

2011 BETTER HYBRIDS Harvest Report for Iowa North West [IANW]

Dallas Thomas, Calhoun County, IA 50538 [RINARD]

EARLY SEASON TEST
101 - 106 Day CRM

B1IANW06a

 PREV. CROP/HERB: Corn, 2+ yr / Corvus, Atrazine
 SOIL DESCRIPTION: Nicollet-Webster silty clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: High P, high K, 6.7 pH, 3.8% OM
 PEST MANAGEMENT: Corvus, Atrazine, Laudis, Headline, Force 3G
 FERTILITY - Applied N: 200 Spring, 10 Foliar
 Applied N-P-K (units): 210-0-0

30" ROW SPACING

 SEEDED - RATE: May 3 35,100 /A
 HARVESTED - STAND: Oct 11 34,100 /A

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

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
G2 Genetics	5H-905^	HX,RR2	C250	105	197.8	14.4	5.7	30.4	1,345.0	1
G2 Genetics	5H-0601^	HX,RR2	P1250,V	106	193.8	13.9	11.3	36.1	1,317.8	2
LG Seeds	LG2525RR	RR2	P500,V	105	187.6	14.2	18.0	32.8	1,275.7	3
Jung	7V570	VT3P	P500	105	184.7	13.5	6.3	33.6	1,256.0	4
Viking	50-04N	none	C250	104	184.0	15.3	2.0	35.2	1,249.8	5
Titan Pro	1018	none	C250	101	179.8	14.3	3.0	35.2	1,222.6	6
Stine	9529VT3Pro*	VT3P	C250	106	179.7	14.4	22.7	37.7	1,222.0	7
G2 Genetics	5X-903^	HXT,RR2	P1250,V	103	177.6	12.9	5.7	36.9	1,207.7	8
AgriGold	A6329VT3Pro	VT3P	P500,V	105	177.2	14.0	25.7	34.4	1,205.0	9
G2 Genetics	5H-0701^	HX,RR2	C250	106	175.7	14.6	8.0	32.0	1,194.8	10
Great Lakes	5339GT3	3000GT	P500,V	103	173.5	15.2	5.7	35.3	1,178.9	11
Dyna-Gro	D45VC90	VT2P	P250	105	170.3	15.1	11.3	32.8	1,157.6	12
Wyffels	W4179	3000GT	C250	105	170.1	13.6	9.7	35.2	1,156.7	13
AgriGold	A6311GT3VIP	3111	P500,V	103	169.3	15.0	3.7	31.2	1,151.2	14
Titan Pro	80A05GL	3000GT	C250	105	169.1	13.3	9.0	33.6	1,149.9	15
Kruger	K4-9302	STX	P500,V	102	167.4	13.6	16.7	35.3	1,138.3	16
Dyna-Gro	D40SS09	STX	P250	100	165.9	12.2	9.0	33.6	1,128.1	17
LG Seeds	LG2535STX	STX	P500,V	106	165.8	14.7	7.3	34.4	1,127.4	18
Titan Pro	X1051L	CB/LL	C250	105	164.9	15.5	26.0	32.0	1,119.3	19
NuTech	5N-102*	3000GT	C250	102	162.8	12.9	33.7	33.6	1,107.0	20
Dairyland	ST-9206SSX	STX	C250	104	161.9	14.4	16.7	32.0	1,100.9	21
Trelay	6ST620	STX	P500,V	106	160.9	12.8	8.0	36.1	1,094.1	23
Renze	2222-3000GT*	3000GT	C250	104	160.7	14.7	7.3	33.6	1,092.8	24
Producers	6694VT3Pro	VT3P	P250	106	159.2	13.1	4.7	34.4	1,082.6	25
Titan Pro	1041	none	C250	104	157.5	13.7	42.0	35.3	1,071.0	26
Viking	D44-06RL	STX	C250	106	157.1	14.0	15.3	36.1	1,068.3	27
Trelay	6VP125	VT3P	P500,V	102	156.9	13.9	20.3	34.5	1,066.9	28
NuTech	5B-0205*	GT/CB/LL	C250	102	156.6	13.5	11.3	31.2	1,064.9	29
Great Lakes	5157G3VT3	VT3	P500,V	101	155.9	12.5	22.7	35.2	1,060.1	30
Renk	RK694GTCBLLRWBL	3111	C250	104	155.4	15.0	3.0	29.5	1,056.7	31
Pioneer	P0528 CK	none	C250	105	161.5	13.3	4.7	36.1	1,098.2	22
					Test Average =	155.6	13.1	17.2	34.1	1,058.0
					LSD (0.10) =	17.2	1.3	16.4		
					C.V. =	8.1	7.1			



