

## 2016 Soybean Top 30 Harvest Report

Illinois South [ ILSO ] BELLEVILLE

John (Don) Barttelbort, St. Clair County, IL 62224



Test by: 3rd Party Comparisons, LLC, Owaneco, IL

PREV. CROP/HERB: Corn / Princep, Bicep II Magnum, Lumax, Lexar  
 SOIL DESCRIPTION: Ipava silty clay loam, moderately drained, non-irrigated  
 SOIL CONDITIONS: High P, high K, 6.6 pH, 3 % OM  
 TILLAGE/CULTIVATION: Minimum w/ fall till  
 PEST MANAGEMENT: Roundup, 2,4-D, Canopy, Boundary, Roundup, Flexstar GT, Radiate, Quadris Top SBX, Endigo  
 SEEDED - RATE - ROW: Jun 3 140,000 /A 30" Spacing  
 HARVESTED - STAND: Nov 1 99,900 /A

**All-Season Test**  
**Maturity Group 3.8 - 4.7**  
 S2016ILSO12

**Top 30 of 54**

For Gross Income (Sorted by Yield)  
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Stone	2RX4327-SR	RRX,ST	4.3	R	ACi	<b>68.2</b>	13.0	10	116.2	\$664
Steyer	4704XR	RRX	4.7	MR	SStd	<b>67.8</b>	13.0	1	130.7	\$660
Pfister	39R201	RR2Y	3.9	R	CCB	<b>66.3</b>	13.3	1	116.2	\$645
FS HiSoy	HS 46X60	RRX	4.6	R	ACi	<b>66.0</b>	12.7	1	122.0	\$642
Dyna-Gro	S43XS27	RRX,ST	4.3	R	ACi	<b>65.7</b>	12.3	22	127.8	\$639
FS HiSoy	HS 43X60	RRX	4.3	R	ACi	<b>65.1</b>	12.7	4	110.4	\$633
Steyer	4402R2	RR2Y	4.4	MR	SStd	<b>64.0</b>	13.1	0	124.9	\$623
Steyer	4403XR	RRX	4.4	MR	SStd	<b>63.7</b>	13.2	4	107.4	\$620
NK Brand	S45-R7 §	RR2Y,ST	4.5	R	CCB,Me	<b>63.6</b>	12.8	9	110.4	\$619
LG Seeds	C3989R2	RR2Y	3.8	R	CCB	<b>62.8</b>	13.2	11	98.7	\$611
Seed Consultants	SCS 9474RR^	RR	4.7	MR	EE,G	<b>62.7</b>	12.8	37	130.7	\$610
NK Brand	S42-P6 §	RR2Y	4.2	R	CCB,Me	<b>62.4</b>	13.5	18	116.2	\$607
Steyer	3805R2	RR2Y	3.8	MR	SStd	61.3	13.1	7	92.9	\$596
FS HiSoy	HS 44X60	RRX	4.4	R	ACi,CI	60.7	13.2	16	104.5	\$590
LG Seeds	C4322R2	RR2Y	4.3	R	CCB	60.4	12.6	28	104.5	\$588
Dairyland	DSR-4225/R2Y	RR2Y,ST	4.2	MR	CMB	60.4	13.3	1	116.2	\$587
Pfister	48RS01	RR2Y,ST	4.8	R	CCB	60.1	12.9	10	127.8	\$585
Pfister	45R23	RR2Y	4.5	R	CCB	60.0	13.0	11	116.2	\$584
Armor	43-D34	RRX	4.2	R	DX	60.0	14.7	6	104.5	\$582
Great Heart	GT-4220X	RRX	4.2	R	Gr+	59.8	13.3	10	107.4	\$581
FS HiSoy	HS 42A50	RR2Y	4.2	R	ACi,CI	58.8	13.2	17	107.4	\$572
FS HiSoy	HS 42X50	RRX	4.2	R	ACi,CI	58.5	13.4	7	110.4	\$569
Stine	43RE02 §	RR2Y	4.3	R	SFI	57.8	12.8	4	78.4	\$562
Stone	2RX4426-SR	RRX,ST	4.4	R	ACi	57.4	13.9	2	107.4	\$557
Pfister	39R29	RR2Y	3.9	R	CCB	57.0	12.6	8	107.4	\$555
Steyer	3806XR	RRX	3.8	MR	SStd	56.6	13.1	1	113.3	\$551
Stine	41RH22 §	RR2Y,ST	4.1	R	SFI	56.5	13.1	10	95.8	\$550
Dyna-Gro	S42RY77	RR2Y	4.2	R	CCB	56.3	12.8	16	92.9	\$548
FS HiSoy	HS 40X60	RRX	4.0	R	ACi	56.1	12.8	26	87.1	\$546
Seed Consultants	SCS 9385RR^	RR	3.8	MR	EE,G	56.1	12.8	45	110.4	\$546

