

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

Brandon McHugh, Harrison County, IA 51529 [DUNLAP]

EARLY SEASON TEST

105 - 110 Day CRM

B2IAWC37a

 PREV. CROP/HERB: Corn / SureStart, Glyphosate
 SOIL DESCRIPTION: Monona silt loam, mod. well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: High P, high K, 6.5 pH, 4.2% OM
 PEST MANAGEMENT: SureStart, Glyphosate
 FERTILITY - Applied N: 200 Fall
 Applied N-P-K (units): 200-0-0

30" ROW SPACING

 SEEDED - RATE: Apr 27 35,100 /A
 HARVESTED - STAND: Sep 16 35,180 /A

TOP 30 OF 54 FOR GROSS INCOME (SORTED BY YIELD)

AVERAGE of (2) REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
G2 Genetics	5Z-008 [^]	OI,RR2	MQ,R,P1V	108	197.2	15.6	15	35.8	1,574	1
Producers	6794VT3Pro	VT3P	AC,P5V	107	184.4	14.6	3	35.8	1,475	2
AgriGold	A6403VT3Pro	VT3P	AC,P5V	107	173.1	14.6	7	35.8	1,385	3
Pioneer	P0636AM1 GC	AM1,RR2	MQ,P1V	106	173.1	15.1	43	35.8	1,385	4
G2 Genetics	5H-309 [^]	HX,RR2	MQ,R,P1V	109	172.9	15.7	7	35.8	1,379	5
Channel	209-77VT3	VT3	AC,P5V	109	168.9	15.2	73	34.4	1,350	6
Kruger	K-7907	VT3P	AC,P5V	107	165.2	14.1	15	34.4	1,322	7
Great Lakes	5939G3VT3	VT3	AC,P5V	109	163.8	14.2	33	35.8	1,310	8
LG Seeds	LG2549VT3	VT3	AC,P5V	109	163.8	14.5	20	35.8	1,310	9
Channel	208-48VT3P	VT3P	AC,P5V	108	163.5	14.7	4	34.4	1,308	10
Kruger	K4R-9710	STX-R	AC,P5V	110	162.9	16.0	37	32.9	1,298	11
Stine	9731VT3Pro	VT3P	AC,P2	110	160.4	15.0	31	34.4	1,283	12
Garst	85E98-3000GT GC	3000GT	CE,C2	109	159.6	15.5	43	34.4	1,275	14
Titan Pro	X2M08	VT3P	AC,P5V	108	159.3	14.2	21	34.4	1,275	13
Producers	7014VT3	VT3	AC,P5V	110	159.1	14.5	23	34.4	1,273	15
Kruger	K-7306	VT3P	AC,P5V	106	157.9	14.8	4	35.8	1,263	16
FS InVISION	FS 55ZV4	VT3P	AC,P2	105	156.3	14.0	20	35.8	1,250	17
Wyffels	W6871	VT3	AC,P5V	110	156.0	15.8	50	35.8	1,244	19
Champion	1099VT3Pro	VT3P	MQ,C2	109	155.9	15.2	43	34.4	1,247	18
Producers	6884VT3Pro	VT3P	AC,P5V	108	155.0	14.3	13	35.8	1,240	20
Pfister	2574SS	STX	AVC,C2	110	153.5	15.6	49	34.4	1,225	22
Stine	9728EVT3Pro	VT3P	AC,P2	109	153.3	14.9	59	35.8	1,227	21
AgriGold	A6458VT3	VT3	AC,P5V	109	152.0	14.4	27	35.8	1,216	23
FS InVISION	FS 60TV4	VT3P	AC,P2	110	151.4	14.5	31	34.4	1,212	24
AgriGold	A6408VT3Pro	VT3P	AC,P5V	107	151.3	14.1	4	35.8	1,210	25
LG Seeds	LG5533VT3Pro	VT3P	AC,P5V	107	151.0	14.3	23	34.4	1,208	26
AgriGold	A6433VT3Pro	VT3P	AC,P5V	108	150.8	15.3	21	35.8	1,206	27
Pfister	2595HR	HX,RR2	AC,P2	110	150.4	14.3	73	34.4	1,203	28
Channel	210-57STX	STX	AC,P5V	110	149.4	15.0	49	35.8	1,195	29
Champion	58A13SS	STX	AC,P2	108	149.3	14.5	45	34.4	1,194	30
Garst	84H71-3000GT CK	3000GT	MQ,C2	112	128.9	15.4	64	35.8	1,030	49
Test Average =					149.6	14.7	39	35.2	1,196	
LSD (0.10) =					19.8	0.5	29			
C.V. =					7.9	2.0				

F.I.R.S.T. Manager

TEST COMMENTS: This plot looked very good when stand counts were taken, very tall plants with no disease, insect or weed pressure. Just after pollination, this area was hit with wind bursts, 60+ mph winds. The lodging scores show products with weaker stalks. Lack of moisture and extreme heat impacted yields with short kernel depth and low test weight.

