

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

<sup>†</sup> Technology: LL - LibertyLink, RR - Roundup Ready, RR2Y - Roundup Ready 2 Yield, STS - Sulfonylurea Tol

<sup>††</sup> 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](http://www.firstseedtests.com)

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Report Date: 10/17/2010 Revised:



## Footnotes, Abbreviations, and Trademarks

### Brand Footnotes

^G2<sup>®</sup> brand seed is distributed by NuTech Seed, LLC. HPT<sup>®</sup> brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM<sup>®</sup> brand seed is distributed by Doebler's PA Seed. XL<sup>™</sup> brand seed is distributed by Beck's Superior Hybrids. G2<sup>®</sup>, HPT<sup>®</sup>, RPM<sup>®</sup>, and XL<sup>™</sup> are trademarks of Pioneer Hi-Bred.

### Technologies

3110	Agrisure <sup>®</sup> Viptera <sup>™</sup> 3110
3111	Agrisure <sup>®</sup> Viptera <sup>™</sup> 3111
3000GT	Agrisure <sup>®</sup> 3000GT
CB/LL	Agrisure <sup>®</sup> CB/LL
CB/LL/RW	Agrisure <sup>®</sup> CB/LL/RW
GT	Agrisure <sup>®</sup> GT
GT/CB/LL	Agrisure <sup>®</sup> GT/CB/LL
HX	HERCULEX <sup>®</sup> I Insect Protection
HXT	HERCULEX <sup>®</sup> XTRA Insect Protection
LL	LibertyLink <sup>®</sup>
RR	Roundup Ready <sup>®</sup> Soybeans
RR2	Roundup Ready <sup>®</sup> Corn 2
RR2Y	Genuity <sup>™</sup> Roundup Ready 2 Yield <sup>®</sup>
SS	Genuity <sup>™</sup> SmartStax <sup>™</sup>
STS	STS <sup>®</sup>
VT2	YieldGard VT Rootworm/RR2 <sup>™</sup>
VT2P	Genuity <sup>™</sup> VT Double PRO <sup>™</sup>
VT3	YieldGard VT Triple <sup>®</sup>
VT3P	Genuity <sup>™</sup> VT Triple PRO <sup>™</sup>
YGCB	YieldGard <sup>®</sup> Corn Borer
YGCB,RR2	YieldGard <sup>®</sup> Corn Borer/Roundup Ready <sup>®</sup> Corn 2
YGPL,RR2	YieldGard <sup>®</sup> Plus/Roundup Ready <sup>®</sup> Corn 2
YGRW,RR2	YieldGard <sup>®</sup> Rootworm/Roundup Ready <sup>®</sup> Corn 2

### Seed Treatments

AC	Acceleron <sup>®</sup>
AM	ApronMaxx <sup>®</sup>
AP	Apron XL <sup>®</sup>
AVC	Avicta <sup>®</sup> Complete Corn
C	Cruiser <sup>®</sup>
CM	CruiserMaxx <sup>®</sup>
E	Excalibre <sup>™</sup>
ES	Escalate <sup>™</sup>
I	Inovate <sup>™</sup> System
O	Optimize <sup>®</sup>
P	Poncho <sup>®</sup>
T	Trilex <sup>®</sup>
T6	Trilex <sup>®</sup> 6000
V	Votivo <sup>™</sup>

### Trademarks

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