

2010 BETTER VARIETIES Harvest Report for Iowa South Central [IASC]

S0IASC34

Jason Krause, Story County, IA 50244 [SLATER]

PREV. CROP/HERB: Corn / RoundUp
 SOIL DESCRIPTION: Nicollet loam, non-irrigated, mod. well drained
 SOIL CONDITIONS: mod. high P, mod. high K, 6.6 pH, 6% OM
 TILLAGE/CULTIVATION: conventional-till
 PEST MANAGEMENT: Roundup
 SEEDING - RATE: May 18 170,000 /A
 HARVESTED - STAND: Oct 8 144,900 /A

2.4 - 3.1 MAT. GROUP
 15" ROW SPACING

TOP 30 for YIELD of 36 TESTED
 AVERAGE of (3) REPLICATIONS

Company	Brand	Technol.†	Mat.	SCN Resist.	Seed‡ Trmt.	Yield (Bu/A)	Moisture (%)	Lodging (%)	Stand (x 1000)	Gross Income
FS Seeds	HS25A02	RR2Y	2.5	R	AC	53.5	11.6	4.7	127.8	\$570.5
SOI	2534RR	RR	2.5	S	None	48.5	12.0	32.0	154.9	\$516.3
FS Seeds	HS28A02	RR2Y	2.8	R	AC	46.9	11.6	18.0	135.5	\$500.1
Kruger	K2-2803	RR2Y	2.8	R	AC	44.1	12.1	12.0	152.9	\$469.2
Channel	2800R2	RR2Y	2.8	R	AC	43.4	11.6	12.0	135.5	\$462.8
Dyna-Gro	38RY28	RR2Y	2.8	R	AC	41.9	11.8	9.7	127.8	\$446.4
Prairie Brand	PB-2632R2	RR2Y	2.6	R	CM	41.3	12.7	36.7	131.7	\$438.3
Prairie Brand	PP-242	RR2Y	2.4	MR	CM	40.5	11.9	22.7	123.9	\$431.3
Prairie Brand	PB-2742R2*	RR2Y	2.8	R	CM	40.4	10.3	22.0	166.5	\$433.1
Prairie Brand	PB-2667NRR	RR	2.6	R	T6	39.6	12.4	9.7	147.1	\$420.8
FS Seeds	HS27A02	RR2Y	2.7	R	AC	38.1	11.4	20.3	162.6	\$406.6
Kruger	K2X24A1	RR2Y	2.3	R	AC	36.5	11.3	36.0	139.4	\$389.7
Kruger	K2-2703	RR2Y	2.7	R	AC	35.7	10.7	49.7	143.3	\$382.1
Titan Pro	30M30	RR2Y	3.0	R	CM	34.0	12.1	30.0	176.2	\$361.8
Kruger	K2-3002	RR2Y	3.0	R	AC	33.6	11.1	10.0	125.9	\$359.0
FS Seeds	HS24A01	RR2Y	2.4	S	AC	33.1	12.7	13.7	108.4	\$351.3
Channel	3002R2	RR2Y	3.0	R	AC	32.8	11.2	15.0	160.7	\$350.3
NuTech	G2 7260^	RR	2.6	R	CM	32.4	10.3	2.0	176.2	\$347.4
Dyna-Gro	39RY30	RR2Y	3.0	R	AC	32.4	10.3	16.0	112.3	\$347.4
Asgrow	AG2406 GC	RR	2.4	MR	CM	32.3	11.3	4.0	149.1	\$344.9
Kruger	K2-3103	RR2Y	3.1	R	AC	32.1	10.3	4.0	118.1	\$344.2
Titan Pro	28M40*	RR2Y	2.8	R	None	31.7	10.2	13.7	151.0	\$340.0
SOI	2716NRR	RR	2.7	MR	None	31.7	12.4	16.0	141.3	\$336.9
Kruger	K2-2701	RR2Y	2.7	R	AC	31.1	12.4	40.3	129.7	\$330.5
FS Seeds	HS29R80	RR	2.9	R	CM	29.8	11.9	9.7	152.9	\$317.4
Titan Pro	32M20	RR2Y	3.1	R	CM	29.4	11.4	11.3	127.8	\$313.8
Dyna-Gro	33RY30	RR2Y	3.0	R	AC	27.8	11.5	12.7	143.3	\$296.6
FS Seeds	HS29A02	RR2Y	2.9	R	AC	27.7	11.9	31.3	153.0	\$295.0
Prairie Brand	PB-2636NRR	RR	2.6	R	T6	26.1	11.5	29.7	147.1	\$278.4
Dyna-Gro	33D27	RR	2.7	R	CM	23.9	11.9	7.3	156.8	\$254.5
Test Average =						32.8	11.4	17.4	144.9	\$349.8
LSD (0.10) =						10.6	1.5	15.2		
C.V. =						23.7	9.6			


 F.I.R.S.T. Manager

TEST COMMENTS: This site received large amount of rain and was not well drained considering the weather. Sudden death syndrome was severe at this location. Several products produced no soybeans at all. SDS caused variable yields and a wide gap between the high and low yielding products. Plants were tall, vulnerable to lodging, and produced small seed.

Lat: N41.86336, Long: W93.6332

Yield & Income Factors: Base Moisture = 13% Shrink = 1.3 Drying = \$0.045 Price = \$10.60

† Technology: LL - LibertyLink, RR - Roundup Ready, RR2Y - Roundup Ready 2 Yield, STS - Sulfonyleurea Tol

‡ Seed Treatment: AC - Accelaron, AM - ApronMaxx, AP - ApronXL, CM - CruiserMaxx, E - Excalibre, ES - Escalate, I - Inovate, O - Optimize, T - Trilex, T6 - Trilex 6000

Results in bold are significantly above the test average. GC = grower chosen 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: 10/9/2010 Revised:



Footnotes, Abbreviations, and Trademarks

Brand Footnotes

^G2[®] brand seed is distributed by NuTech Seed, LLC. HPT[®] brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM[®] brand seed is distributed by Doebler's PA Seed. XL[™] brand seed is distributed by Beck's Superior Hybrids. G2[®], HPT[®], RPM[®], and XL[™] are trademarks of Pioneer Hi-Bred.

Technologies

3110	Agrisure [®] Viptera [™] 3110
3111	Agrisure [®] Viptera [™] 3111
3000GT	Agrisure [®] 3000GT
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 [®]
RR	Roundup Ready [®] Soybeans
RR2	Roundup Ready [®] Corn 2
RR2Y	Genuity [™] Roundup Ready 2 Yield [®]
SS	Genuity [™] SmartStax [™]
STS	STS [®]
VT2	YieldGard VT Rootworm/RR2 [™]
VT2P	Genuity [™] VT Double PRO [™]
VT3	YieldGard VT Triple [®]
VT3P	Genuity [™] VT Triple PRO [™]
YGCB	YieldGard [®] Corn Borer
YGCB,RR2	YieldGard [®] Corn Borer/Roundup Ready [®] Corn 2
YGPL,RR2	YieldGard [®] Plus/Roundup Ready [®] Corn 2
YGRW,RR2	YieldGard [®] Rootworm/Roundup Ready [®] Corn 2

Seed Treatments

AC	Acceleron [®]
AM	ApronMaxx [®]
AP	Apron XL [®]
AVC	Avicta [®] Complete Corn
C	Cruiser [®]
CM	CruiserMaxx [®]
E	Excalibre [™]
ES	Escalate [™]
I	Inovate [™] System
O	Optimize [®]
P	Poncho [®]
T	Trilex [®]
T6	Trilex [®] 6000
V	Votivo [™]

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