

2011 BETTER VARIETIES Harvest Report for Iowa South [IASO]
 Mark Bentley, Pottawattamie County, IA 51560 [OAKLAND]

S1IASO37

PREV. CROP/HERB: Corn / Roundup, Harness Xtra, Callisto, Force
 SOIL DESCRIPTION: Judson silt loam, moderately drained, non-irrigated
 SOIL CONDITIONS: high P, high K, 6.3 pH, 4.1% OM
 TILLAGE/CULTIVATION: no-till
 PEST MANAGEMENT: Roundup
 SEEDED - RATE: May 18 170,000 /A
 HARVESTED - STAND: Oct 4 158,000 /A

 2.9 - 3.6 MAT. GROUP
 15" ROW SPACING

 TOP 30 for YIELD of 30 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
Dyna-Gro	37RY33	RR2Y	3.3	R	AC	70.2	13.9	3.0	147.3	\$827.1
Kruger	K2-2703	RR2Y	2.7	R	AC	68.3	9.9	2.0	163.3	\$805.9
Asgrow	AG2931 GC	RR2Y	2.9	R	AC	67.9	9.4	1.0	173.2	\$801.2
Kruger	K2-3402	RR2Y	3.4	R	AC	67.7	13.9	1.0	135.4	\$797.6
Dyna-Gro	31RY34	RR2Y	3.4	R	AC	67.2	13.9	1.0	175.2	\$791.8
SOI	3457RR2Y	RR2Y	3.4	R	CM,AP	67.2	14.4	4.0	197.1	\$791.1
Pfister	30R29	RR2Y	3.0	R	CM	67.1	11.8	1.0	159.3	\$791.8
FS Hisoy	HS 33A02	RR2Y	3.3	R	CM	66.9	15.6	1.0	199.1	\$785.9
Channel	3402R2	RR2Y	3.4	R	AC	66.8	14.6	1.0	171.3	\$786.1
Pioneer	93Y16 GC	RR	3.1	n/a		66.7	10.0	1.0	155.3	\$787.1
Kruger	K2-3202	RR2Y	3.2	R	AC	66.4	10.5	2.0	139.4	\$783.5
Titan Pro	34M21	RR2Y	3.4	R	AC	66.4	16.2	4.7	143.4	\$779.3
Pfister	34R20	RR2Y	3.4	R	CM	65.6	14.6	2.0	143.4	\$772.0
Kruger	K2-3103	RR2Y	3.1	R	AC	65.4	11.2	1.0	155.3	\$771.7
Kruger	K2-2803	RR2Y	2.8	R	AC	64.8	9.9	1.0	143.4	\$764.6
FS Hisoy	HS 31A02	RR2Y	3.1	R	CM	64.0	13.2	4.7	177.2	\$754.9
Channel	3303R2	RR2Y	3.3	R	AC	63.8	17.8	2.0	157.3	\$746.7
Dyna-Gro	38RY32	RR2Y	3.2	R	AC	63.6	12.7	1.0	153.3	\$750.5
Asgrow	AG3030 GC	RR2Y	3.0	R	AC	63.5	11.2	2.0	163.3	\$749.3
Titan Pro	32M20	RR2Y	3.2	R	AC	63.3	14.3	3.0	205.1	\$745.3
Asgrow	AG3402 GC	RR	3.4	R	AC	61.3	12.6	10.0	193.2	\$723.3
Channel	3205R2	RR2Y	3.2	R	AC	61.3	14.5	2.0	151.3	\$721.5
Pioneer	92Y91 GC	RR	2.9	S		61.3	17.3	1.0	153.3	\$718.1
FS Hisoy	HS 29A12	RR2Y	2.9	R	CM	61.2	11.2	4.7	133.4	\$722.2
Kruger	K2-2904	RR2Y	2.9	R	AC	60.1	13.5	11.3	151.3	\$708.6
FS Hisoy	HS 34A12	RR2Y	3.4	R	CM	53.6	20.3	4.7	169.3	\$624.7
Titan Pro	37M21	RR2Y	3.6	R	AC	50.8	31.7	5.7	141.4	\$580.4
FS Hisoy	HS 36A12	RR2Y	3.6	R	CM	49.6	30.2	11.0	131.4	\$568.2
Kruger	K2-3701	RR2Y	3.6	R	AC	46.0	34.4	6.3	99.6	\$523.1
Kruger	K2-3602	RR2Y	3.6	R	AC	45.5	45.1	25.0	157.3	\$507.7
Test Average =						62.5	16.3	4.0	158.0	\$732.7
LSD (0.10) =						6.1	2.6	4.6		
C.V. =						7.1	11.8			


 F.I.R.S.T. Manager

TEST COMMENTS: *Healthy plot with almost all leaves dropped off. Plants with medium height having many small pods containing small seeds. The plot did have a light frost before harvest. Weather was very hot and dry in the last part of growing season.*

Lat: N41.47917, Long: W-95.45944

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

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Report Date: 10/4/2011 Revised:



Footnotes, Abbreviations, and Trademarks

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^ 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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