

2010 BETTER VARIETIES Harvest Report for Iowa South [IASO]
 B.J. Boender, Mahaska County, IA 52577 [OSKALOOSA]

SOIASO39

 PREV. CROP/HERB: Corn / RoundUp
 SOIL DESCRIPTION: Ladoga silt loam, non-irrigated, well drained
 SOIL CONDITIONS: mod. high P, mod. high K, 6.8 pH, 5% OM
 TILLAGE/CULTIVATION: no-till
 PEST MANAGEMENT: Roundup
 SEEDED - RATE: May 19 170,000 /A
 HARVESTED - STAND: Oct 7 140,166 /A

 2.9 - 3.6 MAT. GROUP
 15" ROW SPACING

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

Company	Brand	Technol.†	Mat.	SCN Resist.	Seed‡ Trmt.	Yield (Bu/A)	Moisture (%)	Lodging (%)	Stand (x 1000)	Gross Income
Titan Pro	28M40 GC	RR2Y	2.8	R	None	78.6	10.1	38.7	160.7	\$843.2
FS Seeds	HS33A02	RR2Y	3.3	R	AC	75.8	10.4	36.3	133.6	\$812.0
Kruger	K2-3302	RR2Y	3.3	R	AC	74.9	9.8	29.3	127.8	\$805.0
FS Seeds	HS29A02	RR2Y	2.9	R	AC	74.3	9.6	32.7	135.5	\$798.5
Dyna-Gro	33RY30	RR2Y	3.0	R	AC	74.1	9.6	23.3	141.3	\$796.4
Kruger	K2-3103	RR2Y	3.1	R	AC	73.1	9.4	22.3	125.8	\$786.6
Kruger	K2-3602	RR2Y	3.6	R	AC	72.4	9.5	26.0	133.6	\$778.5
Kruger	K2-3002	RR2Y	3.0	R	AC	71.3	9.9	20.3	164.6	\$765.8
Dyna-Gro	37T33	RR,STS	3.3	MR	CM	71.2	9.4	28.0	156.8	\$766.0
Kruger	K2-3402	RR2Y	3.4	R	AC	71.0	9.5	20.7	120.0	\$763.9
Prairie Brand	PB-3239NRR2	RR2Y	3.2	R	CM	70.3	9.5	32.0	133.6	\$756.6
Channel	3502R2	RR2Y	3.5	R	AC	69.9	9.9	40.7	158.8	\$750.7
Channel	3002R2	RR2Y	3.0	R	AC	69.8	9.7	45.7	127.8	\$750.7
Dyna-Gro	37RY33	RR2Y	3.3	R	AC	69.8	9.7	27.7	125.8	\$750.6
Prairie Brand	PB-3442R2	RR2Y	3.4	R	CM	68.3	9.9	32.0	158.8	\$733.0
SOI	3422NRR	RR	3.4	R	None	66.7	9.6	9.7	141.3	\$716.8
Channel	3402R2	RR2Y	3.4	R	AC	66.5	9.6	38.7	135.5	\$715.5
Kruger	K2-2902	RR2Y	2.9	R	AC	65.7	10.6	48.0	137.5	\$703.5
FS Seeds	HS32A02	RR2Y	3.2	R	AC	65.5	9.8	32.7	129.7	\$703.9
Prairie Brand	PB-3532R2	RR2Y	3.5	R	CM	65.4	9.5	51.0	180.0	\$703.7
Prairie Brand	PB-3152R2	RR2Y	3.1	R	AC	64.9	9.7	41.7	123.9	\$698.0
Kruger	K2-2803	RR2Y	2.8	R	AC	64.3	9.7	19.7	123.9	\$690.7
Dyna-Gro	38RY35	RR2Y	3.5	R	AC	64.0	9.4	38.0	151.0	\$688.6
Asgrow	AG2830 GC	RR2Y	2.8	R	AC	63.9	9.4	33.0	152.9	\$687.5
Kruger	K2-3601	RR2Y	3.6	R	AC	63.9	10.2	36.3	147.1	\$685.0
SOI	STAR 3325NRR2Y	RR2Y	3.3	R	CM	63.4	9.9	55.3	123.9	\$681.0
FS Seeds	HS31A02	RR2Y	3.1	R	AC	62.9	9.5	16.7	127.8	\$677.2
FS Seeds	HS35A02	RR2Y	3.5	R	AC	60.5	9.6	27.7	151.0	\$651.1
Prairie Brand	PB-3892R2	RR2Y	3.8	R	CM	59.2	9.8	13.7	133.6	\$636.1
Prairie Brand	PB-2959NRR2	RR2Y	2.9	R	AC	59.0	9.3	18.7	141.3	\$634.9
Test Average =						68.0	9.7	31.2	140.2	\$731.0
LSD (0.10) =						6.9	0.8	30.8		
C.V. =						7.4	6.2			


 F.I.R.S.T. Manager

TEST COMMENTS: *This test site, like so many others, had excessive amounts of rainfall this season. Fortunately, the plot was located on top of a hill and had very good drainage. Plants were very tall and healthy with excellent pod set. Lodging scores reflect tall plants that were falling over from the many pods.*

Lat: N41.2558, Long: W92.64862

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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