F.I.R.S.T. Manager

TEST COMMENTS: This continuous corn site revealed definite strengths/weaknesses of hybrids to Goss's wilt, northern corn leaf blight and gray leaf spot, all of which were major yield limiting factors. The biggest killer here was definitely Goss's wilt which was prevalent in the nearby area. Ear size, kernel depth and stalk integrity differences were very apparent between hybrids. Lat: N42.32476, Long: W-94.42646

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$6.80

[†] TECHNOLOGY: Corn Borer - 3000GT, 3111, CB, HX, HXT, STX, VT2P, VT3, VT3P; Corn Rootworm - 3000GT, 3111, AMRW, HXT, RW, STX, VT3, VT3P; Glyphosate - 3000GT, 3111, GT, RR2, STX, VT2P, VT3, VT3P; Liberty - 3000GT, 3111, HX, HXT, LL, STX

^{††} IST: AV - Avicta, C - Cruiser, P - Poncho, 250, 500, and 1250 = 0.25, 0.5, and 1.25 g ai/seed, respectively; V - Votivo

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, * = brands without a seed lot number; ns = not significantly different

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

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Report Date: 10/13/2011

Revised:

2011 BETTER HYBRIDS Harvest Report for Iowa North West [IANW]

Dallas Thomas, Calhoun County, IA 50538 [RINARD]

FULL SEASON TEST
107 - 110 Day CRM

B1IANW06b

PREV. CROP/HERB: Corn, 2+ yr / Corvus, Atrazine
 SOIL DESCRIPTION: Nicollet-Webster silty clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.7 pH, 3.8% OM
 PEST MANAGEMENT: Corvus, Atrazine, Laudis, Headline, Force 3G
 FERTILITY - Applied N: 200 Spring, 10 Foliar
 Applied N-P-K (units): 210-0-0

30" ROW SPACING

SEEDED - RATE: May 3 35,100 /A
 HARVESTED - STAND: Oct 11 34,200 /A

TOP 30 OF 48 FOR GROSS INCOME (SORTED BY YIELD)

