

**2010 BETTER VARIETIES Harvest Report for Illinois South [ ILSO ]**

SOILSO09

Norman "Butch" &amp; John Yeley, Clark County, IL 62441 [ MARSHALL ]

 PREV. CROP/HERB: Corn  
 SOIL DESCRIPTION: Weir silty clay loam, non-irrigated, well drained  
 SOIL CONDITIONS: Low SCN, moderate P, moderate K, 6.2 pH, 1.7% OM  
 TILLAGE/CULTIVATION: conventional w/ fall till  
 PEST MANAGEMENT: Treflan, Scepter, FirstRate  
 SEEDED - RATE: May 29 140,000 /A  
 HARVESTED - STAND: Oct 11 139,400 /A

 4.0 - 4.7 MAT. GROUP  
 TR8" 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
FS Seeds	HS45A02	RR2Y	4.5	R	AC	<b>57.4</b>	9.6	0.0	139.4	\$635.3
Beck	XL 432NR^*	RR	4.3	R	ES	<b>57.3</b>	9.4	0.3	139.4	\$634.4
Hoffman	HL41L10*	LL	4.1	R	AM	<b>56.6</b>	10.7	3.7	139.4	\$625.2
FS Seeds	HS45T70	RR,STS	4.5	R	CM	<b>56.1</b>	9.4	1.3	139.4	\$621.1
Beck	445NR*	RR,STS	4.4	R	ES	<b>55.9</b>	9.1	0.3	139.4	\$619.3
Stone	2R4201	RR2Y	4.2	R	AC	<b>55.8</b>	10.2	0.0	139.4	\$616.9
Kruger	K2-4601	RR2Y	4.6	R	AC	<b>55.8</b>	10.2	0.0	139.4	\$616.9
Beck	XL 400NR^	RR	4.0	R	ES	<b>55.3</b>	8.2	0.0	139.4	\$613.6
Beck	XL 466NR^*	RR	4.6	R	ES	<b>55.3</b>	9.1	0.7	139.4	\$612.6
FS Seeds	HS47A02	RR2Y	4.7	R	AC	<b>54.6</b>	9.5	0.0	139.4	\$604.4
Kruger	K2-4101	RR2Y	4.1	R	AC	<b>54.0</b>	9.1	0.3	139.4	\$598.2
eMerge	e4510S*	STS	4.5	R	CM	<b>53.9</b>	10.4	0.0	139.4	\$595.7
Kruger	K2-4202	RR2Y	4.2	R	AC	<b>53.7</b>	10.5	0.0	139.4	\$593.4
Kruger	K2-3902	RR2Y	3.9	R	AC	<b>52.4</b>	10.5	0.0	139.4	\$579.0
Stone	2R3900	RR2Y	3.9	R	AC	<b>52.1</b>	8.8	0.3	139.4	\$577.5
Kruger	K2-4201	RR2Y	4.2	R	AC	<b>51.7</b>	9.1	0.0	139.4	\$572.7
Diener	4001CR2	RR2Y	4.0	R	AC	<b>51.7</b>	9.1	0.3	139.4	\$572.7
FS Seeds	HS42A02	RR2Y	4.2	R	AC	<b>51.5</b>	8.0	1.7	139.4	\$571.7
Beck	426NL*	LL	4.2	R	ES	<b>51.5</b>	10.0	0.0	139.4	\$569.6
Hoffman	HL42L11*	LL	4.2	R	None	<b>51.5</b>	10.4	0.0	139.4	\$569.2
Diener	4415CR	RR	4.4	R	AC	<b>51.0</b>	10.8	0.3	139.4	\$563.2
Dyna-Gro	39RY41	RR2Y	4.1	R	AC	<b>50.8</b>	11.0	0.0	139.4	\$560.8
Kruger	K2-4302	RR2Y	4.3	R	AC	<b>50.7</b>	9.3	1.7	139.4	\$561.5
FS Seeds	HS42L02	LL	4.2	R	None	<b>49.0</b>	10.2	0.0	139.4	\$541.7
FS Seeds	HS44A02	RR2Y	4.4	MR	AC	<b>48.9</b>	9.4	0.3	139.4	\$541.4
eMerge	e4310S*	STS	4.3	R	CM	<b>48.8</b>	10.4	0.7	139.4	\$539.3
FS Seeds	HS48L02	LL	4.8	R	None	<b>48.6</b>	10.0	0.0	139.4	\$537.5
Dyna-Gro	35X43	RR	4.3	MR	AC	<b>48.5</b>	9.2	8.0	139.4	\$537.2
Kruger	K2-4701	RR2Y	4.7	R	AC	<b>47.0</b>	9.6	0.0	139.4	\$520.2
Channel	4700R2	RR2Y	4.7	R	AC	<b>46.5</b>	9.7	0.0	139.4	\$514.6
Test Average =						<b>51.0</b>	<b>9.6</b>	<b>0.8</b>	<b>139.4</b>	<b>\$564.9</b>
LSD (0.10) =						3.5	0.5	2.5		
C.V. =						5.1	3.8			

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** *Good yields for a late May planting date. Butch said that some of his July planted beans were yielding 46 bu./acre. Site had uniform plant stands & singulation. Harvested seeds were near 3400-4200 seeds/lb. Seed coat quality was excellent. Plants were 42"-55" tall with internode lengths of 2"-3". Minimal lodging at this site.*

Lat: N39.45384, Long: W87.61393

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)

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Report Date: 10/14/2010 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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