

2011 BETTER VARIETIES Harvest Report for Iowa North Central [IANC]

S1IANC26

John Willson, Butler County, IA 50670 [SHELL ROCK]

 PREV. CROP/HERB: Corn / Ignite
 SOIL DESCRIPTION: Spillville loam, well drained, non-irrigated
 SOIL CONDITIONS: mod. high P, moderate K, 6.7 pH, 5% OM
 TILLAGE/CULTIVATION: conventional w/ fall till
 PEST MANAGEMENT: Glyphosate, Asana, Evito
 SEEDED - RATE: May 16 170,000 /A
 HARVESTED - STAND: Oct 4 156,000 /A

 2.1 - 2.8 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
Prairie Brand	PB-2242R2	RR2Y	2.2	R	CM	63.3	9.5	1.0	146.0	\$709.0
Kruger	K2-2301	RR2Y	2.3	S	AC	60.5	8.7	1.0	129.6	\$677.6
Channel	2402R2	RR2Y	2.4	S	AC	60.4	8.7	1.0	149.2	\$676.5
Gold Country	2341	RR2Y	2.3	S	AC	60.2	8.8	1.0	168.9	\$674.2
Dyna-Gro	39RY25	RR2Y	2.5	S	AC	59.1	8.6	1.0	124.6	\$661.9
FS Hisoy	HS 22A12	RR2Y	2.2	R	CM	58.8	8.4	1.0	150.9	\$658.6
Viking	2300R2	RR2Y	2.3	S	AC	58.8	8.7	1.0	155.8	\$658.6
Hefty	H23Y10	RR2Y	2.2	S	I	58.7	8.7	1.0	101.7	\$657.4
Pfister	24R28	RR2Y	2.4	S	CM	58.2	9.1	1.0	149.2	\$651.8
Kruger	K2-2102	RR2Y	2.1	R	AC	57.9	8.3	1.0	190.2	\$648.5
Kruger	K2-2001	RR2Y	2.0	R	AC	57.7	9.3	1.0	106.6	\$646.2
FS Hisoy	HS 19A02	RR2Y	1.9	R	CM	57.2	8.3	1.0	159.1	\$640.6
Prairie Brand	PB-2419RR2	RR2Y	2.3	S	CM	56.8	9.0	1.0	157.4	\$636.2
FS Hisoy	HS 24A12	RR2Y	2.4	R	CM	56.7	8.5	1.0	155.8	\$635.0
SOI	2430RR2Y	RR2Y	2.4	S	CM,AP	56.5	9.0	1.0	160.7	\$632.8
FS Hisoy	HS 24A01	RR2Y	2.4	S	CM	56.3	9.3	1.0	136.1	\$630.6
Titan Pro	23M9	RR2Y	2.3	S	CM	56.1	8.9	1.0	141.1	\$628.3
Prairie Brand	PB-2391R2	RR2Y	2.3	S	CM	55.9	8.7	1.0	142.7	\$626.1
Latham	L2440R2 GC	RR2Y	2.4	S	AC	55.8	9.1	1.0	144.3	\$625.0
Channel	2300R2	RR2Y	2.3	R	AC	55.8	9.1	1.0	208.3	\$625.0
Prairie Brand	PB-2143R2	RR2Y	2.0	R	CM	55.6	8.5	1.0	139.4	\$622.7
Pioneer	92Y51 GC	RR	2.5	R	T2,G	55.4	8.8	1.0	152.5	\$620.5
Prairie Brand	PB-2343R2	RR2Y	2.2	R	CM	55.4	9.1	1.0	114.8	\$620.5
Steyer	2502R2	RR2Y	2.5	MR	AC	55.1	9.4	1.0	139.4	\$617.1
Dairyland	DSR-2560RR	RR	2.5	S	CM	55.0	9.1	1.0	134.5	\$616.0
Prairie Brand	PB-2221R2	RR2Y	2.2	R	CM	54.9	9.1	1.0	150.9	\$614.9
FS Hisoy	HS 25A12	RR2Y	2.5	R	CM	54.7	9.5	1.0	132.8	\$612.6
Titan Pro	24M21	RR2Y	2.4	R	AC	54.3	9.4	1.0	152.5	\$608.2
SOI	2013NRR2Y	RR2Y	2.0	R	CM,AP	54.2	8.5	1.0	155.8	\$607.0
Pioneer	92Y80 GC	RR	2.8	R	None	54.1	10.8	1.0	193.5	\$605.9
Test Average =						52.7	9.4	1.0	156.0	\$590.5
LSD (0.10) =						4.6	0.9	ns		
C.V. =						6.4	7.3			


 F.I.R.S.T. Manager

TEST COMMENTS: A hot and dry July appeared to interfere with the first couple weeks of flowering at this site. After a couple needed showers at the end of July, more dry weather from mid-August through September took its toll on pod development and seed filling evidenced by fewer pods and small seeded beans. Not much for disease pressure here. Very uniform. Lat: N42.74791, Long: W-92.5861

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

AgSCI Copyright 2011

Report Date: 10/6/2011 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®

Trademarks

- Excalibre™ is a trademark of Advanced Biological Marketing
- Allegiance®, Gaucho®, LibertyLink®, Poncho®, Trilex®, and VOTIVO™ are trademarks of Bayer AG.
- Herculex® is a trademark of Dow AgroSciences LLC.
- STS® is a registered trademark of E.I. DuPont Nemours & Co.
- Optimize® is a trademark of EMD Crop BioScience Inc.
- Acceleron®, Genuity®, Roundup Ready®, Roundup Ready 2 Yield®, SmartStax®, VT Triple PRO®, and YieldGard VT Triple® are trademarks of Monsanto Technology LLC.
- Optimum® and AcreMax® are trademarks of Pioneer Hi-Bred.
- Agrisure®, ApronMaxx®, ApronXL®, Avicta®, Cruiser®, CruiserMaxx®, and Viptera™ are trademarks of a Syngenta Group Company.
- Inovate™ System is a trademark of Valent