

2010 BETTER VARIETIES Harvest Report for Illinois South [ILSO]
 Don Polczynski, Perry County, IL 62832 [DU QUOIN]

SOILSO10

PREV. CROP/HERB: Corn / Gramoxone Inteon, Keystone, Hornet, Callisto
 SOIL DESCRIPTION: Cisne clay loam, non-irrigated, mod. poor drained
 SOIL CONDITIONS: High SCN, mod. high P, mod. high K, 7.3 pH, 1.7% OM
 TILLAGE/CULTIVATION: minimum w/o fall till
 PEST MANAGEMENT: Select, Flexstar
 SEEDING - RATE: May 24 140,000 /A
 HARVESTED - STAND: Oct 14 122,000 /A

 4.0 - 4.7 MAT. GROUP
 30" 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
Beck	XL 432NR^*	RR	4.3	R	ES	61.4	10.0	0.0	122.0	\$679.1
FS Seeds	HS45T70	RR,STS	4.5	R	CM	60.0	9.9	0.0	122.0	\$663.7
Kruger	K2-4302	RR2Y	4.3	R	AC	59.4	9.3	0.3	122.0	\$657.8
FS Seeds	HS45A02	RR2Y	4.5	R	AC	59.3	9.9	0.0	122.0	\$656.0
Diener	4001CR2	RR2Y	4.0	R	AC	58.4	9.1	0.0	122.0	\$647.0
Kruger	K2-4101	RR2Y	4.1	R	AC	58.0	9.1	0.0	122.0	\$642.5
Kruger	K2-4601	RR2Y	4.6	R	AC	57.8	10.1	0.0	122.0	\$639.2
Stone	2R3900	RR2Y	3.9	R	AC	57.7	9.4	0.0	122.0	\$638.9
Beck	445NR*	RR,STS	4.4	R	ES	57.2	10.1	0.0	122.0	\$632.5
Dyna-Gro	35X43	RR	4.3	MR	AC	56.7	9.6	0.3	122.0	\$627.6
Kruger	K2-4201	RR2Y	4.2	R	AC	55.8	9.5	0.3	122.0	\$617.7
Dyna-Gro	37RY47	RR2Y	4.7	R	AC	55.3	9.1	0.0	122.0	\$612.6
FS Seeds	HS47A02	RR2Y	4.7	R	AC	55.3	9.5	0.0	122.0	\$612.2
Kruger	K2-4202	RR2Y	4.2	R	AC	55.3	10.3	0.0	122.0	\$611.3
Dyna-Gro	39RY41	RR2Y	4.1	R	AC	55.2	10.2	0.0	122.0	\$610.3
Diener	4415CR	RR	4.4	R	AC	55.2	10.3	0.0	122.0	\$610.2
eMerge	e4510S*	STS	4.5	R	CM	55.1	9.5	0.3	122.0	\$610.0
Beck	XL 466NR^*	RR	4.6	R	ES	55.0	10.0	0.0	122.0	\$608.3
Stone	2R4201	RR2Y	4.2	R	AC	55.0	10.5	0.0	122.0	\$607.8
FS Seeds	HS44A02	RR2Y	4.4	MR	AC	54.9	6.5	0.0	122.0	\$611.0
FS Seeds	HS47A91	RR2Y	4.7	S	AC	54.9	9.0	0.0	122.0	\$608.3
Kruger	K2-4501	RR2Y	4.5	S	AC	54.8	9.2	0.0	122.0	\$607.0
Stone	2R4500STS	RR2Y,STS	4.5	S	AC	54.8	9.2	0.0	122.0	\$607.0
Kruger	K2-4701	RR2Y	4.7	R	AC	54.1	9.3	0.3	122.0	\$599.1
Channel	4700R2	RR2Y	4.7	R	AC	54.0	9.1	0.0	122.0	\$598.2
Kruger	K2-3902	RR2Y	3.9	R	AC	54.0	10.6	0.0	122.0	\$596.6
Channel	4500R2	RR2Y	4.5	S	AC	52.8	9.1	0.0	122.0	\$584.9
FS Seeds	HS42A02	RR2Y	4.2	R	AC	51.3	9.6	0.0	122.0	\$567.8
Hoffman	HL41L10*	LL	4.1	R	AM	51.2	10.3	1.7	122.0	\$566.0
Beck	XL 400NR^	RR	4.0	R	ES	50.5	9.9	0.3	122.0	\$558.6
Test Average =						54.6	9.6	0.4	122.0	\$604.3
LSD (0.10) =						3.9	1.3	1.5		
C.V. =						5.3	10.2			


 F.I.R.S.T. Manager

TEST COMMENTS: Harvested soybean seed had great coat quality & bigger sizing of 2400 - 3200 seeds/lb. Plant heights ranged from 36 to 46 inches tall. Excellent yields for single 30" row planting. Plant internode lengths were within 2" long. SCN soil tests (15,000+ eggs/ 100ml) in previous years reflected high pressure at this site.

Lat: N38.06866, Long: W89.18631

Yield & Income Factors: Base Moisture = 13% Shrink = 1.3 Drying = \$0.020 Price = \$11.00

† Technology: LL - LibertyLink, RR - Roundup Ready, RR2Y - Roundup Ready 2 Yield, STS - Sulfonylurea 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: 10/17/2010 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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