

2015 Soybean Top 30 Harvest Report

Illinois South [ILSO] BELLEVILLE

John (Don) Barttelbort, St. Clair County, IL 62224



PREV. CROP/HERB: Corn / Touchdown, Radar, Aatrex, Lumax, Aatrex
 SOIL DESCRIPTION: Muscatine silt loam, mod. poor drained, non-irrigated
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.5 pH, 3.5 % OM, medium SCN
 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: Boundary, Sharpen, Heldsafe, Flexstar
 SEEDING - RATE - ROW: Jun 11 140,000 /A 30" Spacing
 HARVESTED - STAND: Oct 26 135,600 /A

All-Season Test

3.8 - 4.7 Day RM

S2015ILSO21

Top 30 of 54

For Gross Income (Sorted by Yield)

Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trmt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Asgrow	AG4135 §	RR2Y,ST	4.10	R	ACi	72.7	8.5	2	136.5	\$643
Stone	2R4302	RR2Y	4.30	R	ACi	72.0	8.5	0	136.5	\$637
Dairyland	DSR-4490/R2Y	RR2Y	4.40	MR	CMB	71.2	8.8	6	139.4	\$630
Pfister	39R29	RR2Y	3.90	R	CCB	70.5	8.9	0	139.4	\$624
Steyer	4203R2	RR2Y,ST	4.20	MR	CMBV	69.7	8.5	0	139.4	\$617
Dairyland	DSR-4633/R2Y	RR2Y	4.50	R	CMB	69.7	8.8	1	139.4	\$617
FS HiSOY	HS 38A50	RR2Y	3.80	R	CCB	69.5	9.0	0	130.7	\$615
Dyna-Gro	S42RY46	RR2Y	4.20	R	CCB	69.5	8.7	0	136.5	\$615
NK Brand	S45-R7 §	RR2Y,ST	4.50	R	CCB	69.5	8.8	0	136.5	\$615
Pfister	45R23	RR2Y	4.50	R	CCB	69.5	8.9	2	139.4	\$615
Asgrow	AG3936 §	RR2Y	3.90	R	ACi	69.1	9.1	0	133.6	\$612
NK Brand	S39-C4 §	RR2Y	3.90	R	CCB	69.0	9.0	0	133.6	\$611
AgVenture	VPMmax 45Z9RR^	RR	4.50	R	CCB	68.9	8.6	0	133.6	\$610
FS HiSOY	HS 45A42	RR2Y	4.50	R	CCB	68.9	8.4	0	133.6	\$610
Pfister	47R22	RR2Y,ST	4.70	R	CCB	68.9	9.4	3	139.4	\$610
Pfister	43R29	RR2Y	4.30	R	CCB	68.6	8.5	0	136.5	\$607
AgVenture	VPMmax 38H4RR^	RR	3.80	R	EE	68.6	8.6	1	139.4	\$607
FS HiSOY	HS 41A50	RR2Y,ST	4.10	R	CCB	68.5	8.5	0	136.5	\$606
Pioneer	P44T63R §	RR	4.40	R	None	68.1	8.2	1	127.8	\$603
FS HiSOY	HS 42A50	RR2Y	4.20	R	CCB	67.4	8.8	1	136.5	\$596
LG Seeds	C4322R2	RR2Y	4.30	R	AC,PV	67.4	8.7	2	133.6	\$596
LG Seeds	C4221R2	RR,ST	4.20	R	AC,PV	67.3	8.5	0	133.6	\$596
Pfister	43R201	RR2Y	4.30	R	CCB	67.2	9.1	0	136.5	\$595
Asgrow	AG4336 §	RR2Y	4.30	R	ACi	67.0	8.6	0	139.4	\$593
AgVenture	VPMmax 41B1RR^	RR	4.10	R	CCB	66.9	8.4	0	139.4	\$592
Stine	41RH22 §	RR2Y	4.10	R	Sfi	66.9	8.6	0	139.4	\$592
FS HiSOY	HS 43A42	RR2Y	4.30	R	CCB	66.9	8.8	2	133.6	\$592
Stone	2R4516	RR2Y	4.50	MR	ACi	66.8	9.5	3	136.5	\$591
FS HiSOY	HS 46A50	RR2Y	4.60	R	CCB	66.7	8.7	1	130.7	\$590
Great Heart	GT-435CR2	RR2Y	4.30	R	Gr	66.7	8.8	2	130.7	\$590

Averages = **66.9** **8.9** **1** **135.6** **\$592**

LSD (0.10) = 3.6 0.2 ns

LSD (0.25) = 2.5 0.2 6

C.V. = 3.9 2.1

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Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.85 GMO; \$8.85 non-GMO

TEST COMMENTS: John said that soybeans in the area did relatively well for yields (mid-60s bu/acre) this year. His farm had excellent uniform seedling emergence. Plants stood robust at 36-42 inches tall. Some lodging was recorded, but nothing major. Seed quality was very good at medium-large size.

† See last page for abbreviation descriptions. Results in **bold** are significantly above test average by LSD (0.10). **ns** = column values not significantly different.

