

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

AgSCI Copyright 2010

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

- Excalibre<sup>™</sup> is a trademark of Advanced Biological Marketing
- LibertyLink<sup>®</sup>, Poncho<sup>®</sup>, Trilex<sup>®</sup>, and Votivo<sup>™</sup> are trademarks of Bayer.
- Escalate<sup>™</sup> is a trademark of Beck's Superior Hybrids
- Herculex<sup>®</sup> is a trademark of Dow AgroSciences LLC.
- STS<sup>®</sup> is a registered trademark of E.I. DuPont Nemours & Co.
- Optimize<sup>®</sup> is a trademark of EMD Crop BioScience Inc.
- Acceleron<sup>®</sup>, Genuity<sup>®</sup>, Roundup Ready<sup>®</sup>, Roundup Ready 2 Yield<sup>®</sup>, SmartStax<sup>™</sup>, VT Double PRO<sup>™</sup>, VT Triple PRO<sup>™</sup>, YieldGard<sup>®</sup>, YieldGard VT Rootworm/RR2<sup>™</sup>, and YieldGard VT Triple<sup>®</sup> are trademarks of Monsanto Technology LLC.
- Agrisure<sup>®</sup>, ApronMaxx<sup>®</sup>, ApronXL<sup>®</sup>, Avicta<sup>®</sup>, Cruiser<sup>®</sup>, and CruiserMaxx<sup>®</sup> are trademarks of Syngenta.
- Inovate<sup>™</sup> System is a trademark of Valent