

2010 BETTER VARIETIES Harvest Report for Iowa South [IASO]
 Tom Vittetoe, Washington County, IA 52353 [WASHINGTON]

S0IASO40

PREV. CROP/HERB: Corn / Balance Pro, Callisto, Atrazine
 SOIL DESCRIPTION: Kalona silty clay loam, non-irrigated, mod. well drained
 SOIL CONDITIONS: high P, high K, 6.6 pH, 5.9% OM
 TILLAGE/CULTIVATION: no-till
 PEST MANAGEMENT: Authority First, Roundup, Headline, Tebucon
 SEEDING - RATE: May 19 170,000 /A
 HARVESTED - STAND: Oct 7 136,100 /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
FS Seeds	HS31A02	RR2Y	3.1	R	AC	66.3	10.7	3.0	106.5	\$709.6
FS Seeds	HS32A02	RR2Y	3.2	R	AC	64.0	11.9	4.7	120.0	\$681.6
Prairie Brand	PB-3442R2	RR2Y	3.4	R	CM	63.7	13.7	3.0	154.9	\$673.2
Prairie Brand	PB-2959NRR2	RR2Y	2.9	R	AC	61.9	10.3	6.0	133.6	\$663.7
Kruger	K2-3402	RR2Y	3.4	R	AC	61.8	12.3	6.0	120.1	\$657.0
Kruger	K2-2803	RR2Y	2.8	R	AC	60.9	11.3	1.0	123.9	\$650.2
Kruger	K2-2902	RR2Y	2.9	R	AC	60.8	11.6	4.0	137.5	\$648.3
Prairie Brand	PB-3152R2	RR2Y	3.1	R	AC	58.9	11.9	11.3	129.7	\$627.3
Prairie Brand	PB-3239NRR2	RR2Y	3.2	R	CM	58.6	11.7	3.7	118.1	\$624.6
Dyna-Gro	37RY33	RR2Y	3.3	R	AC	58.5	11.6	4.0	125.9	\$623.8
Dyna-Gro	38RY35	RR2Y	3.5	R	AC	58.0	12.3	6.3	139.4	\$616.6
Kruger	K2-3002	RR2Y	3.0	R	AC	57.2	11.1	7.0	174.2	\$611.2
Dyna-Gro	33RY30	RR2Y	3.0	R	AC	57.1	10.8	4.7	141.3	\$610.9
FS Seeds	HS33A02	RR2Y	3.3	R	AC	55.5	11.3	2.0	133.6	\$592.5
Asgrow	AG2830 GC	RR2Y	2.8	R	AC	55.4	10.9	1.0	135.5	\$592.5
Kruger	K2-3103	RR2Y	3.1	R	AC	54.4	11.0	3.0	120.0	\$581.5
Channel	3002R2	RR2Y	3.0	R	AC	54.0	11.1	19.0	145.2	\$577.0
SOI	STAR 3325NRR2Y	RR2Y	3.3	R	CM	53.5	11.4	11.7	131.6	\$571.0
FS Seeds	HS35A02	RR2Y	3.5	R	AC	53.0	11.1	3.0	151.0	\$566.3
Prairie Brand	PB-3532R2	RR2Y	3.5	R	CM	52.0	12.2	11.0	168.4	\$553.1
Prairie Brand	PB-3892R2	RR2Y	3.8	R	CM	48.1	14.8	11.7	122.0	\$506.0
Dyna-Gro	37T33	RR, STS	3.3	MR	CM	47.9	11.4	3.0	139.4	\$511.2
Kruger	K2-3602	RR2Y	3.6	R	AC	47.8	18.9	26.0	133.6	\$494.0
FS Seeds	HS29A02	RR2Y	2.9	R	AC	45.3	11.3	3.7	131.7	\$483.6
Channel	3502R2	RR2Y	3.5	R	AC	45.1	11.4	3.7	158.7	\$481.3
Kruger	K2-3302	RR2Y	3.3	R	AC	45.1	11.8	3.7	127.8	\$480.5
Channel	3402R2	RR2Y	3.4	R	AC	44.8	11.9	3.7	106.5	\$477.1
Titan Pro	28M40 GC	RR2Y	2.8	R	None	44.6	10.1	1.0	164.5	\$478.6
SOI	3422NRR	RR	3.4	R	None	41.8	11.4	1.0	141.3	\$446.1
Kruger	K2-3601	RR2Y	3.6	R	AC	38.5	11.7	2.0	147.1	\$410.4
Test Average =						53.8	11.8	7.1	136.1	\$573.4
LSD (0.10) =						20.9	2.0	9.1		
C.V. =						28.4	12.7			


 F.I.R.S.T. Manager

TEST COMMENTS: *Sudden death syndrome was severe in select areas of this test. Yield variability is primarily due to SDS impacting some reps but not others. Despite having excessive rainfall, there was little yield impact as soybeans were tall and uniform in height, atypical for flood damage. Statistically, this test is invalid but useful for SDS tolerance assessment.*

Lat: N41.27045, Long: W91.66904

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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