

**2010 BETTER VARIETIES Harvest Report for Illinois South Central [ ILSC ]**

SOILSC05

John Carmack, Douglas County, IL 61956 [ TUSCOLA ]

PREV. CROP/HERB: Corn  
 SOIL DESCRIPTION: Drummer/Flanagan silty clay loam, non-irrigated, moderately drained 3.4 - 4.1 MAT. GROUP  
 SOIL CONDITIONS: Medium SCN, high P, high K, 6.3 pH, 3% OM TR8" ROW SPACING  
 TILLAGE/CULTIVATION: no-till  
 PEST MANAGEMENT: Buccaneer, Prowl, Raptor, Flexstar  
 SEEDED - RATE: May 28 140,000 /A TOP 30 for YIELD of 54 TESTED  
 HARVESTED - STAND: Oct 11 104,500 /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	HS39A02	RR2Y	3.9	R	AC	56.3	5.5	0.0	104.5	\$627.7
Asgrow	AG3731	RR2Y	3.7	R	AC	55.4	5.0	0.0	104.5	\$618.3
Channel	3701R2	RR2Y	3.7	R	AC	54.9	5.1	0.0	104.5	\$612.6
Kruger	K2-3402	RR2Y	3.4	R	AC	54.8	5.5	0.0	104.5	\$611.0
FS Seeds	HS38R80	RR	3.8	R	CM	54.2	5.5	0.0	104.5	\$604.3
Stone	2R3901	RR2Y	3.9	R	AC	53.9	5.3	0.0	104.5	\$601.2
Kruger	K2-3902	RR2Y	3.9	R	AC	53.8	5.2	0.0	104.5	\$600.2
Asgrow	AG3830	RR2Y	3.8	R	AC	53.7	5.1	0.0	104.5	\$599.2
Kruger	K2-3801	RR2Y	3.8	R	AC	53.5	5.2	0.0	104.5	\$596.8
Asgrow	AG3831	RR2Y	3.8	R	AC	53.3	5.2	0.0	104.5	\$594.6
Beck	XL Ex6017NR^*	RR	3.9	R	ES	53.2	5.3	0.0	104.5	\$593.4
Asgrow	AG3931	RR2Y	3.9	R	AC	52.9	5.2	0.0	104.5	\$590.2
Stone	2R3401	RR2Y	3.4	R	AC	52.6	5.4	0.0	104.5	\$586.6
Asgrow	AG3631	RR2Y	3.6	R	AC	52.5	5.1	0.0	104.5	\$585.8
Kruger	K2-3601	RR2Y	3.6	R	AC	52.5	5.4	0.0	104.5	\$585.5
Diener	3712CR2	RR2Y	3.7	R	AC	52.4	5.3	0.0	104.5	\$584.5
eMerge	348TCS	STS	3.4	R	CM	52.4	5.3	0.0	104.5	\$584.5
FS Seeds	HS37A02	RR2Y	3.7	R	AC	52.3	4.9	0.3	104.5	\$583.8
Beck	XL 400NR^	RR	4.0	R	ES	52.3	5.0	0.0	104.5	\$583.7
Stone	2R3600	RR2Y	3.6	R	AC	52.3	5.4	0.0	104.5	\$583.2
eMerge	389FYC	None	3.8	R	CM	52.2	5.4	0.0	104.5	\$582.1
Diener	3551CR2	RR2Y	3.5	R	AC	52.1	5.2	0.0	104.5	\$581.2
Beck	XL 325NR^	RR	3.4	R	ES	52.0	5.1	0.0	104.5	\$580.2
Diener	3822CR2	RR2Y	3.9	R	AC	51.9	5.4	0.0	104.5	\$578.8
Withdrawn	EX337	RR2Y	3.7	MR	AC	51.5	4.9	0.0	104.5	\$574.8
Stone	2R3701	RR2Y	3.7	R	AC	51.2	5.2	0.0	104.5	\$571.2
Kruger	K2-3602	RR2Y	3.6	R	AC	50.8	4.9	0.0	104.5	\$567.0
Beck	XL 362NR^	RR	3.6	R	ES	50.7	5.5	0.0	104.5	\$565.3
Channel	4102R2	RR2Y	4.1	R	AC	50.6	5.5	0.0	104.5	\$564.2
eMerge	e3810	None	3.8	R	CM	50.4	5.3	0.3	104.5	\$562.2
Test Average =						<b>50.4</b>	<b>5.2</b>	<b>0.0</b>	<b>104.5</b>	<b>\$561.9</b>
LSD (0.10) =						3.4	0.5	0.2		
C.V. =						5.0	6.4			

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** John reported that his May 7th planted beans were yielding around 66 bu./acre. The plot's later planting date decreased some yield potential. The harvested seed size was very small (3800-4500 seeds/lb est.). Harvested plant heights were 42"-55" tall. Plant internode lengths were 3"- 4" long. Plant lodging was minimal. Very uniform stand. Lat: N39.80574, Long: W88.20384

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](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

- Excalibre<sup>™</sup> is a trademark of Advanced Biological Marketing
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- STS<sup>®</sup> is a registered trademark of E.I. DuPont Nemours & Co.
- Optimize<sup>®</sup> is a trademark of EMD Crop BioScience Inc.
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