

2010 BETTER VARIETIES Harvest Report for Illinois South [ILSO]

SOILSO12

Ronnie Sloan, Fayette County, IL 62557 [VANDALIA]

PREV. CROP/HERB: Soybean / Roundup, Intensity One
 SOIL DESCRIPTION: Cowden silty clay loam, non-irrigated, moderately drained 4.0 - 4.7 MAT. GROUP
 SOIL CONDITIONS: Low SCN, mod. high P, mod. high K, 6.2 pH, 3.1% OM TR8" ROW SPACING
 TILLAGE/CULTIVATION: minimum w/ fall till
 PEST MANAGEMENT: Buccaneer Plus, Authority Assist, Prowl
 SEEDING - RATE: May 30 140,000 /A TOP 30 for YIELD of 36 TESTED
 HARVESTED - STAND: Oct 12 84,900 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technol. [†]	Mat.	SCN Resist.	Seed ^{††} Trmt.	Yield (Bu/A)	Moisture (%)	Lodging (%)	Stand (x 1000)	Gross Income
FS Seeds	HS42A02	RR2Y	4.2	R	AC	60.4	8.7	0.0	104.5	\$669.6
Diener	4415CR	RR	4.4	R	AC	58.8	9.5	0.0	104.5	\$650.9
Dyna-Gro	37RY47	RR2Y	4.7	R	AC	56.5	8.7	0.0	92.9	\$626.4
Beck	XL 400NR [^]	RR	4.0	R	ES	56.4	7.6	3.0	104.5	\$626.5
Stone	2R4500STS	RR2Y,STS	4.5	S	AC	56.4	9.2	0.0	104.5	\$624.7
FS Seeds	HS47A02	RR2Y	4.7	R	AC	53.7	9.3	1.3	75.5	\$594.7
Kruger	K2-4601	RR2Y	4.6	R	AC	53.5	8.8	0.0	79.0	\$593.0
FS Seeds	HS44A02	RR2Y	4.4	MR	AC	52.8	9.6	3.3	102.2	\$584.4
Kruger	K2-4501	RR2Y	4.5	S	AC	52.5	8.9	0.0	98.7	\$581.8
Kruger	K2-4302	RR2Y	4.3	R	AC	52.4	8.3	0.0	61.6	\$581.3
Channel	4500R2	RR2Y	4.5	S	AC	52.4	9.4	0.0	98.7	\$580.2
Beck	XL 466NR [^] *	RR	4.6	R	ES	52.3	8.7	1.3	98.7	\$579.8
Kruger	K2-4201	RR2Y	4.2	R	AC	52.1	8.7	0.0	87.1	\$577.6
Hoffman	HL41L10*	LL	4.1	R	AM	51.7	9.4	0.0	87.1	\$572.4
Kruger	K2-4202	RR2Y	4.2	R	AC	51.7	9.7	0.0	81.3	\$572.1
Channel	4700R2	RR2Y	4.7	R	AC	51.6	9.8	1.7	104.5	\$570.9
FS Seeds	HS47A91	RR2Y	4.7	S	AC	51.6	10.5	0.0	104.5	\$570.2
Hoffman	HL42L11*	LL	4.2	R	None	51.5	9.3	0.0	75.5	\$570.3
Kruger	K2-3902	RR2Y	3.9	R	AC	51.3	9.3	0.0	92.9	\$568.1
Kruger	K2-4701	RR2Y	4.7	R	AC	50.8	9.6	1.7	102.2	\$562.3
FS Seeds	HS45T70	RR,STS	4.5	R	CM	50.7	8.6	0.0	75.5	\$562.2
Dyna-Gro	35X43	RR	4.3	MR	AC	50.5	9.6	6.0	98.7	\$558.9
FS Seeds	HS45A02	RR2Y	4.5	R	AC	50.4	8.7	0.0	92.9	\$558.7
eMerge	e4310S*	STS	4.3	R	CM	49.0	9.1	0.0	81.3	\$542.8
Diener	4001CR2	RR2Y	4.0	R	AC	48.3	8.1	0.3	75.5	\$536.0
Stone	2R4201	RR2Y	4.2	R	AC	45.6	10.3	0.0	69.7	\$504.1
eMerge	e4510S*	STS	4.5	R	CM	44.9	9.1	0.0	66.2	\$497.4
Beck	XL 432NR [^] *	RR	4.3	R	ES	44.3	8.7	0.0	55.8	\$491.1
Stone	2R3900	RR2Y	3.9	R	AC	44.2	8.7	0.3	61.6	\$490.0
Dyna-Gro	39RY41	RR2Y	4.1	R	AC	43.8	10.1	0.0	75.5	\$484.3
Test Average =						49.9	9.1	1.1	84.9	\$552.4
LSD (0.10) =						5.3	1.1	8.9		
C.V. =						7.8	8.9			


 F.I.R.S.T. Manager

TEST COMMENTS: Numerous heavy (3"-5") rains immediately after planting, reduced stands. Rains continued through early July making replant impossible. Yields are surprisingly good despite lower populations. Harvested seed size ranged from 2500-3000 seeds/lb.

SCN tests (6000 eggs per 100ml) reflect moderately high pressure at this site. Lat: N38.96357, Long: W89.14422

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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