

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

SOIASC33

Dennis Mleynek, Guthrie County, IA 50216 [YALE]

PREV. CROP/HERB: Corn / Guardsman
 SOIL DESCRIPTION: Nicollet loam, non-irrigated, mod. well drained
 SOIL CONDITIONS: high P, high K, 6 pH, 4.4% OM
 TILLAGE/CULTIVATION: conventional-till
 PEST MANAGEMENT: Roundup
 SEEDED - RATE: May 18 170,000 /A
 HARVESTED - STAND: Oct 8 141,900 /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
SOI	2716NRR	RR	2.7	MR	None	68.0	8.2	7.3	160.7	\$735.5
FS Seeds	HS29R80	RR	2.9	R	CM	67.9	8.5	32.7	147.1	\$733.5
SOI	2534RR	RR	2.5	S	None	67.4	8.4	20.7	156.8	\$728.4
Kruger	K2-2703	RR2Y	2.7	R	AC	66.6	8.3	30.0	158.8	\$720.0
Channel	2800R2	RR2Y	2.8	R	AC	65.0	8.5	12.0	141.3	\$702.2
FS Seeds	HS28A02	RR2Y	2.8	R	AC	64.1	8.5	15.3	149.1	\$692.4
Kruger	K2-2803	RR2Y	2.8	R	AC	63.6	8.6	5.7	133.6	\$686.8
Channel	3002R2	RR2Y	3.0	R	AC	63.5	8.9	31.0	149.1	\$684.8
Kruger	K2-2802	RR2Y	2.8	R	AC	63.1	8.3	13.7	154.9	\$682.2
FS Seeds	HS29A02	RR2Y	2.9	R	AC	63.1	8.5	16.3	152.9	\$681.6
Dyna-Gro	38RY28	RR2Y	2.8	R	AC	63.0	8.6	12.7	154.9	\$680.3
FS Seeds	HS25A02	RR2Y	2.5	R	AC	63.0	8.7	5.7	137.5	\$680.0
Titan Pro	32M20	RR2Y	3.1	R	CM	62.6	8.5	31.3	116.2	\$676.2
FS Seeds	HS27A02	RR2Y	2.7	R	AC	61.2	8.4	19.0	139.4	\$661.4
Prairie Brand	PB-2742R2*	RR2Y	2.8	R	CM	60.5	8.2	5.7	182.0	\$654.4
Kruger	K2-2701	RR2Y	2.7	R	AC	60.5	8.6	38.0	118.1	\$653.3
Titan Pro	30M30	RR2Y	3.0	R	CM	60.1	8.9	33.7	139.4	\$648.1
Dyna-Gro	39RY30	RR2Y	3.0	R	AC	59.5	8.3	27.0	122.0	\$643.3
Titan Pro	28M40*	RR2Y	2.8	R	None	59.4	8.4	24.3	164.5	\$641.9
Kruger	K2X24A1	RR2Y	2.3	R	AC	59.0	8.3	19.0	152.9	\$637.9
NuTech	G2 7260^	RR	2.6	R	CM	58.7	8.4	10.0	116.2	\$634.4
Prairie Brand	PP-242	RR2Y	2.4	MR	CM	58.1	8.6	8.7	122.0	\$627.4
Kruger	K2-3103	RR2Y	3.1	R	AC	58.0	8.3	33.7	114.2	\$627.1
Kruger	K2-3002	RR2Y	3.0	R	AC	57.9	8.3	33.7	137.5	\$626.0
Dyna-Gro	33RY30	RR2Y	3.0	R	AC	57.6	8.7	49.7	158.7	\$621.7
Prairie Brand	PB-2632R2	RR2Y	2.6	R	CM	57.2	9.0	30.0	149.1	\$616.6
Channel	2902R2	RR2Y	2.9	R	AC	57.1	8.3	3.7	114.3	\$617.3
Prairie Brand	PB-2959NRR2	RR2Y	2.9	R	AC	55.3	8.6	40.7	151.0	\$597.1
Kruger	K2-2902	RR2Y	2.9	R	AC	54.9	8.8	48.0	129.7	\$592.3
FS Seeds	HS24A01	RR2Y	2.4	S	AC	54.7	8.6	25.7	152.9	\$590.7
Test Average =						59.5	8.5	20.8	141.9	\$643.0
LSD (0.10) =						7.5	0.3	24.4		
C.V. =						9.3	2.4			


 F.I.R.S.T. Manager

TEST COMMENTS: Above normal rainfall and temperatures throughout the growing season. The test location was well drained so plots withstood the wet conditions. Plants were moderately tall and susceptible to lodging. Sudden death syndrome was present impacting several products that had no pods in the plant tops.

Lat: N41.77186, Long: W94.2904

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



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 [™]

Trademarks

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