	1,282	29
AgriGold	A6408VT3Pro	VT3P	AC,P5V	107	161.0	16.1	1	34.9	1,282	28
Garst	84H71-3000GT CK	3000GT	MQ,C2	112	142.7	18.7	1	36.8	1,124	53
Test Average =					163.2	17.5	1	37.4	1,292	
LSD (0.10) =					17.3	1.4	ns			
C.V. =					7.8	6.0				


 F.I.R.S.T. Manager

TEST COMMENTS: This plot was lucky to catch an extra inch of rain that other nearby fields missed. Plants were still standing very well but signs of stalk weakness were evident. No pests, diseases or weeds effected this plot. Kernel size was small and plant height was medium. Conditions were ideal early spring but the dry and hot summer conditions sped plant maturity set back yields. Lat: 41.77196, Long: -94.29107

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]

Dennis Mleynek, Guthrie County, IA 50216 [YALE]

FULL SEASON TEST

111 - 114 Day CRM

B2IAWC40b

 PREV. CROP/HERB: Soybean / Extreme, Prefix, Fusilade
 SOIL DESCRIPTION: Webster silty clay loam, mod. well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6 pH, 4.4% OM
 PEST MANAGEMENT: Roundup, Force
 FERTILITY - Applied N: 160 Fall
 Applied N-P-K (units): 160-46-72

30" ROW SPACING

 SEEDED - RATE: Apr 26 35,100 /A
 HARVESTED - STAND: Sep 15 37,300 /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
Great Lakes	6354G3VT3	VT3	AC,P5V	113	199.5	19.5	1	36.8	1,566	1
Great Lakes	6232VT3PRO	VT3P	AC,P5V	112	198.4	20.0	1	35.8	1,555	2
LG Seeds	LG2636VT3Pro	VT3P	AC,P5V	114	193.1	20.3	1	37.8	1,511	3
Titan Pro	X2M14	VT3P	AC,P5V	114	191.3	20.5	1	38.3	1,496	5
Champion	62A13VT3Pro	VT3P	AC,P2	112	189.9	18.5	1	39.3	1,497	4
G2 Genetics	5Z-1204^	OI,RR2	MQ,R,P1V	113	189.3	19.7	1	37.8	1,485	6
Stine	9732VT3Pro	VT3P	AC,P2	111	187.0	18.6	1	37.8	1,474	8
Fontanelle	7V778 GC	VT3P	AC,P2V	111	185.7	16.9	1	37.8	1,474	7
Wyffels	W7997	VT3P	AC,P5V	113	185.5	17.1	1	33.9	1,471	9
Kruger	K-7611	VT3P	AC,P2	111	184.7	18.2	2	34.8	1,458	10
AgriGold	A6533VT3	VT3	AC,P5V	113	183.5	17.9	2	39.3	1,450	11
Stine	9733VT3Pro	VT3P	AC,P2	113	182.2	21.4	1	36.8	1,419	16
Producers	7224VT3Pro	VT3P	AC,P5V	112	181.5	18.8	1	38.8	1,429	14
AgriGold	A6553VT3	VT3	AC,P5V	113	181.3	17.6	1	37.8	1,435	12
Producers	7394VT3	VT3	AC,P5V	113	180.6	17.2	2	32.9	1,432	13
FS InVISION	FS 61BX1 RIB	STX-R	AC,P2	111	179.2	17.3	1	38.3	1,420	15
Garst	83R38-3000GT GC	3000GT	CE,C2	114	178.5	22.8	1	35.8	1,382	21
G2 Genetics	5X-411^	HXT,RR2	MQ,R,C2	111	178.2	19.7	1	36.8	1,398	17
Pfister	2674HXTR	HXT,RR2	AVC,C2	111	177.1	19.5	1	37.8	1,391	19
FS InVISION	FS 64JV4	VT3P	AC,P2	114	175.9	19.4	1	36.8	1,382	22
LG Seeds	LG2641VT3	VT3	AC,P5V	114	175.8	16.5	1	37.3	1,398	18
Renze	CX23111SST	STX	AVC,C2	113	175.8	19.3	1	35.8	1,382	23
LG Seeds	LG2620VT3	VT3	AC,P5V	113	174.8	17.3	1	36.8	1,385	20
Renze	3332SST	STX	AVC,C2	111	173.0	18.9	1	37.8	1,362	24
LG Seeds	LG2602VT3Pro	VT3P	AC,P5V	112	171.8	19.8	1	37.8	1,347	30
Champion	62A12VT3Pro	VT3P	AC,P2	112	171.6	18.0	1	36.8	1,356	26
FS InVISION	FS 63SV4	VT3P	AC,P2	113	171.5	18.7	1	37.8	1,351	27
Champion	61A13-3000GT	3000GT	MQ,C2	111	170.7	17.7	1	35.8	1,350	28
Kruger	K-7911	VT3P	AC,P5V	111	170.4	16.3	2	29.9	1,356	25
Producers	7414VT3	VT3	AC,P5V	114	169.3	15.8	1	38.3	1,350	29
Garst	84H71-3000GT CK	3000GT	MQ,C2	112	158.1	17.9	1	37.8	1,250	47
Test Average =					172.1	18.4	1	37.3	1,357	
LSD (0.10) =					15.7	1.6	1			
C.V. =					6.7	6.4				


 F.I.R.S.T. Manager

TEST COMMENTS: This plot was lucky to catch an extra inch of rain that other nearby fields missed. Plants were still standing very well but signs of stalk weakness were evident. No pests, diseases or weeds effected this plot. Kernel size was small and plant height was medium. Conditions were ideal early spring but the dry and hot summer conditions sped plant maturity set back yields. Lat: 41.77196, Long: -94.29107

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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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