

2014 Soybean Top 30 Harvest Report

Illinois South [ILSO] BELLEVILLE
 John (Don) Barttelbort, St. Clair County, IL 62224



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

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: Touchdown, Synchrony, Touchdown
 SEEDED - RATE - ROW: May 30 140,000 /A 30" Spacing
 HARVESTED - STAND: Nov 10 103,900 /A

All-Season Test
3.8 - 4.7 Day RM
 S2014ILSO24

Top 30 of 60
 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	AG4232 §	RR2Y,ST	4.20	R	ACi	70.0	11.5	4	110.4	\$722
Steyer	4303R2	RR2Y,ST	4.30	MR	CMBV	69.6	11.6	7	130.7	\$718
FS Hisoy	HS 45A12	RR2Y	4.50	R	CMBV	68.9	11.4	4	110.4	\$710
FS Hisoy	HS 45A42	RR2Y	4.50	R	CMBV	68.9	11.5	14	119.1	\$710
Dairyland	DSR-4490/R2Y	RR2Y	4.40	MR	CMB	68.4	11.5	7	122.0	\$705
Asgrow	AG4034 §	RR2Y	4.00	MR	ACi	67.9	11.4	0	92.9	\$700
LG Seeds	C4322R2	RR2Y	4.30	R	AC,PV	67.9	11.0	4	104.5	\$700
Asgrow	AG3832 §	RR2Y	3.80	R	ACi	67.7	11.1	0	101.6	\$698
NuTech/G2 Gen	7436R2^	RR2Y	4.30	R	EE,G	67.6	11.7	0	98.7	\$697
Steyer	4602R2	RR2Y	4.60	MR	CMBV	67.6	11.4	7	113.3	\$697
Dyna-Gro	31RY45	RR2Y	4.50	R	CMBV	67.3	11.5	13	130.7	\$694
Stone	2R4204	RR2Y	4.20	R	ACi	66.7	11.4	11	95.8	\$688
Dairyland	DSR-4330/R2Y	RR2Y	4.30	R	CMB	66.4	11.6	2	90.0	\$685
FS Hisoy	HS 42A12	RR2Y	4.20	R	CMBV	66.1	11.1	0	101.6	\$681
Great Heart	GT-403CR2	RR2Y	4.00	R	CMB	66.1	11.3	0	110.4	\$681
NuTech/G2 Gen	7384^	RR	3.80	R	EE,G	66.1	10.9	6	72.6	\$681
Dyna-Gro	39RY43	RR2Y	4.30	R	CMBV	65.9	11.1	0	98.7	\$679
Stone	2R4302	RR2Y	4.30	R	ACi	65.9	11.1	0	95.8	\$679
LG Seeds	C3989R2	RR2Y	3.90	R	AC,PV	65.8	11.1	5	107.4	\$678
FS Hisoy	HS 43A42	RR2Y	4.30	R	ACi	65.8	11.1	6	110.4	\$678
Seed Consultants	SCS 9435R2^	RR2Y	4.30	R	EE,G	65.7	11.4	0	119.1	\$677
Great Heart	GT-427CR2	RR2Y	4.20	R	CMB	65.2	11.1	0	87.1	\$672
Pfister	43R29	RR2Y	4.30	R	CCB	65.2	11.2	0	78.4	\$672
LG Seeds	C4010R2	RR2Y	4.00	R	AC,PV	64.7	11.3	0	116.2	\$667
FS Hisoy	HS 47A42	RR2Y,ST	4.70	R	CMBV	64.7	11.7	0	104.5	\$667
Channel	4306R2/STS	RR2Y,ST	4.30	R	ACi	64.4	11.4	0	116.2	\$664
FS Hisoy	HS 39A42	RR2Y	3.90	R	ACi	64.3	11.2	0	92.9	\$663
Pfister	39R29	RR2Y	3.90	R	CCB	64.3	11.3	0	95.8	\$663
NuTech/G2 Gen	7465^	RR	4.60	R	EE,G	64.3	11.1	2	92.9	\$663
Dairyland	DST40-001/R2Y	RR2Y	4.00	R	CMB	64.3	11.3	2	107.5	\$663

Test Average = **63.5** **11.3** **5** **103.9** **\$655**
 LSD (0.10) = 4.6 0.3 9
 LSD (0.25) = 3.2 0.2 6
 C.V. = 5.4 1.8

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Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Price = \$10.31 GMO / \$10.31 Non-GMO

TEST COMMENTS: *Test was planted in a good no-till seedbed. At harvest, there were no signs of diseases, but all varieties without seed treatment yielded the poorest at this site. Some varieties did lodge, but most stood well. Lower side branching was fairly common. Seed set was awesome and very uniform from bottom to top on most plants. Seed quality was great. Robust plant heights ranged from 48-60 inches.*

† 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: 11/10/2014 Revised:

