

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

Mike Erdman, Madison County, IA 50273 [WINTERSET]

EARLY SEASON TEST

105 - 110 Day CRM

B2IAWC41a

 PREV. CROP/HERB: Soybean / Extreme, Glyphosate,
 SOIL DESCRIPTION: Macksburg silty clay loam, mod. well drained, no-till, non-irrigated
 SOIL CONDITION: High P, high K, 6 pH, 4.2% OM
 PEEL MANAGEMENT: G Max, Callisto, Force
 FERTILITY - Applied N: 150 Fall
 Applied N-P-K (units): 150-0-0

30" ROW SPACING

 SEEDED - RATE: May 13 35,100 /A
 HARVESTED - STAND: Oct 10 34,400 /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
Channel	209-77VT3	VT3	AC,P5V	109	205.5	16.3	1	35.8	1,635	1
Pioneer	P0636AM1 GC	AM1,RR2	MQ,P1V	106	191.0	15.4	1	36.8	1,526	2
LG Seeds	LG2555VT3	VT3	AC,P5V	110	189.9	18.0	2	29.9	1,500	3
Titan Pro	2M07-SS	STX	AC,P5V	107	187.8	15.4	1	37.8	1,500	4
Prairie Brand	1085GT3	3000GT	MQ,C2	108	182.0	17.5	2	35.8	1,441	6
Champion	60A13VT3Pro	VT3P	AC,P2	110	181.8	16.2	1	35.8	1,447	5
Great Lakes	5939G3VT3	VT3	AC,P5V	109	181.1	16.6	1	30.4	1,439	8
LG Seeds	LG5533VT3Pro	VT3P	AC,P5V	107	180.5	15.6	1	32.3	1,440	7
Pfister	2595HR	HX,RR2	AC,P2	110	179.8	17.3	1	32.9	1,425	10
Great Lakes	5785VT3PRO	VT3P	AC,P5V	107	178.4	15.2	1	36.8	1,426	9
Producers	7014VT3	VT3	AC,P5V	110	178.1	16.8	1	34.8	1,414	11
FS InVISION	FS 55ZV4	VT3P	AC,P2	105	176.6	14.9	1	34.8	1,413	12
Renze	CX12110HXT/LL/RR	HXT,RR2	AVC,C2	109	174.9	18.5	4	27.4	1,379	14
FS InVISION	FS 59SV4	VT3P	AC,P2	109	174.2	16.3	4	35.8	1,386	13
Titan Pro	81A10GL	3000GT	MQ,C2	110	173.0	18.0	1	33.9	1,367	15
Wyffels	W5787	VT3P	AC,P5V	108	171.2	15.9	1	35.8	1,365	16
Prairie Brand	X121103RRHX	HX,RR2	AC,P2	110	168.7	17.9	1	35.8	1,334	19
LG Seeds	LG2549VT3	VT3	AC,P5V	109	168.3	16.1	1	33.8	1,340	17
Kruger	K4R-9710	STX-R	AC,P5V	110	167.4	16.6	1	38.3	1,330	20
Prairie Brand	1082RR	RR2	AVC,C2	107	167.2	15.3	1	29.8	1,336	18
Pfister	2660GT	3000GT	AVC,C2	110	166.7	16.8	2	35.8	1,324	22
Prairie Brand	1111RRHXT	HXT,RR2	MQ,C2	110	166.4	17.3	1	35.8	1,319	23
Wyffels	W6871	VT3	AC,P5V	110	166.2	17.6	1	34.8	1,315	24
Producers	6794VT3Pro	VT3P	AC,P5V	107	165.5	14.9	1	37.8	1,324	21
Channel	208-48VT3P	VT3P	AC,P5V	108	163.5	15.3	1	35.8	1,306	25
FS InVISION	FS 56TX1 RIB	STX-R	AC,P2	106	162.5	15.9	1	35.8	1,295	26
Channel	210-57STX	STX	AC,P5V	110	161.6	16.9	2	34.8	1,283	30
Pfister	2574SS	STX	AVC,C2	110	161.6	17.6	1	32.8	1,279	31
Titan Pro	X2M08	VT3P	AC,P5V	108	161.5	14.6	1	33.8	1,292	27
Champion	58A13SS	STX	AC,P2	108	161.5	15.0	1	29.9	1,292	28
Garst	84H71-3000GT CK	3000GT	MQ,C2	112	163.0	18.8	22	32.8	1,284	29
Test Average =					162.8	16.2	2	34.4	1,296	
LSD (0.10) =					19.5	1.0	11			
C.V. =					8.8	4.4				


 F.I.R.S.T. Manager

TEST COMMENTS: In June when stand counts were taken, this plot did not look so good. Plant height was very uneven. Almost no rainfall occurred in July. Somehow the corn plants found moisture and did very well. Plants looked healthy and ears were well pollinated with good kernel set. Some hybrids showed signs of weak ear shanks and weak stalks.

