

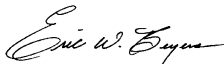
**2010 BETTER VARIETIES Harvest Report for Illinois South [ ILSO ]**

S0ILS011

John Barttelbort, St.Clair County, IL 62224 [ BELLEVILLE ]

PREV. CROP/HERB: Corn / Bicep II Magnum, Roundup  
 SOIL DESCRIPTION: Alford silt loam, non-irrigated, moderately drained 4.0 - 4.7 MAT. GROUP  
 SOIL CONDITIONS: Medium SCN, moderate P, moderate K, 6.6 pH, 2.2% OM TR8" ROW SPACING  
 TILLAGE/CULTIVATION: no-till  
 PEST MANAGEMENT: FirstRate, Select Max, Phoenix  
 SEEDED - RATE: May 30 140,000 /A TOP 30 for YIELD of 36 TESTED  
 HARVESTED - STAND: Oct 15 104,500 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technol.†	Mat.	SCN Resist.	Seed‡ Trmt.	Yield (Bu/A)	Moisture (%)	Lodging (%)	Stand (x 1000)	Gross Income
Kruger	K2-3902	RR2Y	3.9	R	AC	56.3	7.3	32.7	104.5	\$625.7
Kruger	K2-4601	RR2Y	4.6	R	AC	56.0	7.0	3.3	104.5	\$622.7
Beck	XL 466NR^*	RR	4.6	R	ES	52.4	6.6	23.3	104.5	\$583.1
Beck	XL 400NR^	RR	4.0	R	ES	52.2	6.7	22.3	104.5	\$580.8
Diener	4415CR	RR	4.4	R	AC	52.1	7.2	12.7	104.5	\$579.1
Beck	426NL*	LL	4.2	R	ES	50.8	7.1	38.7	104.5	\$564.8
Kruger	K2-4101	RR2Y	4.1	R	AC	50.6	6.5	9.7	104.5	\$563.2
Channel	4700R2	RR2Y	4.7	R	AC	50.0	7.0	23.0	104.5	\$556.0
Kruger	K2-4302	RR2Y	4.3	R	AC	49.4	6.8	11.0	104.5	\$549.5
Kruger	K2-4202	RR2Y	4.2	R	AC	49.0	7.2	1.0	104.5	\$544.7
FS Seeds	HS47A02	RR2Y	4.7	R	AC	48.6	6.9	11.3	104.5	\$540.5
FS Seeds	HS45A02	RR2Y	4.5	R	AC	47.8	7.2	5.7	104.5	\$531.3
Diener	4001CR2	RR2Y	4.0	R	AC	46.0	6.8	24.7	104.5	\$511.7
FS Seeds	HS45T70	RR,STS	4.5	R	CM	45.3	7.1	7.0	104.5	\$503.6
Kruger	K2-4201	RR2Y	4.2	R	AC	45.3	7.2	9.7	104.5	\$503.6
eMerge	e4310S*	STS	4.3	R	CM	44.7	7.4	42.0	104.5	\$496.7
FS Seeds	HS44A02	RR2Y	4.4	MR	AC	44.1	7.1	16.7	104.5	\$490.3
Stone	2R3900	RR2Y	3.9	R	AC	43.5	6.7	36.3	104.5	\$484.0
Kruger	K2-4701	RR2Y	4.7	R	AC	43.2	7.2	5.7	104.5	\$480.2
Stone	2R4201	RR2Y	4.2	R	AC	43.0	7.5	25.7	104.5	\$477.7
FS Seeds	HS42L02	LL	4.2	R	None	42.7	7.7	59.0	104.5	\$474.2
Dyna-Gro	37RY47	RR2Y	4.7	R	AC	41.8	6.9	7.3	104.5	\$464.9
Hoffman	HL42L11*	LL	4.2	R	None	41.5	7.9	60.3	104.5	\$460.7
FS Seeds	HS47A91	RR2Y	4.7	S	AC	40.9	6.8	15.3	104.5	\$455.0
Dyna-Gro	39RY41	RR2Y	4.1	R	AC	40.6	7.4	7.3	104.5	\$451.1
Beck	445NR*	RR,STS	4.4	R	ES	40.0	7.2	24.7	104.5	\$444.6
eMerge	e4520	None	4.5	R	CM	39.5	7.0	29.7	104.5	\$439.2
Beck	XL 432NR^*	RR	4.3	R	ES	39.2	7.0	18.0	104.5	\$435.9
Channel	4500R2	RR2Y	4.5	S	AC	38.7	7.0	12.0	104.5	\$430.3
Kruger	K2-4501	RR2Y	4.5	S	AC	38.1	7.3	20.3	104.5	\$423.4
Test Average =						<b>43.3</b>	<b>7.1</b>	<b>21.0</b>	<b>104.5</b>	<b>\$481.1</b>
LSD (0.10) =						8.2	0.7	22.5		
C.V. =						13.9	7.5			

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** This site had severe lodging from heavy rains. Most of the harvesting was accomplished in only one direction.

Harvested seed size varied wildly from 2600 - 4000+ seeds/lb. Seed coats had good quality. Plant heights were very tall ranging from 42 to 55 inches. SDS pressure at this site may have contributed to some variety's low yields??

Lat: N38.50498, Long: W89.8733

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: 10/17/2010 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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- Optimize<sup>®</sup> is a trademark of EMD Crop BioScience Inc.
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