

## 2016 Soybean Top 30 Harvest Report

Illinois South Central [ ILSC ] CLAYTON

Terry Smith, Adams County, IL 62324



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

PREV. CROP/HERB: Corn / Lexar  
 SOIL DESCRIPTION: Muscatine silt loam, mod. poor drained, non-irrigated  
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.5 pH, 3.5 % OM  
 TILLAGE/CULTIVATION: Minimum w/ fall till  
 PEST MANAGEMENT: Touchdown, Canopy XL, Prowl H20, Sharpen, Touchdown  
 SEEDED - RATE - ROW: May 23 140,000 /A 30" Spacing  
 HARVESTED - STAND: Nov 10 127,600 /A

**All-Season Test**  
**Maturity Group 3.3 - 4.3**  
 S2016ILSC05

**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
Pioneer	P38T42R §	RR	3.8	R	EE,G,IL	<b>61.5</b>	13.7	16	136.5	\$569
Steyer	3805R2	RR2Y	3.8	MR	SStd	<b>59.0</b>	14.6	14	127.8	\$545
Pfister	39R201	RR2Y	3.9	R	CCB	<b>57.5</b>	14.0	4	124.9	\$532
Pfister	39R29	RR2Y	3.9	R	CCB	<b>56.2</b>	14.0	5	133.6	\$520
Pioneer	P36T86R §	RR	3.6	R	EE,G,IL	<b>55.7</b>	13.8	32	124.9	\$515
Steyer	3605R2	RR2Y	3.6	MR	SStd	55.4	14.9	22	133.6	\$511
Dairyland	DSR-4011/R2Y	RR2Y,ST	4.0	R	CMB	55.2	13.5	23	133.6	\$511
FS HiSoy	HS 38X60	RRX	3.8	R	ACi,Ci	55.2	14.7	15	130.7	\$510
LG Seeds	C3550RX	RRX	3.5	R	CCB	54.3	14.5	8	124.9	\$502
Asgrow	AG39X7 §	RRX,ST	3.9	R	ACi	54.3	14.2	12	130.7	\$502
FS HiSoy	HS 37X60	RRX	3.7	R	ACi,Ci	54.3	14.2	20	130.7	\$502
Stine	43RE02 §	RR2Y	4.3	R	SFI	53.9	13.9	23	124.9	\$499
Steyer	3904XR	RRX	3.9	MR	SStd	53.5	13.8	11	130.7	\$495
LG Seeds	C3989R2	RR2Y	3.8	R	CCB	53.4	14.3	26	136.5	\$494
Pioneer	P34T07R2 §	RR2Y	3.4	R	None	53.3	14.3	22	127.8	\$493
FS HiSoy	HS 42X50	RRX	4.2	R	ACi,Ci	52.9	14.6	14	136.5	\$489
Stone	2RX4116	RRX	4.1	MR	ACi	52.8	14.0	3	122.0	\$488
NK Brand	S39-C4 §	RR2Y	3.9	R	CCB,Me	52.7	13.6	9	124.9	\$488
FS HiSoy	HS 39X60	RRX	3.9	R	ACi	52.5	14.2	26	124.9	\$485
Stine	38RE02 §	RR2Y	3.8	R	SFI	52.4	13.8	23	124.9	\$485
Great Heart	GT-3701X	RRX	3.7	R	Gr+	52.1	14.0	3	119.1	\$482
Steyer	3408XR	RRX	3.4	MR	SStd	52.1	14.1	5	119.1	\$482
NK Brand	S37-Z8 §	RR2Y	3.7	R	CCB,Me	51.9	14.8	16	127.8	\$479
Steyer	3806XR	RRX	3.8	MR	SStd	51.9	15.2	18	130.7	\$479
Pfister	35R201	RR2Y	3.5	R	CCB	51.8	13.9	23	127.8	\$479
Dyna-Gro	S39XT67	RRX	3.9	R	CCB	51.7	14.3	19	122.0	\$478
FS HiSoy	HS 40X60	RRX	4.0	R	ACi	51.7	14.3	29	116.2	\$478
Stone	2RX3527	RRX	3.5	R	ACi	51.5	14.1	3	119.1	\$476
Asgrow	AG36X6 §	RRX	3.6	R	ACi	51.2	14.2	14	130.7	\$473
Pfister	43R29	RR2Y	4.3	R	CCB	51.0	13.5	20	124.9	\$472