Additional reports available at www.firstseedtests.com

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Report Date: 10/27/2015 Revised:

2015 Soybean - Illinois South [ILSO]

All-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
AgVenture	VPMmaxx 38H4RR^	RR	3.80	R	EE	Steyer	4402R2	RR2Y	4.40	MR	CMBV
AgVenture	VPMmaxx 41B1RR^	RR	4.10	R	CCB	Stine	38RE02 §	RR2Y	3.80	R	Sfi
AgVenture	VPMmaxx 45Z9RR^	RR	4.50	R	CCB	Stine	41RH22 §	RR2Y	4.10	R	Sfi
Asgrow	AG3936 §	RR2Y	3.90	R	ACi	Stine	47RC32 §	RR2Y	4.70	R	Sfi
Asgrow	AG4135 §	RR2Y,ST	4.10	R	ACi	Stone	2R3906	RR2Y	3.90	R	ACi
Asgrow	AG4336 §	RR2Y	4.30	R	ACi	Stone	2R4003	RR2Y	4.00	MR	ACi
Dairyland	DSR-4490/R2Y	RR2Y	4.40	MR	CMB	Stone	2R4204	RR2Y	4.20	R	ACi
Dairyland	DSR-4633/R2Y	RR2Y	4.50	R	CMB	Stone	2R4302	RR2Y	4.30	R	ACi
Dyna-Gro	39RY43	RR2Y	4.30	R	CCB	Stone	2R4516	RR2Y	4.50	MR	ACi
Dyna-Gro	S39RY65	RR2Y	3.90	R	CCB						
Dyna-Gro	S42RY46	RR2Y	4.20	R	CCB						
FS HiSOY	HS 38A50	RR2Y	3.80	R	CCB						
FS HiSOY	HS 40A50	RR2Y	4.00	R	CCB						
FS HiSOY	HS 41A50	RR2Y,ST	4.10	R	CCB						
FS HiSOY	HS 42A50	RR2Y	4.20	R	CCB						
FS HiSOY	HS 43A42	RR2Y	4.30	R	CCB						
FS HiSOY	HS 45A42	RR2Y	4.50	R	CCB						
FS HiSOY	HS 45A50	RR2Y	4.50	R	AC						
FS HiSOY	HS 46A50	RR2Y	4.60	R	CCB						
Great Heart	GT-403CR2	RR2Y	4.00	R	Gr						
Great Heart	GT-435CR2	RR2Y	4.30	R	Gr						
LG Seeds	C3915R2	RR2Y	3.80	R	AC,PV						
LG Seeds	C4221R2	RR,ST	4.20	R	AC,PV						
LG Seeds	C4322R2	RR2Y	4.30	R	AC,PV						
NK Brand	S39-C4 §	RR2Y	3.90	R	CCB						
NK Brand	S39-U2 §	RR2Y	3.90	R	CCB						
NK Brand	S45-R7 §	RR2Y,ST	4.50	R	CCB						
Pfister	38R25	RR2Y	3.80	R	CCB						
Pfister	39R201	RR2Y	3.90	R	CCB						
Pfister	39R29	RR2Y	3.90	R	CCB						
Pfister	41RS01	RR2Y,ST	4.10	R	CCB						
Pfister	43R201	RR2Y	4.30	R	CCB						
Pfister	43R29	RR2Y	4.30	R	CCB						
Pfister	45R23	RR2Y	4.50	R	CCB						
Pfister	47R22	RR2Y,ST	4.70	R	CCB						
Pioneer	P39T67R §	RR	3.90	R	None						
Pioneer	P44T63R §	RR	4.40	R	None						
Pioneer	P48T53R §	RR	4.80	R	None						
Seed Consultants	SCS 9356R2^	RR2Y	3.50	MR	EE						
Seed Consultants	SCS 9363RR^	RR	3.60	MR	TT						
Seed Consultants	SCS 9385RR^	RR	3.80	MR	TT						
Seed Consultants	SCS 9412RR^	RR	4.10	MR	TT						
Steyer	3903R2	RR2Y	3.90	MR	CMBV						
Steyer	4003R2	RR2Y	4.00	MR	CMBV						
Steyer	4203R2	RR2Y,ST	4.20	MR	CMBV						

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doebler's 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
RR	Roundup Ready® Soybeans
RR2Y	Genuity® Roundup Ready 2 Yield®
ST	Sulfonylurea herbicide tolerant

Soybean Cyst Nematode (SCN) Resistance Rating

S	susceptible
MR	moderate resistance
R	resistant
?	info unavailable

Soybean Seed Treatments*

?	Information not provided	En	Encase®
AC	Acceleron® fungicide products	G	Gaucho®
ACi	Acceleron® fungicide and insecticide products	Gr	Great Start™ Max
AV	Avicta®	IL	ILeVO®
AVB	Avicta® Complete Beans	IS	Intego™ Suite
C	Cruiser®	None	untreated
CC	Curry® Coat	PS	MAS ProShield™ QV
CCB	Clariva™ Complete Beans	PV	Poncho®/Votivo®
CI	Clariva™ pn	Ri	Rizolex™
CMB	CruiserMaxx® Beans	Sfi	Stine fungicide & insecticide products
CMBV	CruiserMaxx® Beans with Vibrance	SS+	Soyshield Plus™
DPHB	DPH Boost®	T	Trilex®
DST	Dominance™ ST	TE	Trius Elite
Ec	Eclipse™ IM	TT	Turbo Treat™
EE	Evergol™ Energy	WCX	Warden® CX

* Seed treatments may include unspecified plant health promoting components.