

2011 BETTER VARIETIES Harvest Report for Iowa South Central [IASC]

S1IASC34

Jason Krause, Story County, IA 50244 [SLATER]

PREV. CROP/HERB: Corn / Glyphosate Xtra, Fusilade DX
 SOIL DESCRIPTION: Nicollet loam, moderately drained, non-irrigated
 SOIL CONDITIONS: mod. high P, mod. high K, 6.6 pH, 6% OM
 TILLAGE/CULTIVATION: minimum w/o fall till
 PEST MANAGEMENT: Durango DMA, Fusilade DX
 SEEDING - RATE: May 19 170,000 /A
 HARVESTED - STAND: Oct 15 149,700 /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
FS Hisoy	HS 25A12	RR2Y	2.5	R	CM	78.0	12.7	49.0	153.3	\$920.4
Prairie Brand	PB-2544R2	RR2Y	2.5	R	CM	76.1	12.9	54.7	145.3	\$898.0
FS Hisoy	HS 24A01	RR2Y	2.4	S	CM	75.7	11.9	17.0	129.4	\$893.3
Dyna-Gro	31RY25	RR2Y	2.5	MR	AC	75.1	12.6	51.0	177.2	\$886.2
Prairie Brand	PB-2412X	RR2Y	2.4	R	CM	73.8	11.8	2.0	139.4	\$870.8
Titan Pro	23M9	RR2Y	2.3	S	CM	73.3	11.6	16.3	125.4	\$864.9
SOI	2534RR	RR	2.5	S	CM,AP	72.9	11.7	3.0	183.2	\$860.2
Kruger	K2-2601	RR2Y	2.6	R	AC	71.6	12.2	36.7	151.3	\$844.9
Prairie Brand	PB-2419RR2	RR2Y	2.3	S	CM	71.4	12.0	25.3	133.4	\$842.5
Kruger	K2-2302	RR2Y	2.3	R	AC	70.9	12.0	1.0	171.2	\$836.6
G2 Genetics	7272 ^{^*}	RR	2.7	R	T6	70.0	12.2	2.0	167.3	\$826.0
SOI	2716NRR	RR	2.7	R	CM,AP	69.1	11.4	2.0	125.5	\$815.4
FS Hisoy	HS 25A11	RR2Y	2.5	S	CM	68.1	12.0	8.0	159.3	\$803.6
G2 Genetics	7310 ^{^*}	RR	3.1	R	T6	68.1	12.2	12.0	143.4	\$803.6
G2 Genetics	7262 ^{^*}	RR	2.6	R	T6	67.8	12.1	3.7	131.4	\$800.0
NK Brand	S25-T8 GC	RR	2.5	R	CM	67.2	11.8	2.0	157.3	\$793.0
NK Brand	S28-K1 GC	RR	2.8	S	CM	67.1	12.5	4.7	151.3	\$791.8
Kruger	K2-2803	RR2Y	2.8	R	AC	66.5	11.8	7.0	157.3	\$784.7
Dyna-Gro	36RY29	RR2Y	2.9	R	AC	66.4	11.9	33.7	145.4	\$783.5
G2 Genetics	7282 ^{^*}	RR	2.8	R	T6	66.3	12.7	2.0	153.4	\$782.3
Dyna-Gro	38RY28	RR2Y	2.8	R	AC	66.1	11.7	7.3	175.2	\$780.0
Kruger	K2-2602	RR2Y	2.6	R	AC	66.0	11.8	4.7	161.3	\$778.8
Channel	3000R2	RR2Y	3.0	R	AC	65.8	11.7	3.0	155.3	\$776.4
Kruger	K2-2904	RR2Y	2.9	R	AC	65.7	11.8	23.0	149.4	\$775.3
FS Hisoy	HS 28A02	RR2Y	2.8	R	CM	65.3	11.8	16.3	173.2	\$770.5
Prairie Brand	PB-2903R2	RR2Y	2.8	R	CM	65.0	11.7	22.7	115.5	\$767.0
Channel	2903R2	RR2Y	2.9	R	AC	64.6	12.2	12.7	185.2	\$762.3
FS Hisoy	HS 29A12	RR2Y	2.9	R	CM	64.6	11.9	25.3	133.4	\$762.3
FS Hisoy	HS 31A02	RR2Y	3.1	R	CM	64.5	11.8	29.3	195.2	\$761.1
Kruger	K2-2902	RR2Y	2.9	R	AC	64.5	11.8	36.3	159.3	\$761.1
Test Average =						67.0	12.0	16.8	149.7	\$790.2
LSD (0.10) =						4.1	0.6	16.0		
C.V. =						4.5	3.6			


 F.I.R.S.T. Manager

TEST COMMENTS: *This plot withstood the early season heavy rains and cool start followed by the hot and dry. However, it did catch a timely rain during pod fill. Plants were medium height with lots of pods but small seeds. No major pests or diseases were seen. The plot did not harvest. Lodging was mostly due to taller plants laying over and did not effect harvest.*

Lat: N41.86677, Long: W-93.65891

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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