Averages = **51.3** **14.2** **21** **127.6** **\$474**

LSD (0.10) = 4.3 0.8 13

LSD (0.25) = 3.0 0.6 9

C.V. = 6.2 Prev. years avg. yield, 49.5 bu/a, 10 yrs

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**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.27 GMO; \$9.27 non-GMO

**TEST COMMENTS:** Terry said that during the later growing season multiple cloud bursts dumped up to 4" in 40 minutes near the plot field. Wind gusts from these storms caused tall plants, up to 60", to lodge. Disease pressure was moderately high. Harvested seed from many varieties was small to medium sized. High grain moistures reflect a recent rain, which further delayed harvest - typical trend of the area this year.

† 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: 11/13/2016 Revised:

## 2016 Soybean - Illinois South Central [ ILSC ]

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

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG36X6 §	RRX	3.6	R	ACi	Steyer	3806XR	RRX	3.8	MR	SStd
Asgrow	AG38X6 §	RRX	3.8	R	ACi	Steyer	3904XR	RRX	3.9	MR	SStd
Asgrow	AG39X7 §	RRX,ST	3.9	R	ACi	Steyer	4004XR	RRX	4.0	MR	SStd
Dairyland	DSR-3630/R2Y	RR2Y	3.6	R	CMB	Stine	38RE02 §	RR2Y	3.8	R	SFi
Dairyland	DSR-3745/R2Y	RR2Y	3.7	MR	CMB	Stine	40RF22 §	RR2Y	4.0	R	SFi
Dairyland	DSR-3838/R2Y	RR2Y	3.8	MR	CMB	Stine	43RE02 §	RR2Y	4.3	R	SFi
Dairyland	DSR-4011/R2Y	RR2Y,ST	4.0	R	CMB	Stone	2RX3527	RRX	3.5	R	ACi
Dyna-Gro	S37XT47	RRX	3.7	R	CCB	Stone	2RX3827	RRX	3.8	R	ACi
Dyna-Gro	S38RY87	RR2Y	3.8	R	CCB	Stone	2RX4116	RRX	4.1	MR	ACi
Dyna-Gro	S39RY65	RR2Y	3.9	R	CCB						
Dyna-Gro	S39XT67	RRX	3.9	R	CCB						
FS HiSoy	HS 34X60	RRX	3.4	R	ACi,Ci						
FS HiSoy	HS 37X60	RRX	3.7	R	ACi,Ci						
FS HiSoy	HS 38X60	RRX	3.8	R	ACi,Ci						
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 42X50	RRX	4.2	R	ACi,Ci						
FS HiSoy	HS 43X60	RRX	4.3	R	ACi						
Great Heart	GT-3701X	RRX	3.7	R	Gr+						
Great Heart	GT-3810X	RRX	3.8	R	Gr+						
LG Seeds	C3550RX	RRX	3.5	R	CCB						
LG Seeds	C3911RX	RRX	3.9	R	CCB						
LG Seeds	C3989R2	RR2Y	3.8	R	CCB						
NK Brand	S35-C3	RR2Y	3.5	R	CCB,Me						
NK Brand	S36-Y6	RR2Y,ST	3.6	R	CCB,Me						
NK Brand	S37-Z8 §	RR2Y	3.7	R	CCB,Me						
NK Brand	S39-C4 §	RR2Y	3.9	R	CCB,Me						
NK Brand	S42-P6 §	RR2Y	4.2	R	CCB,Me						
Pfister	35R201	RR2Y	3.5	R	CCB						
Pfister	35R25	RR2Y	3.5	R	CCB						
Pfister	37RS01	RR2Y,ST	3.7	R	CCB						
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						
Pioneer	P34T07R2 §	RR2Y	3.4	R	None						
Pioneer	P36T86R §	RR	3.6	R	EE,G,IL						
Pioneer	P38T42R §	RR	3.8	R	EE,G,IL						
Steyer	3302XR	RRX	3.3	MR	SStd						
Steyer	3408XR	RRX	3.4	MR	SStd						
Steyer	3605R2	RR2Y	3.6	MR	SStd						
Steyer	3706XR	RRX	3.7	MR	SStd						
Steyer	3805R2	RR2Y	3.8	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.