

2016 Soybean Top 30 Harvest Report

Illinois South [ILSO] DU QUOIN
Don Polczynski, Perry County, IL 62832



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

PREV. CROP/HERB: Corn
SOIL DESCRIPTION: Dana silty clay loam, mod. well drained, non-irrigated
SOIL CONDITIONS: Mod. High P, mod. high K, 6.6 pH, 3.5 % OM
TILLAGE/CULTIVATION: No-till
PEST MANAGEMENT: Gramoxone, Dimetric, Authority Max, Roundup
SEEDED - RATE - ROW: Jun 10 140,000 /A 30" Spacing
HARVESTED - STAND: Nov 5 117,300 /A

All-Season Test
Maturity Group 3.8 - 4.7
S2016ILSO11

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
Dyna-Gro	S43XS27	RRX,ST	4.3	R	ACi	56.4	14.6	9	124.9	\$547
NK Brand	S45-R7 §	RR2Y,ST	4.5	R	CCB,Me	54.2	14.5	5	122.0	\$526
FS HiSoy	HS 44X60	RRX	4.4	R	ACi,CI	53.7	15.2	6	127.8	\$520
Seed Consultants	SCS 9456SR^	RR,ST	4.5	MR	EE,G	53.1	14.3	6	124.9	\$515
Armor	47-D17	RRX,ST	4.7	R	DX	52.7	14.9	30	116.2	\$511
Pioneer	P38T42R §	RR	3.8	R	EE,G,IL	52.6	14.2	22	122.0	\$511
FS HiSoy	HS 43X60	RRX	4.3	R	ACi	51.9	14.4	10	130.7	\$504
NK Brand	S42-P6 §	RR2Y	4.2	R	CCB,Me	51.5	15.2	1	119.1	\$499
Seed Consultants	SCS 9385RR^	RR	3.8	MR	EE,G	51.4	14.7	4	122.0	\$498
Pfister	39R201	RR2Y	3.9	R	CCB	51.1	14.9	2	116.2	\$495
Stone	2RX4327-SR	RRX,ST	4.3	R	ACi	51.1	14.9	14	122.0	\$495
Steyer	4403XR	RRX	4.4	MR	SStd	51.1	15.1	16	116.2	\$495
Seed Consultants	SCS 9474RR^	RR	4.7	MR	EE,G	50.8	14.9	11	124.9	\$492
Dyna-Gro	S42RY77	RR2Y	4.2	R	CCB	50.7	14.3	12	113.3	\$492
FS HiSoy	HS 46X60	RRX	4.6	R	ACi	50.6	14.5	2	124.9	\$491
Pfister	45R23	RR2Y	4.5	R	CCB	50.5	14.6	7	119.1	\$490
Steyer	4704XR	RRX	4.7	MR	SStd	50.2	14.7	3	124.9	\$487
Pfister	41RS01	RR2Y,ST	4.1	R	CCB	50.1	14.2	5	104.5	\$486
Steyer	3806XR	RRX	3.8	MR	SStd	49.8	14.8	4	113.3	\$483
Asgrow	AG40X6 §	RRX	4.0	R	ACi	49.3	14.5	2	124.9	\$478
Great Heart	GT-4220X	RRX	4.2	R	Gr+	49.2	15.2	5	110.4	\$477
Stine	41RH22 §	RR2Y,ST	4.1	R	SFI	49.1	15.1	3	124.9	\$476
LG Seeds	C4322R2	RR2Y	4.3	R	CCB	48.8	14.4	13	104.5	\$473
Dairyland	DSR-4225/R2Y	RR2Y,ST	4.2	MR	CMB	48.5	14.5	4	122.0	\$470
Pfister	48RS01	RR2Y,ST	4.8	R	CCB	48.2	14.8	3	127.8	\$467
Steyer	3805R2	RR2Y	3.8	MR	SStd	48.1	14.3	2	122.0	\$467
Steyer	4004XR	RRX	4.0	MR	SStd	48.0	14.4	6	107.4	\$466
FS HiSoy	HS 42A50	RR2Y	4.2	R	ACi,CI	48.0	14.2	7	127.8	\$466
FS HiSoy	HS 39X60	RRX	3.9	R	ACi	47.8	14.1	12	107.4	\$464
FS HiSoy	HS 40X60	RRX	4.0	R	ACi	47.7	14.8	20	101.6	\$462

Averages = **48.1** **14.7** **10** **117.3** **\$466**

LSD (0.10) = 3.1 0.6 9

LSD (0.25) = 2.2 0.4 6

C.V. = 4.8 Prev. years avg. yield, 43.5 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: *Matt, the farmer cooperator here, said his farm received 17.6" of rain totals from July 28th - November 3rd. Considering the additionally wet spring, seedling emergence at this site was very good. The later season rains did contribute to lodging of some of the taller, 48" to 60", soybean plants. Disease pressure was moderately high. Seed size and quality was still very good.*

† 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: 11/07/2016 Revised:

2016 Soybean - Illinois South [ILSO]

All-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Armor	39-D90	RRX	3.9	R	DX
Armor	43-D34	RRX	4.2	R	DX
Armor	47-D17	RRX,ST	4.7	R	DX
Asgrow	AG38X6 §	RRX	3.8	R	ACi
Asgrow	AG40X6 §	RRX	4.0	R	ACi
Asgrow	AG42X6 §	RRX	4.2	R	ACi
Dairyland	DSR-3838/R2Y	RR2Y	3.8	MR	CMB
Dairyland	DSR-4011/R2Y	RR2Y,ST	4.0	R	CMB
Dairyland	DSR-4225/R2Y	RR2Y,ST	4.2	MR	CMB
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

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Steyer	4403XR	RRX	4.4	MR	SStd
Steyer	4704XR	RRX	4.7	MR	SStd
Stine	38RE02 §	RR2Y	3.8	R	SFI
Stine	41RH22 §	RR2Y,ST	4.1	R	SFI
Stine	43RE02 §	RR2Y	4.3	R	SFI
Stone	2RX3816-SR	RRX,ST	3.8	R	ACi
Stone	2RX4327-SR	RRX,ST	4.3	R	ACi
Stone	2RX4426-SR	RRX,ST	4.4	R	ACi
Withdrawn	Withdrawn §	RR	4.7	S	None

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.