Averages = **57.1** **13.1** **15** **99.9** **\$555**

LSD (0.10) = 4.7 0.9 16

LSD (0.25) = 3.3 0.6 11

C.V. = 6.1 Prev. years avg. yield, 56.2 bu/a, 14 yrs

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**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.73 GMO; \$9.73 non-GMO

**TEST COMMENTS:** *At planting, wet soil conditions plus numerous post-planting rains, reduced stands in some varieties. The trial was heavily lodged, which made for a slow harvest. John commented about harvesting his lodged soybeans this year. The abundant August rains spurred tall soybean plants (50-60"). September and October rains helped lodge tall plants. Seed size was large and mostly good quality.*

† See last page for abbreviation descriptions. Results in **bold** are significantly above test average by LSD (0.10). **ns** = column values not significantly different.

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Report Date: 11/02/2016 Revised:

## 2016 Soybean - Illinois South [ ILSO ]

### All-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Armor	39-D90	RRX	3.9	R	DX	Steyer	4403XR	RRX	4.4	MR	SStd
Armor	43-D34	RRX	4.2	R	DX	Steyer	4704XR	RRX	4.7	MR	SStd
Armor	47-D17	RRX,ST	4.7	R	DX	Stine	38RE02 §	RR2Y	3.8	R	SFI
Asgrow	AG38X6 §	RRX	3.8	R	ACi	Stine	41RH22 §	RR2Y,ST	4.1	R	SFI
Asgrow	AG40X6 §	RRX	4.0	R	ACi	Stine	43RE02 §	RR2Y	4.3	R	SFI
Asgrow	AG42X6 §	RRX	4.2	R	ACi	Stone	2RX3816-SR	RRX,ST	3.8	R	ACi
Dairyland	DSR-3838/R2Y	RR2Y	3.8	MR	CMB	Stone	2RX4327-SR	RRX,ST	4.3	R	ACi
Dairyland	DSR-4011/R2Y	RR2Y,ST	4.0	R	CMB	Stone	2RX4426-SR	RRX,ST	4.4	R	ACi
Dairyland	DSR-4225/R2Y	RR2Y,ST	4.2	MR	CMB	Withdrawn	Withdrawn §	RR	4.7	S	None
Dyna-Gro	S39XT67	RRX	3.9	R	CCB						
Dyna-Gro	S42RY77	RR2Y	4.2	R	CCB						
Dyna-Gro	S43XS27	RRX,ST	4.3	R	ACi						
FS HiSoy	HS 39A60	RR2Y	3.9	R	ACi,Ci						
FS HiSoy	HS 39X60	RRX	3.9	R	ACi						
FS HiSoy	HS 40X60	RRX	4.0	R	ACi						
FS HiSoy	HS 42A50	RR2Y	4.2	R	ACi,Ci						
FS HiSoy	HS 42X50	RRX	4.2	R	ACi,Ci						
FS HiSoy	HS 43X60	RRX	4.3	R	ACi						
FS HiSoy	HS 44X60	RRX	4.4	R	ACi,Ci						
FS HiSoy	HS 46X60	RRX	4.6	R	ACi						
Great Heart	GT-3970X	RRX	3.9	R	Gr+						
Great Heart	GT-4220X	RRX	4.2	R	Gr+						
LG Seeds	C3911RX	RRX	3.9	R	CCB						
LG Seeds	C3989R2	RR2Y	3.8	R	CCB						
LG Seeds	C4322R2	RR2Y	4.3	R	CCB						
