

2012 BETTER HYBRIDS Harvest Report for Iowa North Central [IANC]

Pete Bartlett, Hardin County, IA 50126 [IOWA FALLS]

EARLY SEASON TEST

101 - 106 Day CRM

B21ANC11a

PREV. CROP/HERB: Corn, 2+ yr / Corvus, Atrazine

SOIL DESCRIPTION: Webster-Nicollet silty clay loam, mod. well drained, conventional w/ fall till, non-irrigated

SOIL CONDITION: High P, moderate K, 7.3 pH, 4% OM

PEST MANAGEMENT: Corvus, Resource, Force 3G

30" ROW SPACING

FERTILITY - Applied N: 190 Fall

Applied N-P-K (units): 190-0-100

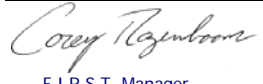
SEEDED - RATE: Apr 26 35,100 /A

TOP 30 OF 84 FOR GROSS INCOME (SORTED BY YIELD)

HARVESTED - STAND: Sep 12 32,700 /A

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	56B13SS	STX	AC,P2	106	232.1	23.7	1	36.0	1,709	1
Champion	56A13VT3Pro	VT3P	AC,P2	106	212.8	23.7	1	34.0	1,567	2
Cornelius	C459SS	STX	CE,C2	105	208.3	23.9	1	29.3	1,532	3
Trelay	6VP942	VT3P	AC,P5V	106	202.8	21.8	1	30.7	1,513	4
Renze	2222-3000GT	3000GT	CE,C2	104	201.4	23.0	1	32.7	1,490	5
Trelay	6ST576RIB	STX-R	AC,P5V	104	200.5	23.8	1	33.3	1,476	7
Wyffels	W3007	VT3P	AC,P5V	103	199.8	22.4	1	33.3	1,485	6
FS InVISION	FS 56TX1 RIB	STX-R	AC,P2	106	199.8	24.4	2	33.3	1,465	9
Fontanelle	6A100RBC	STX-R	AC,P2	104	199.0	24.2	1	31.3	1,461	11
Dekalb	DKC55-09RIB GC	STX-R	AC,P2	105	198.9	23.8	1	32.7	1,464	10
Epley	E1602SS	STX	AC,P2	106	198.6	24.2	1	33.3	1,458	12
Cornelius	C344VT3P	VT3P	CE,C2	102	198.4	23.2	1	34.7	1,466	8
Producers	6624VT3Pro	VT3P	AC,P5V	106	197.5	25.9	1	30.7	1,433	18
Prairie Brand	1041SX	STX	AVC,C2	105	196.3	24.0	1	32.7	1,443	16
FS InVISION	FS 54VX1 RIB	STX-R	AC,P2	104	196.0	23.0	1	33.3	1,450	13
FS InVISION	FS 55ZV4	VT3P	AC,P2	105	196.0	23.1	1	35.3	1,449	14
Epley	E1509HXTLL	HXT	MQ,C2	105	195.4	24.4	1	33.3	1,432	19
Viking	C78-05R	VT3P	AC,P2	105	195.0	22.8	1	34.0	1,445	15
Steyer	10403VT3PRO	VT3P	MQ,C2	104	192.7	22.6	2	34.7	1,430	20
Pfister	2225RR	RR2	AC,P2	101	192.3	21.2	1	36.0	1,440	17
AgriGold	A6356VT3Pro	VT3P	AC,P5V	105	190.8	23.0	1	34.0	1,412	22
G2 Genetics	5H-806^	HX,RR2	MQ,R,P1V	106	190.4	23.1	1	35.3	1,408	23
Champion	55A12SS	STX-R	AC,P2	105	189.9	24.4	1	30.0	1,392	27
Pioneer	P0392AMX-R GC	AMX,RR2	MQ,C2	103	189.8	23.4	1	34.0	1,401	24
Gold Country	101-99RSS	STX-R	AC,P5V	104	189.7	24.4	2	36.0	1,391	28
Channel	203-43VT3P	VT3P	AC,P5V	103	189.6	21.5	1	33.3	1,417	21
Great Lakes	5643VT3PRO	VT3P	AC,P5V	106	189.6	24.4	1	34.7	1,390	29
Gold Country	103-09	VT3	AC,P5V	103	186.8	21.7	1	30.0	1,395	25
Dairyland	DS6604	RR2	CE,C2	104	186.6	22.2	1	26.0	1,388	30
LG Seeds	LG2501VT3Pro	VT3P	AC,P5V	101	184.3	19.7	2	34.7	1,394	26
Pioneer	P0621HR CK	HX,RR2	MQ,C2	106	167.4	23.4	1	34.0	1,235	63
Test Average =					179.7	23.1	2	32.7	1,329	
LSD (0.10) =					26.8	1.6	ns			
C.V. =					11.1	5.3				


 Corey Rozenboom
 F.I.R.S.T. Manager

TEST COMMENTS: This continuous corn site challenged all genetics tested with a number of compounding factors that suppressed yields. Good root health and drought tolerance were key traits for top yielders. Plants were tall with moderate levels of gray leaf spot and eyespot. This site was harvested early due to concerns for weakened stalks and ear shanks.