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LG Seeds	LG2549VT3	VT3	P500,V	109	210.3	14.5	9.7	33.6	1,430.0	1
Producers	7014VT3	VT3	P500,V	110	206.3	15.1	5.7	36.1	1,402.3	2
AgriGold	A6476VT3Pro	VT3P	P500,V	110	205.6	15.6	3.0	35.3	1,395.0	3
LG Seeds	LG2555VT3	VT3	P500,V	110	205.3	15.9	20.3	31.2	1,391.4	4
AgriGold	A6458VT3	VT3	P500,V	110	204.0	15.4	5.7	35.2	1,385.2	5
Wyffels	W6871	VT3	P250	110	201.5	16.6	29.7	32.0	1,362.1	6
Trelay	7ST637	STX	P500,V	110	198.4	15.7	5.7	35.3	1,345.6	7
Fielders Choice	NG6723	VT3	P250	110	197.5	15.6	26.0	36.1	1,340.0	8
Channel	209-85VT3P	VT3P	P500,V	109	194.6	15.5	4.7	33.6	1,320.8	9
Stine	9731VT3Pro*	VT3P	C250	110	194.2	16.0	24.7	32.8	1,315.7	10
NuTech	5B-1003*	GT/CB/LL	C250	110	193.2	15.2	4.7	35.3	1,312.8	11
Channel	210-57STX	STX	P500,V	110	192.7	15.6	11.7	36.1	1,307.5	13
Great Lakes	5939G3VT3	VT3	P500,V	109	192.5	15.0	12.0	34.4	1,309.0	12
Gold Country	110-35	VT3	P250	110	190.1	15.5	11.0	33.6	1,290.3	14
Producers	6944VT3	VT3	P500,V	108	189.0	15.6	12.7	33.6	1,282.4	15
Kruger	K-7907	VT3P	P500,V	107	188.3	13.6	3.0	32.8	1,280.4	16
Channel	210-44VT2P	VT2P	P500,V	110	188.2	16.1	7.3	36.1	1,274.6	17
Fielders Choice	NG6788	VT3	P250	111	186.7	15.7	12.0	36.9	1,266.3	19
Kruger	K4-9710	STX	P500,V	110	186.6	15.3	11.0	33.6	1,267.5	18
G2 Genetics	5H-1001^	HX,RR2	P1250,V	110	186.2	15.7	2.0	35.3	1,262.9	22
Gold Country	107-17	VT3P	P250	107	186.1	14.4	14.7	36.9	1,265.5	20
Stine	9531VT3Pro*	VT3P	C250	107	185.8	14.6	18.0	30.3	1,263.4	21
Titan Pro	80A08GL	3000GT	C250	108	185.0	15.6	13.7	35.3	1,255.2	23
NK Brand	N61P-3000GT GC	3000GT	C250	107	183.4	16.1	5.7	32.8	1,242.1	25
Titan Pro	81A10	CB/LL/RW	C250	110	183.1	15.0	7.3	35.3	1,245.1	24
G2 Genetics	5X-411^*	HXT,RR2	C250	111	182.9	16.4	6.0	36.9	1,237.3	27
Channel	209-77VT3	VT3	P500,V	109	182.4	14.9	24.7	34.4	1,240.3	26
Renk	RK818VT3P	VT3P	P250	108	181.2	15.7	13.7	35.3	1,229.0	29
Trelay	6VP844	VT3P	P500,V	107	181.1	14.5	4.0	32.8	1,231.5	28
G2 Genetics	5X-909^*	HXT,RR2	C250	109	179.6	16.2	3.7	33.6	1,215.9	30
Pioneer	P0528 CK	none	C250	105	171.9	14.2	3.0	33.6	1,168.9	35
Test Average =					179.6	14.8	12.4	34.2	1,219.3	
LSD (0.10) =					16.2	1.0	15.3			
C.V. =					6.6	5.1				



F.I.R.S.T. Manager

TEST COMMENTS: *This continuous corn site revealed definite strengths/weaknesses of hybrids to Goss's wilt, northern corn leaf blight and gray leaf spot, all of which were major yield limiting factors. The biggest killer here was definitely Goss's wilt which was prevalent in the nearby area. Ear size, kernel depth and stalk integrity differences were very apparent between hybrids.*

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^{††} IST: **AV** - Avicta, **C** - Cruiser, **P** - Poncho, **250, 500, and 1250** = 0.25, 0.5, and 1.25 g ai/seed, respectively; **V** - Votivo

 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, * = brands without a seed lot number, **ns** = not significantly different

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

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Report Date: 10/13/2011

Revised:



Footnotes, Abbreviations, and Trademarks

Brand Footnotes

^G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doebler's PA Seed. Supreme EX® brand seed is distributed by Seed Consultants, Inc. XL™ and Phoenix™ brand seeds are distributed by Beck's Superior Hybrids. G2®, RPM®, Supreme EX®, and XL™ are trademarks of Pioneer Hi-Bred.

Technologies

3000GT	Agrisure® 3000GT
3111	Agrisure® Viptera™ 3111
AMRW	Optimum® AcreMax™ Rootworm Protection
CB/LL	Agrisure® CB/LL
CB/LL/RW	Agrisure® CB/LL/RW
GT	Agrisure® GT
GT/CB/LL	Agrisure® GT/CB/LL
HX	HERCULEX® I Insect Protection
HXT	HERCULEX® XTRA Insect Protection
LL	LibertyLink® herbicide tolerance
RR	Roundup Ready® Soybeans
RR2	Roundup Ready® Corn 2
RR2Y	Genuity® Roundup Ready 2 Yield®
STX	SmartStax®
STS	STS® herbicide tolerance
VT2P	Genuity® VT Double PRO™
VT3	YieldGard VT Triple®
VT3P	Genuity® VT Triple PRO™

Seed Treatments

A	Allegiance®
AC	Acceleron®
AM	ApronMaxx®
AP	Apron XL®
AV	Avicta®
C	Cruiser®
CM	CruiserMaxx®
E	Excalibre™
I	Inovate™ System
G	Gaicho®
O	Optimize®
P	Poncho®
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
V	VOTIVO®

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