NK Brand	S39-C4 §	RR2Y	3.9	R	CCB,Me						
NK Brand	S42-P6 §	RR2Y	4.2	R	CCB,Me						
NK Brand	S45-R7 §	RR2Y,ST	4.5	R	CCB,Me						
Pfister	38R202	RR2Y	3.8	R	CCB						
Pfister	39R201	RR2Y	3.9	R	CCB						
Pfister	39R29	RR2Y	3.9	R	CCB						
Pfister	41RS01	RR2Y,ST	4.1	R	CCB						
Pfister	43R29	RR2Y	4.3	R	CCB						
Pfister	45R23	RR2Y	4.5	R	CCB						
Pfister	48RS01	RR2Y,ST	4.8	R	CCB						
Pioneer	P38T42R §	RR	3.8	R	EE,G,IL						
Seed Consultants	SCS 9385RR^	RR	3.8	MR	EE,G						
Seed Consultants	SCS 9393RR^	RR	3.9	R	EE,G						
Seed Consultants	SCS 9456SR^	RR,ST	4.5	MR	EE,G						
Seed Consultants	SCS 9474RR^	RR	4.7	MR	EE,G						
Steyer	3805R2	RR2Y	3.8	MR	SStd						
Steyer	3806XR	RRX	3.8	MR	SStd						
Steyer	3904XR	RRX	3.9	MR	SStd						
Steyer	4004XR	RRX	4.0	MR	SStd						
Steyer	4402R2	RR2Y	4.4	MR	SStd						

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doeblers PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMaxx® brand seed is distributed by AgVenture, Inc. XL® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaxx® and XL® are registered trademarks of DuPont Pioneer.
CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.
§	United Soybean Board sponsored entry

### Soybean Technologies

LL	LibertyLink®
None	Conventional, non-GMO
P	Plenish®
RR	glyphosate tolerant
RR2Y	Genuity® Roundup Ready 2 Yield®
RRX	Genuity® Roundup Ready 2 Xtend®
ST	sulfonylurea tolerant

### Soybean Cyst Nematode (SCN) Resistance Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

### Soybean Seed Treatments\*

n/a	info unavailable	IL	ILeVO®
AC	Acceleron® fungicide products	In	Intego™ Solo
ACi	Acceleron® fungicide and insecticide products	IS	Intego™ Suite
AG	ArmourGuard™	MAG	Maximum ArmourGuard™
AM	ApronMaxx®	Me	Mertect®
AVB	Avicta® Complete Beans	Mg	Magnum ST™ (standard)
CCB	Clariva™ Complete Beans	NCFI	N-Compass™ Plus F/I
CI	Clariva™ pn	None	untreated
CMB	CruiserMaxx® Beans	PV	Poncho®/Votivo®
CMBV	CruiserMaxx® Beans with Vibrance	SDPI	Servo™ DPI
DPHB	DPH Boost®	SFI	Stine XP fungicide & insecticide
DST	Dominance™ ST	SS	Soyshield™
DX	Defend™ Extra	SS+	Soyshield Plus™
EE	Evergol™ Energy	SStd	SureStand™
En	Encase®	TE	Trius™ Elite
G	Gaucho®	WCX	Warden® CX
Gr+	Great Start™ Max Plus		

\* Seed treatments may include unspecified plant health promoting components.