

2010 BETTER VARIETIES Harvest Report for Iowa South [IASO]

SOIASO37

Mark Bentley, Pottawattamie County, IA 51560 [OAKLAND]

PREV. CROP/HERB: Corn
 SOIL DESCRIPTION: Marshall silty clay loam, non-irrigated, mod. well drained 2.9 - 3.6 MAT. GROUP
 SOIL CONDITIONS: high P, high K, 6.3 pH, 4.1% OM 15" ROW SPACING
 TILLAGE/CULTIVATION: no-till
 PEST MANAGEMENT: Roundup, Select, Synchrony
 SEEDED - RATE: May 19 170,000 /A TOP 30 for YIELD of 30 TESTED
 HARVESTED - STAND: Oct 11 142,900 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technol.†	Mat.	SCN Resist.	Seed‡ Trmt.	Yield (Bu/A)	Moisture (%)	Lodging (%)	Stand (x 1000)	Gross Income
Dyna-Gro	33RY30	RR2Y	3.0	R	AC	77.3	9.5	36.3	160.7	\$831.6
Kruger	K2-3402	RR2Y	3.4	R	AC	76.2	9.6	11.3	133.6	\$819.4
Kruger	K2-3002	RR2Y	3.0	R	AC	75.8	9.8	51.0	160.7	\$814.4
Channel	3402R2	RR2Y	3.4	R	AC	75.7	9.3	27.0	131.7	\$815.0
Prairie Brand	PB-3442R2	RR2Y	3.4	R	CM	75.1	9.7	48.0	125.9	\$807.2
Dyna-Gro	38RY35	RR2Y	3.5	R	AC	74.7	9.7	59.0	127.8	\$802.9
FS Seeds	HS33A02	RR2Y	3.3	R	AC	74.1	9.2	19.0	166.5	\$798.1
Channel	3502R2	RR2Y	3.5	R	AC	73.6	9.6	38.7	135.5	\$791.4
Kruger	K2-2803	RR2Y	2.8	R	AC	72.6	9.5	9.7	139.4	\$781.0
Dyna-Gro	37RY33	RR2Y	3.3	R	AC	71.6	9.6	45.3	141.3	\$769.9
FS Seeds	HS35A02	RR2Y	3.5	R	AC	70.9	9.6	54.0	137.5	\$762.4
Prairie Brand	PB-2959NRR2	RR2Y	2.9	R	AC	70.4	9.4	35.0	135.5	\$757.6
SOI	3422NRR	RR	3.4	R	None	69.9	9.5	9.0	141.3	\$751.9
Titan Pro	28M40 GC	RR2Y	2.8	R	None	69.0	9.3	36.3	162.6	\$742.9
Kruger	K2-3103	RR2Y	3.1	R	AC	69.0	9.5	33.7	135.5	\$742.3
Channel	3002R2	RR2Y	3.0	R	AC	68.5	9.6	38.7	145.2	\$736.6
Dyna-Gro	37T33	RR,STS	3.3	MR	CM	67.3	9.4	9.7	135.5	\$724.3
Prairie Brand	PB-3239NRR2	RR2Y	3.2	R	CM	67.2	9.5	43.0	162.6	\$722.9
Kruger	K2-3302	RR2Y	3.3	R	AC	67.1	9.8	54.0	123.9	\$720.9
FS Seeds	HS29A02	RR2Y	2.9	R	AC	65.4	9.5	22.3	147.1	\$703.5
SOI	STAR 3325NRR2Y	RR2Y	3.3	R	CM	65.0	9.5	32.0	151.0	\$699.2
Asgrow	AG2830 GC	RR2Y	2.8	R	AC	64.8	10.1	22.7	135.5	\$695.3
Kruger	K2-2902	RR2Y	2.9	R	AC	64.5	9.7	51.0	139.4	\$693.3
Kruger	K2-3601	RR2Y	3.6	R	AC	64.2	9.8	36.3	162.6	\$689.8
Prairie Brand	PB-3892R2	RR2Y	3.8	R	CM	63.0	10.1	49.0	151.0	\$676.0
FS Seeds	HS31A02	RR2Y	3.1	R	AC	61.5	9.3	19.0	125.9	\$662.1
FS Seeds	HS32A02	RR2Y	3.2	R	AC	60.9	9.7	14.3	149.1	\$654.6
Kruger	K2-3602	RR2Y	3.6	R	AC	60.8	10.4	64.0	139.4	\$651.6
Prairie Brand	PB-3152R2	RR2Y	3.1	R	AC	60.3	9.7	20.7	137.5	\$648.1
Prairie Brand	PB-3532R2	RR2Y	3.5	R	CM	56.5	9.8	69.7	145.2	\$607.0
Test Average =						68.4	9.6	35.3	142.9	\$735.8
LSD (0.10) =						5.7	0.2	24.1		
C.V. =						6.1	1.8			


 F.I.R.S.T. Manager

TEST COMMENTS: *A well drained field really paid off this year. Heavy rains all season and some early season hail occurred here.*
Despite these conditions, a uniform stand of very healthy plants was obtained here. Tremendous growing conditions generated extra tall plants that ultimately led to above normal lodging scores.

Lat: N41.2833, Long: W95.55592

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: 10/14/2010 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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