Lat: 41.75447, Long: -95.67353

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

 Complete brands tested list & searchable database available at www.firstseedtests.com

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Report Date: 9/19/2012

Revised:

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

Brandon McHugh, Harrison County, IA 51529 [DUNLAP]

FULL SEASON TEST

111 - 114 Day CRM

B2IAWC37b

 PREV. CROP/HERB: Corn / SureStart, Glyphosate
 SOIL DESCRIPTION: Monona silt loam, mod. well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.5 pH, 4.2% OM
 PEST MANAGEMENT: SureStart, Glyphosate
 FERTILITY - Applied N: 200 Fall
 Applied N-P-K (units): 200-0-0

30" ROW SPACING

 SEEDED - RATE: Apr 27 35,100 /A
 HARVESTED - STAND: Sep 16 35,180 /A

TOP 30 OF 54 FOR GROSS INCOME (SORTED BY YIELD)

AVERAGE of (2) REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
G2 Genetics	5Z-1205^	OI,RR2	MQ,R,P1V	112	181.4	16.7	13	34.4	1,441	1
Renze	CX23111SST	STX	AVC,C2	113	161.7	15.5	25	35.8	1,291	2
G2 Genetics	5Z-1204^	OI,RR2	MQ,R,P1V	113	161.5	15.5	7	34.4	1,290	3
Champion	62A12VT3Pro	VT3P	AC,P2	112	160.9	15.8	43	35.8	1,283	4
G2 Genetics	5X-411^	HXT,RR2	MQ,R,C2	111	158.9	16.6	17	35.8	1,263	6
LG Seeds	LG2602VT3Pro	VT3P	AC,P5V	112	158.5	15.4	31	35.8	1,266	5
Great Lakes	6354G3VT3	VT3	AC,P5V	113	155.6	14.6	49	35.8	1,245	7
FS InVISION	FS 63SV4	VT3P	AC,P2	113	153.8	15.4	31	32.9	1,228	8
Fontanelle	8V412 GC	VT3P	AC,P2V	114	153.3	14.4	34	34.4	1,226	9
AgriGold	A6553VT3	VT3	AC,P5V	113	148.1	14.6	31	34.4	1,185	10
Wyffels	W7477	VT3P	AC,P5V	112	147.6	16.6	40	35.8	1,173	12
AgriGold	A6478VT3Pro	VT3P	AC,P5V	111	147.4	14.7	20	34.4	1,179	11
Titan Pro	X2M14	VT3P	AC,P5V	114	146.2	15.7	64	34.4	1,166	13
Titan Pro	X82A13	GT	MQ,C2	113	145.7	15.2	23	35.8	1,165	15
Dyna-Gro	D51VP40	VT3P	AC,P2	111	145.6	14.4	50	35.8	1,165	14
Channel	214-14VT3P	VT3P	AC,P5V	114	145.2	15.9	73	35.8	1,158	17
G2 Genetics	3D-811AMX^	AMX,RR2	MQ,R,C2	112	145.0	15.2	64	35.8	1,159	16
LG Seeds	LG2641VT3	VT3	AC,P5V	114	144.3	15.0	81	34.4	1,155	18
Producers	7224VT3Pro	VT3P	AC,P5V	112	144.0	15.2	25	35.8	1,152	19
Channel	213-40VT3P	VT3P	AC,P5V	113	143.9	16.3	65	34.4	1,145	20
Garst	83R38-3000GT GC	3000GT	CE,C2	114	143.5	17.6	23	35.8	1,136	22
Wyffels	W7057	VT3P	AC,P5V	111	142.2	15.0	4	35.8	1,137	21
Kruger	K-7911	VT3P	AC,P5V	111	142.0	14.4	5	35.8	1,136	23
Wyffels	W6917	VT3P	AC,P5V	111	139.0	14.5	50	34.4	1,112	24
LG Seeds	LG2636VT3Pro	VT3P	AC,P5V	114	138.5	15.1	65	35.8	1,107	25
Stine	9734VT3Pro	VT3P	AC,P2	113	137.8	15.2	73	35.8	1,102	26
Titan Pro	1M13-3P	VT3P	AC,P2	113	136.3	14.2	64	32.9	1,091	27
Stine	9732VT3Pro	VT3P	AC,P2	111	135.7	15.1	81	35.8	1,085	28
Kruger	K-7611	VT3P	AC,P2	111	135.5	14.9	81	34.4	1,084	29
Dekalb	DKC62-97 GC	VT3P	AC,P2	112	135.4	14.5	21	35.8	1,083	30
Garst	84H71-3000GT CK	3000GT	MQ,C2	112	122.7	15.4	20	34.4	980	48
Test Average =					138.4	14.9	47	35.2	1,106	
LSD (0.10) =					25.5	0.9	33			
C.V. =					11.0	3.8				


 F.I.R.S.T. Manager

TEST COMMENTS: This plot looked very good when stand counts were taken, very tall plants with no disease, insect or weed pressure. Just after pollination, this area was hit with wind bursts, 60+ mph winds. The lodging scores show products with weaker stalks. Lack of moisture and extreme heat impacted yields with short kernel depth and low test weight.

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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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