

**2011 BETTER HYBRIDS Harvest Report for Iowa North West [ IANW ]**
**EARLY SEASON TEST**

Greg Poe, Iowa Lakes Comm. College, Palo Alto County, IA 50536

[ EMMETSBURG ]

**101 - 106 Day CRM**

B1IANW01a

PREV. CROP/HERB: Soybean / Roundup, Volunteer

SOIL DESCRIPTION: Nicollet-Canisteo silty clay loam, well drained, minimum w/ fall till, non-irrigated

SOIL CONDITION: High P, high K, 6.5 pH, 4% OM

PEST MANAGEMENT: Impact, Atrazine, Force 3G

30" ROW SPACING

FERTILITY - Applied N: 140 Spring,

Applied N-P-K (units): 140-75-90

SEEDED - RATE: May 4 35,100 /A

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

HARVESTED - STAND: Oct 19 32,100 /A

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology <sup>†</sup>	IST <sup>††</sup>	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dekalb	DKC53-78 GC	STX	P250	103	<b>219.9</b>	15.1	2.0	32.0	1,494.3	1
Trelay	6ST576	STX	P500,V	104	<b>219.0</b>	15.6	2.0	28.7	1,483.3	2
LG Seeds	LG2508VT3Pro	VT3P	P500,V	104	<b>215.2</b>	15.9	3.0	32.0	1,454.6	3
G2 Genetics	5H-0601^	HX,RR2	P1250,V	106	<b>215.1</b>	16.2	2.0	32.0	1,451.1	4
Wyffels	W4267	VT3P	P250	105	<b>213.9</b>	16.0	1.0	32.8	1,444.9	5
G2 Genetics	5H-905^	HX,RR2	C250	105	<b>212.5</b>	15.8	3.0	32.8	1,437.4	6
LG Seeds	LG2535STX	STX	P500,V	106	212.2	16.7	2.0	32.0	1,426.7	7
Jung	7V570	VT3P	P500	105	207.1	16.0	1.0	29.5	1,399.0	10
Dyna-Gro	D40SS09	STX	P250	100	206.5	14.9	1.0	34.4	1,404.2	9
Kruger	K-6201VT3	VT3	P500,V	101	206.5	16.1	29.7	29.5	1,394.0	12
Dairyland	ST-9303SSX	STX	C250	103	205.6	14.7	3.7	32.0	1,398.1	11
Renk	RK708VT3P	VT3P	P250	105	205.4	15.8	3.0	35.2	1,389.3	13
Trelay	6ST620	STX	P500,V	106	205.0	16.0	1.0	29.5	1,384.8	14
G2 Genetics	5H-0701^	HX,RR2	C250	106	204.9	16.0	8.0	33.6	1,384.1	15
Dyna-Gro	D45VC90	VT2P	P250	105	204.3	16.4	2.0	30.3	1,376.4	19
Wyffels	W4179	3000GT	C250	105	204.2	15.7	5.7	34.4	1,382.1	16
G2 Genetics	5X-903^	HXT,RR2	P1250,V	103	204.2	15.9	9.7	32.8	1,380.3	17
AgriGold	A6359STX	STX	P500,V	105	203.8	16.8	1.0	33.6	1,369.3	20
Producers	6374VT3	VT3	P500,V	103	203.7	15.9	11.7	34.4	1,376.9	18
Viking	50-04N	none	C250	104	202.5	16.4	2.0	36.1	1,364.2	22
AgriGold	A6319VT3Pro	VT3P	P500,V	103	201.7	15.7	1.0	30.3	1,365.2	21
Great Lakes	5339GT3	3000GT	P500,V	103	201.3	16.2	2.0	28.7	1,358.0	23
Viking	D44-06RL	STX	C250	106	200.9	16.6	1.0	29.5	1,351.7	26
NK Brand	N47V-3000GT GC	3000GT	C250	101	200.1	15.8	7.0	36.1	1,353.5	25
LG Seeds	LG2525RR	RR2	P500,V	105	199.5	16.3	23.3	34.4	1,344.9	27
Renze	CX17104RR2*	RR2	P250	104	199.4	15.1	1.0	34.4	1,355.0	24
Titan Pro	80A05GL	3000GT	C250	105	198.3	16.1	2.0	31.2	1,338.6	29
NuTech	5N-102*	3000GT	C250	102	197.6	14.8	22.0	33.6	1,343.7	28
Renk	RK694GTCBLLRWBL	3111	C250	104	197.6	16.4	2.0	27.9	1,331.2	31
Kruger	K-6102VT3	VT3	P500,V	102	196.8	15.0	6.3	34.4	1,338.2	30
Pioneer	P0528 CK	none	C250	105	208.1	16.1	2.0	33.6	1,404.8	8
					Test Average =	<b>196.0</b>	<b>15.8</b>	<b>10.8</b>	<b>32.1</b>	<b>1,325.1</b>
					LSD (0.10) =	16.4	0.4	17.6		
					C.V. =	6.2	1.8			



F.I.R.S.T. Manager

**TEST COMMENTS:** *Timely rains from pollination through grain fill allowed hybrids to finish strong in spite of an outbreak of Gray leaf spot throughout the testing site. A late July visit also revealed the presence of Eyespot, Physoderma brown spot, and Stewart's leaf blight.*
*Differences in stalk quality were very apparent and lodging scores here are a reflection of that.*

