

2011 BETTER VARIETIES Harvest Report for Iowa South Central [IASC]
 Dennis Mleynek, Guthrie County, IA 50216 [YALE]

S1IASC33

PREV. CROP/HERB: Corn / Roundup, Outlook
 SOIL DESCRIPTION: Nicollet loam, moderately drained, non-irrigated
 SOIL CONDITIONS: high P, high K, 6 pH, 4.4% OM
 TILLAGE/CULTIVATION: conventional w/ fall till
 PEST MANAGEMENT: Extreme, Prefix, Fusilade DX
 SEEDED - RATE: May 19 170,000 /A
 HARVESTED - STAND: Oct 3 164,200 /A

 2.4 - 3.1 MAT. GROUP
 15" ROW SPACING

 TOP 30 for YIELD of 42 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-2412X	RR2Y	2.4	R	CM	64.6	8.1	1.0	177.2	\$762.3
Kruger	K2-2904	RR2Y	2.9	R	AC	64.6	12.6	14.3	147.4	\$762.3
FS Hisoy	HS 28A02	RR2Y	2.8	R	CM	64.4	11.6	3.0	187.2	\$759.9
NK Brand	S25-T8 GC	RR	2.5	R	CM	64.2	8.7	2.0	201.1	\$757.6
Dyna-Gro	38RY28	RR2Y	2.8	R	AC	64.0	10.5	7.0	175.2	\$755.2
G2 Genetics	7282^*	RR	2.8	R	T6	63.2	13.2	1.0	165.3	\$745.5
Kruger	K2-2803	RR2Y	2.8	R	AC	63.0	10.5	3.0	177.2	\$743.4
NK Brand	S28-K1 GC	RR	2.8	S	CM	63.0	9.6	4.0	177.2	\$743.4
Dyna-Gro	36RY29	RR2Y	2.9	R	AC	62.0	12.3	12.0	143.4	\$731.6
SOI	2534RR	RR	2.5	S	CM,AP	61.8	8.5	4.7	177.2	\$729.2
Kruger	K2-2602	RR2Y	2.6	R	AC	61.6	9.1	4.0	141.4	\$726.9
Prairie Brand	PB-2743R2	RR2Y	2.7	R	CM	61.6	11.0	7.0	159.3	\$726.9
G2 Genetics	7310^*	RR	3.1	R	T6	60.0	15.6	11.3	167.3	\$704.9
FS Hisoy	HS 25A12	RR2Y	2.5	R	CM	59.4	8.9	8.7	167.3	\$700.9
FS Hisoy	HS 29A12	RR2Y	2.9	R	CM	59.1	13.0	19.7	163.3	\$697.4
Kruger	K2-2601	RR2Y	2.6	R	AC	58.9	9.7	4.0	121.5	\$695.0
Prairie Brand	PB-2419RR2	RR2Y	2.3	S	CM	58.7	8.3	2.0	153.3	\$692.7
Dyna-Gro	31RY25	RR2Y	2.5	MR	AC	58.7	8.8	4.7	199.1	\$692.7
Kruger	K2-3103	RR2Y	3.1	R	AC	58.6	13.8	7.3	147.4	\$690.5
G2 Genetics	7262^*	RR	2.6	R	T6	58.0	8.8	1.0	161.3	\$684.4
G2 Genetics	7272^*	RR	2.7	R	T6	58.0	9.0	1.0	161.3	\$684.4
Kruger	K2-2703	RR2Y	2.7	R	AC	58.0	10.8	14.0	147.3	\$684.4
Prairie Brand	PB-2903R2	RR2Y	2.8	R	CM	57.7	11.8	11.7	151.4	\$680.9
FS Hisoy	HS 24A01	RR2Y	2.4	S	CM	57.4	8.4	1.0	135.4	\$677.3
Titan Pro	23M9	RR2Y	2.3	S	CM	57.1	8.6	3.0	161.3	\$673.8
Channel	3000R2	RR2Y	3.0	R	AC	57.1	20.1	15.0	173.2	\$665.7
Pfister	28R21	RR2Y	2.8	R	CM	56.7	10.8	6.3	175.3	\$669.1
FS Hisoy	HS 27A12	RR2Y	2.7	R	None	56.6	9.1	3.0	151.3	\$667.9
Kruger	K2-2902	RR2Y	2.9	R	AC	56.5	12.0	22.0	141.4	\$666.7
FS Hisoy	HS 31A02	RR2Y	3.1	R	CM	56.5	22.1	16.7	177.2	\$656.4
Test Average =						58.4	12.0	7.8	164.2	\$687.5
LSD (0.10) =						5.3	3.1	7.9		
C.V. =						6.6	18.8			


 F.I.R.S.T. Manager

TEST COMMENTS: Hot and dry growing season can be seen in the plot with a little more rain the plot would have yielded better. Pods were small and contained very small seed. No pests or diseases were seen. Plants were medium in height.

Lat: N41.77192, Long: W-94.29107

Yield & Income Factors: Base Moisture = 13% Shrink = 1.3 Drying = \$0.020 Price = \$11.80

† 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: 10/4/2011 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®

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