2014 Soybean - Illinois South [ILSO]



All-Season Test Products (60 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed	Trt
Asgrow	AG3832 §	RR2Y	3.80	R	ACi	
Asgrow	AG4034 §	RR2Y	4.00	MR	ACi	
Asgrow	AG4232 §	RR2Y,ST	4.20	R	ACi	
Channel	4107R2 GC	RR2Y	4.10	R	ACi	
Channel	4306R2/STS	RR2Y,ST	4.30	R	ACi	
Channel	4508R2/SR	RR2Y,ST	4.50	R	ACi	
Dairyland	DSR-4330/R2Y	RR2Y	4.30	R	CMB	
Dairyland	DSR-4490/R2Y	RR2Y	4.40	MR	CMB	
Dairyland	DSR-4633/R2Y	RR2Y	4.60	R	CMB	
Dairyland	DSR-4850/R2Y	RR2Y,ST	4.80	R	CMB	
Dairyland	DST40-001/R2Y	RR2Y	4.00	R	CMB	
Dyna-Gro	31RY45	RR2Y	4.50	R	CMBV	
Dyna-Gro	39RY43	RR2Y	4.30	R	CMBV	
Dyna-Gro	S39RY65	RR2Y	3.90	R	CMBV	
FS Hisoy	HS 39A22	RR2Y	3.90	R	CMBV	
FS Hisoy	HS 39A42	RR2Y	3.90	R	ACi	
FS Hisoy	HS 42A12	RR2Y	4.20	R	CMBV	
FS Hisoy	HS 43A42	RR2Y	4.30	R	ACi	
FS Hisoy	HS 45A12	RR2Y	4.50	R	CMBV	
FS Hisoy	HS 45A42	RR2Y	4.50	R	CMBV	
FS Hisoy	HS 47A42	RR2Y,ST	4.70	R	CMBV	
FS Hisoy	HS 48A22	RR2Y,ST	4.80	R	CMBV	
Great Heart	GT-385CR2 GC	RR2Y	3.80	R	CMB	
Great Heart	GT-403CR2	RR2Y	4.00	R	CMB	
Great Heart	GT-427CR2	RR2Y	4.20	R	CMB	
LG Seeds	C3989R2	RR2Y	3.90	R	AC,PV	
LG Seeds	C4010R2	RR2Y	4.00	R	AC,PV	
LG Seeds	C4322R2	RR2Y	4.30	R	AC,PV	
NK Brand	S38-W4 §	RR2Y	3.80	R	CCB	
NK Brand	S39-U2 §	RR2Y	3.90	R	CCB	
NK Brand	S45-V8 §	RR2Y	4.50	R	CCB	
NuTech/G2 Gen	7384^	RR	3.80	R	EE,G	
NuTech/G2 Gen	7407^	RR	4.00	R	EE,G	
NuTech/G2 Gen	7414^	RR	4.10	R	EE,G	
NuTech/G2 Gen	7436R2^	RR2Y	4.30	R	EE,G	
NuTech/G2 Gen	7465^	RR	4.60	R	EE,G	
Pfister	38R28	RR2Y	3.80	R	CCB	
Pfister	39R29	RR2Y	3.90	R	CCB	
Pfister	43R29	RR2Y	4.30	R	CCB	
Pfister	45R22	RR2Y	4.50	R	CCB	
Pfister	47R22	RR2Y,ST	4.70	R	CCB	
Pioneer	94Y50 §	RR	4.50	R	None	
Pioneer	94Y70 §	RR	4.70	R	None	
Pioneer	P39T67R §	RR	3.90	R	EE,G	
Seed Consultants	SCS 9393RR^	RR	3.90	R	EE,G	
Seed Consultants	SCS 9434RR^	RR	4.30	R	EE,G	
Seed Consultants	SCS 9435R2^	RR2Y	4.30	R	EE,G	
Seed Consultants	SCS 9443RR^	RR	4.40	R	EE,G	
Steyer	3804R2	RR2Y	3.80	MR	CMB	
Steyer	3903R2	RR2Y	3.90	MR	CCB	
Steyer	4003R2	RR2Y	4.00	MR	CMB	
Steyer	4303R2	RR2Y,ST	4.30	MR	CMBV	
Steyer	4602R2	RR2Y	4.60	MR	CMBV	
Stine	38RE02 §	RR2Y	3.80	R	None	
Stine	42RD02 §	RR2Y,ST	4.20	R	None	
Stine	47RC32 §	RR2Y	4.70	R	None	
Stone	2R3904	RR2Y	3.90	R	ACi	
Stone	2R4003	RR2Y	4.00	MR	ACi	
Stone	2R4204	RR2Y	4.20	R	ACi	
Stone	2R4302	RR2Y	4.30	R	ACi	

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. HPT® brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMMaxx® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed are distributed by Beck's Superior Hybrids, Inc. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMMaxx® and XL® are registered trademarks of DuPont Pioneer. Phoenix® is a trademark of a
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
n/a	info unavailable

Soybean Seed Treatments*

?	Information not provided	DST	Dominance ST
A	Allegiance®	EE	Evergol™ Energy
AC	Accelaron® fungicide products	G	Gaicho®
ACi	Accelaron® fungicide and insecticide products	I	Inovate™ System
AM	ApronMaxx®	M	Maxim®
AP	Apron XL®	None	untreated
AVB	Avicta® Complete Beans	PS	ProShield™ (Mid-Atlantic Seed)
C	Cruiser®	PV	Poncho®/Votivo®
CCB	Clariva Complete Beans	SS+	Soyshield Plus™
CMB	CruiserMaxx® Beans	T	Trilex®
CMBV	CruiserMaxx® Beans with Vibrance		

* Seed treatments may include unspecified plant health promoting components.