Lat: N43.1316, Long: W-94.76609

Yield &amp; Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.045 Price = \$6.80

<sup>†</sup> 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

<sup>††</sup> 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](http://www.firstseedtests.com)

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Revised:

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

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[ EMMETSBURG ]

**FULL SEASON TEST**
**107 - 110 Day CRM**

B1IANW01b

PREV. CROP/HERB: Soybean / Roundup, Volunteer

SOIL DESCRIPTION: Nicollet-Canisteo silty clay loam, well drained, minimum w/ fall till, non-irrigated

SOIL CONDITIONS: High P, high K, 6.5 pH, 4% OM

PEST MANAGEMENT: Impact, Atrazine, Force 3G

30" ROW SPACING

FERTILITY - Applied N: 140 Spring,

Applied N-P-K (units): 140-75-90

SEEDED - RATE: May 4 35,100 /A

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

HARVESTED - STAND: Oct 19 33,400 /A

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology <sup>†</sup>	IST <sup>††</sup>	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Channel	209-85VT3P	VT3P	P500,V	109	<b>229.1</b>	16.6	4.7	33.6	1,541.4	1
Channel	209-77VT3	VT3	P500,V	109	<b>228.8</b>	16.8	2.0	32.0	1,537.3	2
Great Lakes	5939G3VT3	VT3	P500,V	109	<b>223.4</b>	16.7	4.7	32.8	1,502.0	3
Gold Country	110-35	VT3	P250	110	<b>221.7</b>	17.1	2.0	37.7	1,486.6	4
Wyffels	W7147	VT3P	P250	111	<b>221.5</b>	17.1	3.0	35.3	1,485.3	5
Kruger	K4-9710	STX	P500,V	110	219.5	16.7	1.0	35.3	1,475.8	6
G2 Genetics	5X-411^*	HXT,RR2	C250	111	219.4	18.0	1.0	32.8	1,462.3	8
Fielders Choice	NG6788	VT3	P250	111	218.6	17.3	1.0	32.0	1,463.9	7
Channel	210-44VT2P	VT2P	P500,V	110	217.3	17.7	30.0	34.4	1,451.2	9
Kruger	K-6408VT3	VT3	P500,V	108	215.4	16.4	4.0	31.2	1,451.1	10
Channel	210-57STX	STX	P500,V	110	213.4	17.0	1.0	34.4	1,431.9	12
Kruger	K-7907	VT3P	P500,V	107	212.7	15.1	2.0	33.6	1,445.4	11
Fielders Choice	NG6731	VT3	P250	107	212.7	16.9	2.0	30.4	1,428.2	14
NuTech	5B-1003*	GT/CB/LL	C250	110	212.4	16.5	22.0	36.1	1,430.0	13
Trelay	6VP844	VT3P	P500,V	107	211.3	16.2	1.0	33.6	1,425.4	15
NuTech	5N-1004*	3000GT	C250	110	211.2	16.9	2.0	32.8	1,418.1	16
G2 Genetics	5H-1001^	HX,RR2	P1250,V	110	210.6	17.0	13.7	29.5	1,413.1	17
Renk	RK818VT3P	VT3P	P250	108	210.6	17.3	3.7	37.7	1,410.3	18
Trelay	6VT823	VT3	P500,V	107	209.2	16.8	2.0	36.1	1,405.6	20
Stine	9731VT3Pro*	VT3P	C250	110	208.6	17.9	18.0	32.8	1,391.3	26
G2 Genetics	5X-908^*	HXT,RR2	C250	108	208.4	17.2	3.0	30.4	1,396.5	22
G2 Genetics	5X-909^*	HXT,RR2	C250	109	208.4	17.4	1.0	36.1	1,394.6	25
AgriGold	A6476VT3Pro	VT3P	P500,V	110	207.6	16.7	4.7	36.9	1,395.8	23
Fielders Choice	NG6723	VT3	P250	110	207.3	16.6	1.0	32.8	1,394.7	24
Gold Country	107-17	VT3P	P250	107	207.1	16.0	1.0	31.2	1,399.0	21
Renk	RK741VT3P	VT3P	P250	108	205.6	16.3	1.0	33.6	1,386.1	27
Trelay	7ST637	STX	P500,V	110	205.5	17.2	1.0	32.0	1,377.1	28
Producers	7014VT3	VT3	P500,V	110	202.8	16.6	22.7	33.6	1,364.4	30
AgriGold	A6458VT3	VT3	P500,V	110	202.5	16.6	3.7	32.0	1,362.4	31
Fielders Choice	NG6710	VT3P	P250	108	202.3	16.1	20.3	33.6	1,365.6	29
Pioneer	P0528 CK	none	C250	105	208.9	16.5	2.0	34.4	1,406.4	19
Test Average =					<b>204.6</b>	<b>16.7</b>	<b>9.1</b>	<b>33.4</b>	<b>1,375.3</b>	
LSD (0.10) =					16.6	0.6	17.5			
C.V. =					6.0	2.7				



F.I.R.S.T. Manager

**TEST COMMENTS:** *Timely rains from pollination through grain fill allowed hybrids to finish strong in spite of an outbreak of Gray leaf spot throughout the testing site. A late July visit also revealed the presence of Eyespot, Physoderma brown spot, and Stewart's leaf blight.*
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## 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	Gaucho®
O	Optimize®
P	Poncho®
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
V	VOTIVO®

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