

**2011 BETTER VARIETIES Harvest Report for Iowa South [ IASO ]**  
 Tom Vittetoe, Washington County, IA 52353 [ WASHINGTON ]

S1IASO40

PREV. CROP/HERB: Corn / Corvus, Atrazine, Headline, Force  
 SOIL DESCRIPTION: Mahaska silty clay loam, mod. well drained, non-irrigated 2.9 - 3.6 MAT. GROUP  
 SOIL CONDITIONS: high P, high K, 6.7 pH, 4.2% OM 15" ROW SPACING  
 TILLAGE/CULTIVATION: no-till  
 PEST MANAGEMENT: Roundup  
 SEEDED - RATE: May 17 170,000 /A TOP 30 for YIELD of 30 TESTED  
 HARVESTED - STAND: Oct 16 140,800 /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	K2-2803	RR2Y	2.8	R	AC	79.3	12.4	2.0	163.3	\$935.7
Titan Pro	32M20	RR2Y	3.2	R	AC	76.6	12.4	4.0	157.3	\$903.9
Asgrow	AG3030 GC	RR2Y	3.0	R	AC	75.5	12.2	3.0	143.4	\$890.9
Kruger	K2-3202	RR2Y	3.2	R	AC	74.3	12.3	3.0	141.4	\$876.7
FS Hisoy	HS 29A12	RR2Y	2.9	R	CM	73.8	12.4	1.0	121.5	\$870.8
Kruger	K2-3402	RR2Y	3.4	R	AC	72.9	12.7	4.0	133.4	\$860.2
Channel	3303R2	RR2Y	3.3	R	AC	72.5	12.0	4.0	191.1	\$855.5
FS Hisoy	HS 33A02	RR2Y	3.3	R	CM	72.2	12.5	1.0	151.3	\$852.0
Asgrow	AG2931 GC	RR2Y	2.9	R	AC	72.1	12.5	3.0	193.1	\$850.8
Dyna-Gro	37RY33	RR2Y	3.3	R	AC	72.1	12.6	4.0	117.5	\$850.8
Kruger	K2-2904	RR2Y	2.9	R	AC	71.9	12.3	2.0	153.3	\$848.4
Kruger	K2-3602	RR2Y	3.6	R	AC	71.7	12.5	9.7	133.4	\$846.1
Dyna-Gro	31RY34	RR2Y	3.4	R	AC	71.4	12.5	2.0	133.4	\$842.5
Kruger	K2-3701	RR2Y	3.6	R	AC	71.1	12.1	3.0	107.5	\$839.0
FS Hisoy	HS 34A12	RR2Y	3.4	R	CM	71.0	12.4	4.0	143.4	\$837.8
Asgrow	AG3402 GC	RR	3.4	R	AC	70.8	12.1	5.7	163.3	\$835.4
Channel	3205R2	RR2Y	3.2	R	AC	70.5	12.0	2.0	131.4	\$831.9
SOI	3457RR2Y	RR2Y	3.4	R	CM,AP	70.5	12.5	3.7	129.4	\$831.9
Titan Pro	37M21	RR2Y	3.6	R	AC	69.7	12.4	4.7	149.3	\$822.5
Pfister	34R20	RR2Y	3.4	R	CM	69.6	12.5	5.7	123.5	\$821.3
Kruger	K2-2703	RR2Y	2.7	R	AC	69.4	11.8	1.0	151.3	\$818.9
Channel	3402R2	RR2Y	3.4	R	AC	69.3	12.7	4.0	137.4	\$817.7
Titan Pro	34M21	RR2Y	3.4	R	AC	68.5	12.3	4.0	75.7	\$808.3
Pfister	30R29	RR2Y	3.0	R	CM	68.4	12.1	2.0	135.4	\$807.1
FS Hisoy	HS 31A02	RR2Y	3.1	R	CM	68.3	12.0	3.0	161.3	\$805.9
FS Hisoy	HS 36A12	RR2Y	3.6	R	CM	67.4	12.3	8.0	95.6	\$795.3
Kruger	K2-3103	RR2Y	3.1	R	AC	67.0	12.2	3.0	159.3	\$790.6
Pioneer	92Y91 GC	RR	2.9	S		64.6	11.9	1.0	155.3	\$762.3
Pioneer	93Y16 GC	RR	3.1	n/a		64.0	12.0	2.0	157.3	\$755.2
Dyna-Gro	38RY32	RR2Y	3.2	R	AC	62.9	12.3	8.0	115.5	\$742.2
Test Average =						<b>70.6</b>	<b>12.3</b>	<b>3.6</b>	<b>140.8</b>	<b>\$833.6</b>
LSD (0.10) =						5.1	0.6	3.1		
C.V. =						5.3	3.4			

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** This plot overcame all the bad weather and performed well. Plants had short strong stems with many pods and small seed size. No diseases observed unlike past years. The plot received a small amount of rain prior to harvesting which helped restore grain moisture compared to the low grain moistures experienced in the area due to hot dry weather. Lat: N41.30902, Long: W-91.64916

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](http://www.firstseedtests.com)

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Report Date: 10/17/2011 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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