

2011 BETTER VARIETIES Harvest Report for Iowa South [IASO]
 B.J. Boender, Mahaska County, IA 52577 [OSKALOOSA]

S1IASO39

PREV. CROP/HERB: Corn / Roundup

SOIL DESCRIPTION: Ladoga silt loam, well drained, non-irrigated

2.9 - 3.6 MAT. GROUP

SOIL CONDITIONS: mod. high P, mod. high K, 6.8 pH, 5% OM

15" ROW SPACING

TILLAGE/CULTIVATION: conventional w/ fall till

PEST MANAGEMENT: Prowl, Roundup

SEEDED - RATE: May 18 170,000 /A

TOP 30 for YIELD of 30 TESTED

HARVESTED - STAND: Oct 15 157,800 /A

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	K2-3602	RR2Y	3.6	R	AC	80.0	9.8	3.0	151.3	\$944.0
Kruger	K2-3103	RR2Y	3.1	R	AC	76.9	9.9	1.0	153.3	\$907.4
Titan Pro	34M21	RR2Y	3.4	R	AC	76.7	9.7	2.0	157.3	\$905.1
Pfister	34R20	RR2Y	3.4	R	CM	75.9	10.1	1.0	147.4	\$895.6
Dyna-Gro	31RY34	RR2Y	3.4	R	AC	75.7	10.2	1.0	177.2	\$893.3
Channel	3402R2	RR2Y	3.4	R	AC	75.3	10.1	1.0	183.2	\$888.5
FS Hisoy	HS 33A02	RR2Y	3.3	R	CM	74.8	9.9	3.0	177.2	\$882.6
Kruger	K2-2904	RR2Y	2.9	R	AC	74.2	10.0	1.0	133.4	\$875.6
Channel	3303R2	RR2Y	3.3	R	AC	73.9	9.3	2.0	175.2	\$872.0
Kruger	K2-2803	RR2Y	2.8	R	AC	73.9	9.9	2.0	181.2	\$872.0
Kruger	K2-3202	RR2Y	3.2	R	AC	72.6	9.9	1.0	163.3	\$856.7
Titan Pro	32M20	RR2Y	3.2	R	AC	71.9	9.7	1.0	181.2	\$848.4
FS Hisoy	HS 36A12	RR2Y	3.6	R	CM	71.6	9.8	1.0	133.4	\$844.9
Titan Pro	37M21	RR2Y	3.6	R	AC	71.5	9.8	1.0	143.3	\$843.7
Kruger	K2-3701	RR2Y	3.6	R	AC	71.1	10.0	1.0	133.4	\$839.0
Pfister	30R29	RR2Y	3.0	R	CM	70.3	9.7	2.0	131.4	\$829.5
Asgrow	AG2931 GC	RR2Y	2.9	R	AC	70.2	10.0	1.0	163.3	\$828.4
Kruger	K2-2703	RR2Y	2.7	R	AC	69.9	9.5	1.0	151.3	\$824.8
Dyna-Gro	37RY33	RR2Y	3.3	R	AC	69.5	9.7	1.0	129.4	\$820.1
Channel	3205R2	RR2Y	3.2	R	AC	69.4	9.6	2.0	147.4	\$818.9
Kruger	K2-3402	RR2Y	3.4	R	AC	67.5	10.0	1.0	161.3	\$796.5
Dyna-Gro	38RY32	RR2Y	3.2	R	AC	67.1	9.7	2.0	133.4	\$791.8
Pioneer	92Y91 GC	RR	2.9	S		66.8	9.4	1.0	163.3	\$788.2
FS Hisoy	HS 31A02	RR2Y	3.1	R	CM	66.3	9.9	1.0	197.2	\$782.3
FS Hisoy	HS 29A12	RR2Y	2.9	R	CM	66.2	10.2	1.0	147.4	\$781.2
SOI	3457RR2Y	RR2Y	3.4	R	CM,AP	65.3	9.7	2.0	175.2	\$770.5
Pioneer	93Y16 GC	RR	3.1	n/a		64.6	9.5	1.0	181.2	\$762.3
FS Hisoy	HS 34A12	RR2Y	3.4	R	CM	63.9	10.0	1.0	135.4	\$754.0
Asgrow	AG3402 GC	RR	3.4	R	AC	63.7	9.7	2.0	183.2	\$751.7
Asgrow	AG3030 GC	RR2Y	3.0	R	AC	60.5	9.9	1.0	143.4	\$713.9
Test Average =						70.6	9.8	1.4	157.8	\$832.8
LSD (0.10) =						6.0	0.2	1.3		
C.V. =						6.2	1.8			

TEST COMMENTS: This plot set on top of a hill side with great drainage from the early rains. The plants were medium to tall in height with plenty of pods. Seeds were small in size. No major pest or diseases were present. Stems were stong and standing upright very nicely. Soil was very loose under the plants, no compaction.

Lat: N41.25645, Long: W-92.65163

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: 10/16/2011 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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