Lat: 42.49184, Long: -93.33507

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.050 Price = \$7.80

† 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 North Central [IANC]

Pete Bartlett, Hardin County, IA 50126 [IOWA FALLS]

FULL SEASON TEST
107 - 110 Day CRM

B2IANC11b

PREV. CROP/HERB: Corn, 2+ yr / Corvus, Atrazine
 SOIL DESCRIPTION: Webster-Nicollet silty clay loam, mod. well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: High P, moderate K, 7.3 pH, 4% OM
 PEST MANAGEMENT: Corvus, Resource, Force 3G
 FERTILITY - Applied N: 190 Fall
 Applied N-P-K (units): 190-0-100

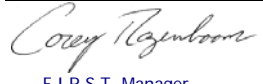
30" ROW SPACING

SEEDED - RATE: Apr 26 35,100 /A
 HARVESTED - STAND: Sep 12 33,500 /A

TOP 30 OF 63 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	57A13SS	STX	AC,P2	107	175.5	23.7	3	31.3	1,293	1
Steyer	10803GENSS	STX	MQ,C2	107	169.7	24.3	1	32.0	1,245	2
Renze	CX12110HXT/LL/RR	HXT,RR2	AVC,C2	109	168.8	28.4	6	32.7	1,204	4
Trelay	6VP844	VT3P	AC,P5V	107	164.0	23.5	2	34.7	1,210	3
Pioneer	P0528XR GC	HXT,RR2	CE,C2	105	163.9	24.5	2	34.0	1,201	5
Wyffels	W6871	VT3	AC,P5V	110	159.4	27.6	14	36.0	1,143	8
Fontanelle	6V879	VT3P	AC,P2	107	159.3	24.3	2	30.7	1,169	6
Kruger	K-7810	VT3P	AC,P5V	110	159.1	24.5	6	32.0	1,165	7
Wyffels	W5787	VT3P	AC,P5V	108	157.6	27.2	7	32.0	1,133	9
Renk	RK795VT3P	VT3P	AC,P2	108	156.9	28.2	1	30.7	1,120	10
Titan Pro	2M07-SS	STX	AC,P5V	107	153.7	26.0	7	34.7	1,114	12
Wyffels	W6917	VT3P	AC,P5V	111	153.3	28.9	27	33.3	1,089	18
Great Lakes	5939G3VT3	VT3	AC,P5V	109	151.5	27.2	22	33.3	1,089	17
Channel	207-13VT3P	VT3P	AC,P5V	107	150.4	26.1	7	32.0	1,090	16
Trelay	7VP293	VT3P	AC,P5V	110	150.3	26.8	1	33.3	1,084	19
Champion	60A13VT3Pro	VT3P	AC,P2	110	150.2	25.6	1	33.3	1,092	14
Trelay	7VP104	VT3P	AC,P5V	107	148.8	24.2	3	34.7	1,092	13
Kruger	K4R-9710	STX-R	AC,P5V	110	147.5	28.6	5	30.7	1,050	23
Trelay	7VP518	VT3P	AC,P5V	110	147.4	23.0	10	33.3	1,091	15
Cornelius	C533SS	STX	CE,C2	107	146.4	25.0	9	32.7	1,069	20
Producers	7014VT3	VT3	AC,P5V	110	146.4	28.2	23	36.0	1,045	24
Channel	209-77VT3	VT3	AC,P5V	109	145.8	24.8	23	33.3	1,066	21
G2 Genetics	5Z-008^	OI,RR2	MQ,R,P1V	108	144.4	23.8	6	35.3	1,063	22
AgriGold	A6458VT3	VT3	AC,P5V	109	144.0	27.3	5	32.0	1,035	27
Steyer	11004GENSS	STX	MQ,C2	110	143.4	26.2	11	35.3	1,038	26
Cornelius	C510	None	CE,C2	110	142.4	26.9	2	32.0	1,026	28
Cornelius	C574VT3P	VT3P	AC,P2	108	141.7	27.3	13	36.7	1,018	29
Producers	6794VT3Pro	VT3P	AC,P5V	107	141.2	23.6	1	32.7	1,041	25
Kruger	K-7907	VT3P	AC,P5V	107	140.0	25.8	1	32.7	1,016	30
Renk	RK741SSTX RIB	STX-R	AC,P2	107	137.8	23.9	1	34.0	1,014	31
Pioneer	P0621HR CK	HX,RR2	MQ,C2	106	151.4	23.1	5	34.0	1,120	11
Test Average =					135.4	26.4	10	33.5	979	
LSD (0.10) =					28.5	3.0	16			
C.V. =					15.5	8.5				



F.I.R.S.T. Manager

TEST COMMENTS: *This continuous corn site challenged all genetics tested with a number of compounding factors that suppressed yields. Good root health and drought tolerance were key traits for top yielders. Plants were tall with moderate levels of gray leaf spot and eyespot. This site was harvested early due to concerns for weakened stalks and ear shanks.*

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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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