

2016 Soybean Top 30 Harvest Report

Illinois South Central [ILSC] FORSYTH
Jim Cullison, Macon County, IL 61913



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

PREV. CROP/HERB: Corn / Lexar, 2,4-D
SOIL DESCRIPTION: Cisne clay loam, poor drained, non-irrigated
SOIL CONDITIONS: Mod. High P, mod. high K, 7.5 pH, 1.9 % OM
TILLAGE/CULTIVATION: Minimum w/ fall till
PEST MANAGEMENT: Boundary, Flexstar GT, Quadris Top SB, Endigo
SEEDED - RATE - ROW: May 22 140,000 /A 30" Spacing
HARVESTED - STAND: Oct 14 126,800 /A

All-Season Test
Maturity Group 3.3 - 4.3
S2016ILSC07

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
LG Seeds	C3989R2	RR2Y	3.8	R	CCB	72.1	11.9	6	127.8	\$668
Dyna-Gro	S39XT67	RRX	3.9	R	CCB	69.2	11.8	0	127.8	\$641
Asgrow	AG36X6 §	RRX	3.6	R	ACi	69.2	12.1	1	127.8	\$641
Great Heart	GT-3810X	RRX	3.8	R	Gr+	69.2	12.2	2	127.8	\$641
LG Seeds	C3911RX	RRX	3.9	R	CCB	68.6	12.6	3	124.9	\$636
Steyer	3408XR	RRX	3.4	MR	SStd	67.4	12.5	1	124.9	\$625
Dairyland	DSR-4011/R2Y	RR2Y,ST	4.0	R	CMB	67.4	10.6	7	124.9	\$625
FS HiSoy	HS 42X50	RRX	4.2	R	ACi,CI	66.9	11.7	1	122.0	\$620
Stine	43RE02 §	RR2Y	4.3	R	SFI	66.9	12.6	6	122.0	\$620
Pioneer	P34T07R2 §	RR2Y	3.4	R	None	66.6	11.4	9	127.8	\$617
Stone	2RX3827	RRX	3.8	R	ACi	66.4	11.7	3	130.7	\$616
NK Brand	S39-C4 §	RR2Y	3.9	R	CCB,Me	66.3	11.7	1	127.8	\$615
Pfister	37RS01	RR2Y,ST	3.7	R	CCB	66.2	12.3	4	130.7	\$614
FS HiSoy	HS 34X60	RRX	3.4	R	ACi,CI	66.1	12.5	0	124.9	\$613
NK Brand	S37-Z8 §	RR2Y	3.7	R	CCB,Me	66.1	12.1	3	127.8	\$613
Pfister	39R29	RR2Y	3.9	R	CCB	66.0	11.8	2	127.8	\$612
LG Seeds	C3550RX	RRX	3.5	R	CCB	65.9	12.3	2	127.8	\$611
Stone	2RX3527	RRX	3.5	R	ACi	65.6	11.8	0	127.8	\$608
NK Brand	S35-C3	RR2Y	3.5	R	CCB,Me	65.6	12.0	20	130.7	\$608
Dairyland	DSR-3745/R2Y	RR2Y	3.7	MR	CMB	65.4	12.1	7	124.9	\$606
FS HiSoy	HS 38X60	RRX	3.8	R	ACi,CI	65.3	11.7	1	127.8	\$605
Asgrow	AG39X7 §	RRX,ST	3.9	R	ACi	65.3	11.8	1	127.8	\$605
Steyer	3904XR	RRX	3.9	MR	SStd	65.3	12.7	9	124.9	\$605
Great Heart	GT-3701X	RRX	3.7	R	Gr+	64.9	11.9	1	127.8	\$602
Steyer	3805R2	RR2Y	3.8	MR	SStd	64.8	11.9	2	124.9	\$601
Pfister	39R201	RR2Y	3.9	R	CCB	64.7	12.0	2	127.8	\$600
Steyer	3605R2	RR2Y	3.6	MR	SStd	64.3	11.8	5	130.7	\$596
Steyer	3806XR	RRX	3.8	MR	SStd	64.1	12.3	1	127.8	\$594
Pfister	35R201	RR2Y	3.5	R	CCB	64.0	12.1	1	122.0	\$593
FS HiSoy	HS 43X60	RRX	4.3	R	ACi	63.7	11.3	1	127.8	\$590

Averages = 63.9 12.1 5 126.8 \$593

LSD (0.10) = 4.3 0.8 7

LSD (0.25) = 3.0 0.6 5

C.V. = 5.0 Prev. years avg. yield, 56.2 bu/a, 9 yrs

Eric Beyers

ewbeye@hotmail.com, (217) 825-9072

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

TEST COMMENTS: Jim commented that many of his soybeans are yielding in the mid 60s. This trial had very growthy plants ranging from 55- 60" tall. Most all varieties were lodged. Usually plants are lodged in one direction, but this site had varieties lodged in most every direction. Jim commented that fungicide was applied by plane and drift into neighboring corn remained healthier than rest of the field.

† 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: 10/15/2016 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.