

2011 BETTER VARIETIES Harvest Report for Iowa North [IANO]
 Dale Hemann, Mitchell County, IA 50461 [OSAGE]

S1IANO21

 PREV. CROP/HERB: Corn / Surestart, Atrazine
 SOIL DESCRIPTION: Maxfield silty clay loam, well drained, non-irrigated
 SOIL CONDITIONS: high P, moderate K, 7 pH, 3.9% OM
 TILLAGE/CULTIVATION: conventional w/ fall till
 PEST MANAGEMENT: Glyphosate, Warrior
 SEEDED - RATE: May 17 170,000 /A
 HARVESTED - STAND: Oct 4 148,500 /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
Kruger	K2-2102	RR2Y	2.1	R	AC	68.7	11.1	4.7	191.9	\$769.4
Viking	2000R2N	RR2Y	2.0	R	AC	67.7	10.3	9.7	159.1	\$758.2
Pioneer	92Y30 GC	RR	2.3	R	None	67.6	11.8	1.0	136.1	\$757.1
FS Hisoy	HS 19A02	RR2Y	1.9	R	CM	67.6	10.1	12.0	144.3	\$757.1
Channel	2305R2	RR2Y	2.3	R	AC	67.4	13.4	7.3	164.0	\$754.3
Prairie Brand	PB-1823R2	RR2Y	1.8	R	CM	67.1	8.9	5.7	160.7	\$751.5
FS Hisoy	HS 18A12	RR2Y	1.8	R	CM	66.7	9.2	3.0	136.1	\$747.0
Gold Country	2140	RR2Y	2.1	R	AC	66.2	11.4	3.0	152.5	\$741.4
Kruger	K2-1901	RR2Y	1.9	R	AC	65.7	9.4	5.7	121.3	\$735.8
Trelay	20RR43	RR2Y	2.0	R	AC	65.5	10.3	4.0	195.2	\$733.6
Dairyland	DSR-2105R2Y	RR2Y	2.1	MR	CM	65.5	12.3	9.7	126.3	\$733.6
Titan Pro	20M1	RR2Y	2.0	R	CM	65.3	9.7	7.3	132.8	\$731.4
Trelay	21RR37	RR2Y	2.1	R	AC	65.1	11.0	4.7	104.9	\$729.1
Hefty	H21Y11	RR2Y	2.0	MR	I	65.0	12.4	4.7	129.6	\$728.0
Prairie Brand	PB-2143R2	RR2Y	2.0	R	CM	64.8	10.8	4.0	136.1	\$725.8
Kruger	K2-2301	RR2Y	2.3	S	AC	64.8	15.1	7.3	141.0	\$723.0
SOI	2049NRR2Y	RR2Y	2.0	R	CM,AP	64.7	9.6	4.0	180.4	\$724.6
NK Brand	S21-B1 GC	RR	2.1	R	CM	64.3	10.9	7.3	185.3	\$720.2
Prairie Brand	PB-2042R2	RR2Y	2.0	R	CM	64.0	10.1	1.0	154.2	\$716.8
Hefty	H23Y10	RR2Y	2.2	S	I	64.0	14.4	7.3	119.7	\$715.0
SOI	2013NRR2Y	RR2Y	2.0	R	CM,AP	63.9	9.4	12.0	127.9	\$715.7
Gold Country	1741	RR2Y	1.7	R	AC	63.7	9.0	1.0	132.9	\$713.4
Kruger	K2-2001	RR2Y	2.0	R	AC	63.6	12.4	5.7	118.1	\$712.3
Kruger	K2-1902	RR2Y	1.9	R	AC	63.5	10.1	1.0	137.8	\$711.2
Viking	2044R2N	RR2Y	2.0	R	AC	63.5	9.5	4.7	193.5	\$711.2
Gold Country	2040	RR2Y	2.0	R	AC	63.2	10.1	1.0	139.4	\$707.8
G2 Genetics	7250^*	RR	2.5	R	T6	63.2	12.8	4.7	164.0	\$707.8
Dyna-Gro	36RY19	RR2Y	1.9	R	AC	63.1	9.8	4.0	129.6	\$706.7
Latham	L2182R2 GC	RR2Y	2.1	R	AC	63.1	13.0	4.0	180.4	\$706.7
Viking	2300R2	RR2Y	2.3	S	AC	63.1	16.8	13.7	157.4	\$701.9
Test Average =						62.1	13.5	6.3	148.5	\$693.4
LSD (0.10) =						5.3	1.9	4.8		
C.V. =						6.3	10.3			


 F.I.R.S.T. Manager

TEST COMMENTS: *In spite of dry weather for most of August and September, timely rains during flowering and pod development set the stage for good yield potential here. Plants were tall from a lot of vegetative growth resulting in some lodging; however, pod load and seed set was excellent across the site. A dry finish to the season resulted in smaller seeded beans* Lat: N43.32075, Long: W-92.77942

Yield & 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

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Report Date: 10/5/2011 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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