

2016 Soybean Top 30 Harvest Report

Illinois South Central [ILSC] TUSCOLA
John Carmack, Douglas County, IL 61956



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

PREV. CROP/HERB: Corn / Roundup, Lumax, atrazine
SOIL DESCRIPTION: Hoyleton/Darmstadt silt loam, mod. poor drained, non-irrigated
SOIL CONDITIONS: Mod. High P, mod. high K, 6.9 pH, 1.9 % OM
TILLAGE/CULTIVATION: No-till
PEST MANAGEMENT: glyphosate, Sharpen, Prowl H2O, Authority Assist, Flexstar, Grozyme
SEEDED - RATE - ROW: May 25 140,000 /A 30" Spacing
HARVESTED - STAND: Oct 29 137,600 /A

All-Season Test
Maturity Group 3.3 - 4.3
S2016ILSC08

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	67.2	15.5	11	139.4	\$620
FS HiSoy	HS 34X60	RRX	3.4	R	ACi,CI	66.9	16.0	0	139.4	\$616
Pfister	39R201	RR2Y	3.9	R	CCB	66.0	15.5	0	136.5	\$609
Asgrow	AG36X6 §	RRX	3.6	R	ACi	65.6	15.5	0	139.4	\$605
Dairyland	DSR-4011/R2Y	RR2Y,ST	4.0	R	CMB	65.6	15.2	0	136.5	\$605
NK Brand	S37-Z8 §	RR2Y	3.7	R	CCB,Me	65.6	15.1	1	136.5	\$605
Pfister	35R201	RR2Y	3.5	R	CCB	65.2	16.1	1	139.4	\$600
Steyer	3805R2	RR2Y	3.8	MR	SStd	65.1	15.6	0	139.4	\$600
Steyer	3408XR	RRX	3.4	MR	SStd	64.8	15.8	1	139.4	\$597
FS HiSoy	HS 38X60	RRX	3.8	R	ACi,CI	64.3	15.4	0	139.4	\$593
Great Heart	GT-3810X	RRX	3.8	R	Gr+	64.0	15.1	0	139.4	\$591
Pioneer	P34T07R2 §	RR2Y	3.4	R	None	63.8	15.2	2	130.7	\$589
Pioneer	P38T42R §	RR	3.8	R	EE,G,IL	63.7	15.1	1	139.4	\$588
LG Seeds	C3911RX	RRX	3.9	R	CCB	63.6	15.4	1	136.5	\$587
Dyna-Gro	S39XT67	RRX	3.9	R	CCB	63.6	15.8	0	136.5	\$586
Dyna-Gro	S38RY87	RR2Y	3.8	R	CCB	63.2	15.3	13	139.4	\$583
NK Brand	S39-C4 §	RR2Y	3.9	R	CCB,Me	62.9	15.6	0	133.6	\$580
Dyna-Gro	S37XT47	RRX	3.7	R	CCB	62.9	16.1	1	136.5	\$579
Stone	2RX3827	RRX	3.8	R	ACi	62.4	15.6	0	139.4	\$575
Steyer	3904XR	RRX	3.9	MR	SStd	62.2	15.0	2	139.4	\$574
Great Heart	GT-3701X	RRX	3.7	R	Gr+	62.2	15.3	2	136.5	\$574
LG Seeds	C3550RX	RRX	3.5	R	CCB	62.0	15.8	0	136.5	\$571
Stone	2RX3527	RRX	3.5	R	ACi	62.0	16.0	0	139.4	\$571
Asgrow	AG39X7 §	RRX,ST	3.9	R	ACi	61.9	15.2	1	133.6	\$571
Pfister	43R29	RR2Y	4.3	R	CCB	61.5	14.7	0	136.5	\$568
Steyer	3806XR	RRX	3.8	MR	SStd	61.5	15.8	0	139.4	\$567
Steyer	3706XR	RRX	3.7	MR	SStd	61.5	15.8	2	139.4	\$567
Pfister	37RS01	RR2Y,ST	3.7	R	CCB	61.4	15.1	1	139.4	\$567
NK Brand	S35-C3	RR2Y	3.5	R	CCB,Me	61.3	15.9	18	136.5	\$565
Pioneer	P36T86R §	RR	3.6	R	EE,G,IL	61.2	15.0	0	136.5	\$565

Averages = 61.2 15.5 4 137.6 \$564

LSD (0.10) = 3.8 0.7 6

LSD (0.25) = 2.7 0.5 5

C.V. = 4.6 Prev. years avg. yield, 51.1 bu/a, 15 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: John commented that the recent wet weather has made it challenging for soybean harvest. He still has much of them to harvest. John's soybean trial resembled others sites in that his plants were also tall, 48-60", and slightly lodged. Spring planting at his no-till farm allowed excellent emergence. Harvested seed sizes were large and mostly good quality. A few discolored/diseased seeds were noticed.

† 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: 10/30/2016 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.