

**2011 BETTER VARIETIES Harvest Report for Iowa North [ IANO ]**

S1IANO19

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

[ EMMETSBURG ]

PREV. CROP/HERB: Corn / Impact, Atrazine  
 SOIL DESCRIPTION: Nicollet-Canisteo silty clay loam, well drained, non-irrigated  
 SOIL CONDITIONS: high P, high K, 6.5 pH, 4% OM  
 TILLAGE/CULTIVATION: minimum w/ fall till  
 PEST MANAGEMENT: Glyphosate, Arrow 2 EC, Endigo ZC, Stratego YLD  
 SEEDED - RATE: May 17 170,000 /A  
 HARVESTED - STAND: Oct 3 142,200 /A

 1.8 - 2.5 MAT. GROUP  
 15" ROW SPACING

 TOP 30 for YIELD of 72 TESTED  
 AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technol. †	Mat.	SCN Resist.	Seed †† Trmt.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Viking	2300R2	RR2Y	2.3	S	AC	74.9	12.1	5.7	147.6	\$838.9
Kruger	K2-2301	RR2Y	2.3	S	AC	74.8	11.3	4.7	134.5	\$837.8
Viking	2174RR	RR	2.1	MR	AC	73.9	8.9	1.0	152.5	\$827.7
NuTech	6228*	RR	2.2	S	T6	73.9	8.6	2.0	98.4	\$827.7
Trelay	24RR19	RR2Y	2.4	S	AC	73.9	12.6	7.3	127.9	\$827.7
Gold Country	2341	RR2Y	2.3	S	AC	73.2	13.0	9.0	157.4	\$819.8
Viking	2044R2N	RR2Y	2.0	R	AC	73.1	8.1	3.0	159.1	\$818.7
FS Hisoy	HS 21A02	RR2Y	2.1	R	CM	72.8	7.9	1.0	100.1	\$815.4
Trelay	20RR43	RR2Y	2.0	R	AC	72.3	7.7	1.0	188.6	\$809.8
Dyna-Gro	36RY19	RR2Y	1.9	R	AC	72.3	8.5	2.0	131.2	\$809.8
FS Hisoy	HS 19A02	RR2Y	1.9	R	CM	72.1	8.1	4.0	137.7	\$807.5
Kruger	K2-1902	RR2Y	1.9	R	AC	72.0	7.8	1.0	139.4	\$806.4
Channel	2402R2	RR2Y	2.4	S	AC	71.9	11.4	7.3	129.6	\$805.3
SOI	2430RR2Y	RR2Y	2.4	S	CM,AP	71.8	14.3	7.3	116.4	\$802.3
Prairie Brand	PB-2419RR2	RR2Y	2.3	S	CM	71.3	14.0	7.3	149.2	\$797.1
Prairie Brand	PB-2121R	RR	2.0	S	CM	71.2	8.2	1.0	126.3	\$797.4
Gold Country	1741	RR2Y	1.7	R	AC	71.1	7.4	2.0	134.5	\$796.3
Kruger	K2-2102	RR2Y	2.1	R	AC	71.1	8.6	3.0	172.2	\$796.3
Pfister	24R28	RR2Y	2.4	S	CM	71.1	13.6	9.0	132.8	\$795.5
SOI	2013NRR2Y	RR2Y	2.0	R	CM,AP	70.9	7.7	2.0	134.5	\$794.1
FS Hisoy	HS 24A12	RR2Y	2.4	R	CM	70.9	10.7	2.0	154.1	\$794.1
Prairie Brand	PB-2242R2	RR2Y	2.2	R	CM	70.6	8.9	3.0	155.8	\$790.7
Kruger	K2-1902	RR2Y	1.9	R	AC,V	70.5	7.9	1.0	111.5	\$789.6
Prairie Brand	PB-2042R2	RR2Y	2.0	R	CM	70.3	7.7	1.0	114.8	\$787.4
SOI	2049NRR2Y	RR2Y	2.0	R	CM,AP	70.3	8.1	1.0	200.1	\$787.4
Hefty	H25Y12	RR2Y	2.5	MR	I	70.1	10.3	5.7	157.4	\$785.1
FS Hisoy	HS 18A12	RR2Y	1.8	R	CM	70.0	7.5	1.0	147.6	\$784.0
Hefty	H23Y10	RR2Y	2.2	S	I	69.9	11.7	1.0	119.7	\$782.9
Trelay	21RR37	RR2Y	2.1	R	AC	69.9	8.6	2.0	114.8	\$782.9
Latham	L2182R2 GC	RR2Y	2.1	R	AC	69.8	8.3	2.0	149.2	\$781.8
Test Average =						<b>68.4</b>	<b>10.0</b>	<b>3.5</b>	<b>142.2</b>	<b>\$766.3</b>
LSD (0.10) =						5.2	1.5	2.8		
C.V. =						5.7	10.8			


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

**TEST COMMENTS:** *Timely rains throughout the growing season and a lack of disease pressure at this site provided for some big yields. Despite an August wind storm that caused lodging across the site, most varieties were easy to harvest. A mid September freeze may also have nipped some later maturing varieties that had not completed filling seeds prior to maturity.*

Lat: N43.13011, Long: W-94.77296

Yield &amp; Income Factors: Base Moisture = 13% Shrink = 1.3 Drying = \$0.020 Price = \$11.20

† Technology: RR - Roundup Ready, RR2Y - Roundup Ready 2 Yield, STS - Sulfonylurea Tol

†† Seed Treatment: A - Allegiance, AC - Accelaron, AM - ApronMaxx, AP - Apron XL, AV - Avicta, CM - CruiserMaxx, E - Excalibre, I - Inovate, G - Gaucho, O - Optimize, T - Trilex, T2 - Trilex 2000, T6 - Trilex 6000, V - Votivo

Results in bold are significantly above the test average. GC = grower comparison product, \* brands without a seed lot number; ns = not significantly different

 Complete list of brands tested & searchable database available at [www.firstseedtests.com](http://www.firstseedtests.com)

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Report Date: 10/4/2011 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	Gaucho®
O	Optimize®
P	Poncho®
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
V	VOTIVO®

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