

2016 Soybean Top 30 Harvest Report

Illinois South [ILSO] VANDALIA

Ronnie Sloan, Fayette County, IL 62557



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

PREV. CROP/HERB: Corn / SureStart, atrazine, Durango
 SOIL DESCRIPTION: Virden silt loam, moderately drained, non-irrigated
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.9 pH, 3.6 % OM
 TILLAGE/CULTIVATION: Minimum w/o fall till
 PEST MANAGEMENT: simazine, RoundupMax, Anthem Maxx, Priaxor, Swagger
 SEEDED - RATE - ROW: Jun 7 140,000 /A 30" Spacing
 HARVESTED - STAND: Nov 15 129,600 /A

All-Season Test
Maturity Group 3.8 - 4.7
 S2016ILSO10

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
FS HiSoy	HS 43X60	RRX	4.3	R	ACi	68.1	13.3	0	133.6	\$662
Stine	41RH22 §	RR2Y,ST	4.1	R	SFI	67.3	13.9	2	130.7	\$654
Dyna-Gro	S43XS27	RRX,ST	4.3	R	ACi	67.1	13.8	1	133.6	\$652
Stone	2RX4327-SR	RRX,ST	4.3	R	ACi	66.8	13.3	5	133.6	\$650
LG Seeds	C3989R2	RR2Y	3.8	R	CCB	66.5	13.6	27	136.5	\$646
Dairyland	DSR-4011/R2Y	RR2Y,ST	4.0	R	CMB	66.3	12.9	6	124.9	\$645
FS HiSoy	HS 46X60	RRX	4.6	R	ACi	65.8	13.6	0	133.6	\$639
NK Brand	S42-P6 §	RR2Y	4.2	R	CCB,Me	65.7	14.1	1	136.5	\$638
Armor	43-D34	RRX	4.2	R	DX	65.2	13.9	0	136.5	\$633
Pfister	39R29	RR2Y	3.9	R	CCB	65.0	13.6	1	133.6	\$632
Seed Consultants	SCS 9385RR^	RR	3.8	MR	EE,G	65.0	13.1	6	133.6	\$632
Pfister	39R201	RR2Y	3.9	R	CCB	64.9	13.7	1	130.7	\$631
Steyer	3805R2	RR2Y	3.8	MR	SStd	64.8	13.7	3	127.8	\$630
Pfister	45R23	RR2Y	4.5	R	CCB	64.7	13.6	22	130.7	\$629
Asgrow	AG42X6 §	RRX	4.2	R	ACi	64.2	13.6	14	130.7	\$624
Great Heart	GT-4220X	RRX	4.2	R	Gr+	64.1	13.8	2	130.7	\$623
Dairyland	DSR-4225/R2Y	RR2Y,ST	4.2	MR	CMB	64.0	13.7	0	136.5	\$622
Steyer	4704XR	RRX	4.7	MR	SStd	63.9	13.8	0	136.5	\$621
Stine	43RE02 §	RR2Y	4.3	R	SFI	63.8	13.6	17	127.8	\$620
FS HiSoy	HS 42X50	RRX	4.2	R	ACi,CI	63.8	14.1	1	133.6	\$619
FS HiSoy	HS 44X60	RRX	4.4	R	ACi,CI	63.7	13.7	4	133.6	\$619
Stine	38RE02 §	RR2Y	3.8	R	SFI	63.0	13.4	8	127.8	\$612
Pfister	43R29	RR2Y	4.3	R	CCB	62.9	13.2	12	124.9	\$612
Pfister	48RS01	RR2Y,ST	4.8	R	CCB	62.8	13.6	1	130.7	\$610
NK Brand	S45-R7 §	RR2Y,ST	4.5	R	CCB,Me	62.3	13.5	0	133.6	\$606
FS HiSoy	HS 39X60	RRX	3.9	R	ACi	62.0	13.1	15	122.0	\$603
NK Brand	S39-C4 §	RR2Y	3.9	R	CCB,Me	61.8	13.6	0	130.7	\$601
Dyna-Gro	S39XT67	RRX	3.9	R	CCB	61.8	13.3	2	130.7	\$601
Dyna-Gro	S42RY77	RR2Y	4.2	R	CCB	61.8	13.5	17	127.8	\$601
Pfister	38R202	RR2Y	3.8	R	CCB	61.8	13.7	5	130.7	\$600

Averages = **62.3** **13.6** **9** **129.6** **\$605**

LSD (0.10) = 3.8 0.4 14

LSD (0.25) = 2.6 0.3 10

C.V. = 4.5 Prev. years avg. yield, 49.4 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: *Ronnie commented about how good this soybean test looked all year. It had good seedling emergence, abundant seasonal rains, and tall plant growth. Seed size was large and mostly good quality. It did have some lodging, but it stood better than any of our other southern Illinois sites. Lower pods started 4 inches above the ground and continued well to the top of plants.*

† 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: 11/16/2016 Revised:

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. VPMmax® brand seed is distributed by AgVenture, Inc. XL® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMmax® 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.