Lat: 41.25068, Long: -94.08802

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]

Mike Erdman, Madison County, IA 50273 [WINTERSET]

FULL SEASON TEST

111 - 114 Day CRM

B2IAWC41b

 PREV. CROP/HERB: Soybean / Extreme, Glyphosate,
 SOIL DESCRIPTION: Macksburg silty clay loam, mod. well drained, no-till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6 pH, 4.2% OM
 PEST MANAGEMENT: G Max, Callisto, Force
 FERTILITY - Applied N: 150 Fall
 Applied N-P-K (units): 150-0-0

30" ROW SPACING

 SEEDED - RATE: May 13 35,100 /A
 HARVESTED - STAND: Oct 10 34,100 /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	62A13VT3Pro	VT3P	AC,P2	112	196.9	18.3	1	35.8	1,554	1
Titan Pro	1M13-3P	VT3P	AC,P2	113	186.3	18.0	1	35.8	1,472	2
Titan Pro	X2M14	VT3P	AC,P5V	114	185.6	17.7	1	36.8	1,468	3
Dekalb	DKC62-97 GC	VT3P	AC,P2	112	178.8	17.2	1	35.8	1,417	4
Wyffels	W6917	VT3P	AC,P5V	111	176.2	16.8	1	33.8	1,399	5
Kruger	K-7211	VT3P	AC,P5V	111	175.1	15.9	1	36.8	1,396	6
Producers	7394VT3	VT3	AC,P5V	113	173.6	16.9	1	34.3	1,378	7
Channel	213-40VT3P	VT3P	AC,P5V	113	172.5	18.2	2	30.9	1,362	8
Fontanelle	8V412 GC	VT3P	AC,P2V	114	172.4	18.5	1	31.9	1,359	9
LG Seeds	LG2620VT3	VT3	AC,P5V	113	169.7	17.0	4	33.4	1,346	10
Wyffels	W7997	VT3P	AC,P5V	113	167.2	16.6	4	32.8	1,329	12
Champion	61A13-3000GT	3000GT	MQ,C2	111	165.8	17.2	1	35.8	1,314	13
Channel	214-14VT3P	VT3P	AC,P5V	114	164.4	17.6	44	35.8	1,301	14
Fontanelle	7V778 GC	VT3P	AC,P2V	111	162.6	16.0	1	33.9	1,295	15
Kruger	K-7611	VT3P	AC,P2	111	162.4	16.5	1	32.3	1,291	16
FS InVISION	FS 62MV4	VT3P	AC,P2	112	160.7	17.8	54	29.9	1,271	17
Great Lakes	6354G3VT3	VT3	AC,P5V	113	158.2	17.0	1	33.9	1,255	18
Pfister	2728HR	HX,RR2	AC,P2	113	157.8	17.8	38	35.8	1,248	20
G2 Genetics	3D-811AMX^	AMX,RR2	MQ,R,C2	112	157.4	16.2	1	35.8	1,253	19
Renze	3332SST	STX	AVC,C2	111	156.7	17.5	1	33.8	1,241	21
Stine	9733VT3Pro	VT3P	AC,P2	113	155.9	18.5	2	33.9	1,229	22
AgriGold	A6476VT3Pro	VT3P	AC,P5V	111	153.6	16.1	1	33.9	1,223	23
Channel	212-17VT3P	VT3P	AC,P5V	112	153.5	16.6	1	36.8	1,220	24
AgriGold	A6478VT3Pro	VT3P	AC,P5V	111	152.6	15.7	1	32.8	1,217	25
AgriGold	A6553VT3	VT3	AC,P5V	113	148.0	17.7	1	33.9	1,171	26
Titan Pro	2M11-SS	STX	AC,P5V	111	145.2	17.1	1	33.8	1,152	27
G2 Genetics	5Z-1204^	OI,RR2	MQ,R,P1V	113	143.9	18.4	1	31.4	1,135	30
Pfister	2674HXTR	HXT,RR2	AVC,C2	111	143.4	16.4	4	35.8	1,141	28
AgriGold	A6533VT3	VT3	AC,P5V	113	142.7	16.8	1	35.8	1,133	31
Kruger	K-7312	VT3P	AC,P2	112	142.5	15.7	1	27.4	1,137	29
Garst	84H71-3000GT CK	3000GT	MQ,C2	112	169.6	18.4	1	36.8	1,338	11
Test Average =					148.1	17.3	6	34.1	1,174	
LSD (0.10) =					28.1	1.2	18			
C.V. =					14.0	5.1				


 F.I.R.S.T. Manager

TEST COMMENTS: In June when stand counts were taken, this plot did not look so good. Plant height was very uneven. Almost no rainfall occurred in July. Somehow the corn plants found moisture and did very well. Plants looked healthy and ears were well pollinated with good kernel set. Some hybrids showed signs of weak ear shanks and weak stalks.

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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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