

2014 Soybean Top 30 Harvest Report

Illinois South [ILSO] GREENVILLE
Shad Kleiner, Bond County, IL 62246



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

PREV. CROP/HERB: Corn fb rye / Lexar, Roundup, Gramoxone, Sonic, Roundup
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, low SCN
TILLAGE/CULTIVATION: No-till
PEST MANAGEMENT: Parazone, Sonic, Select, Ultra Blazer
SEEDED - RATE - ROW: May 26 140,000 /A 30" Spacing
HARVESTED - STAND: Nov 3 109,100 /A

All-Season Test
3.8 - 4.7 Day RM
S2014ILSO21

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
FS Hisoy	HS 42A12	RR2Y	4.20	R	CMBV	55.9	12.4	0	95.8	\$576
Seed Consultants	SCS 9435R2^	RR2Y	4.30	R	EE,G	55.8	11.2	0	101.6	\$575
LG Seeds	C4322R2	RR2Y	4.30	R	AC,PV	51.8	11.1	0	107.5	\$534
NuTech/G2 Gen	7436R2^	RR2Y	4.30	R	EE,G	51.6	11.2	0	130.7	\$532
Steyer	4003R2	RR2Y	4.00	MR	CMB	49.9	11.7	0	122.0	\$514
FS Hisoy	HS 39A42	RR2Y	3.90	R	ACi	49.7	11.0	0	113.2	\$512
FS Hisoy	HS 43A42	RR2Y	4.30	R	ACi	49.6	11.3	0	122.0	\$511
Stone	2R4204	RR2Y	4.20	R	ACi	48.2	11.1	0	110.4	\$497
Channel	4107R2 GC	RR2Y	4.10	R	ACi	48.1	11.4	1	127.8	\$496
Dyna-Gro	39RY43	RR2Y	4.30	R	CMBV	47.9	11.2	0	101.6	\$494
Great Heart	GT-427CR2	RR2Y	4.20	R	CMB	47.4	11.0	0	113.3	\$489
Asgrow	AG3832 §	RR2Y	3.80	R	ACi	47.3	11.3	0	110.3	\$488
FS Hisoy	HS 45A12	RR2Y	4.50	R	CMBV	46.9	11.8	0	119.1	\$484
Dairyland	DSR-4490/R2Y	RR2Y	4.40	MR	CMB	46.8	11.0	0	107.5	\$483
NuTech/G2 Gen	7384^	RR	3.80	R	EE,G	46.6	10.6	0	104.6	\$480
NK Brand	S45-V8 §	RR2Y	4.50	R	CCB	45.9	11.1	0	110.4	\$473
Stone	2R4302	RR2Y	4.30	R	ACi	45.6	10.7	0	116.2	\$470
Channel	4508R2/SR	RR2Y,ST	4.50	R	ACi	45.5	10.9	0	116.2	\$469
LG Seeds	C4010R2	RR2Y	4.00	R	AC,PV	45.5	11.0	0	107.5	\$469
Great Heart	GT-385CR2 GC	RR2Y	3.80	R	CMB	45.4	11.4	0	101.6	\$468
Dairyland	DSR-4330/R2Y	RR2Y	4.30	R	CMB	45.4	11.7	0	110.4	\$468
FS Hisoy	HS 48A22	RR2Y,ST	4.80	R	CMBV	45.1	11.4	3	107.5	\$465
Stone	2R3904	RR2Y	3.90	R	ACi	44.6	11.5	0	95.8	\$460
Stine	38RE02 §	RR2Y	3.80	R	None	44.3	10.8	0	113.2	\$457
NK Brand	S39-U2 §	RR2Y	3.90	R	CCB	44.1	11.2	0	107.4	\$455
Asgrow	AG4034 §	RR2Y	4.00	MR	ACi	43.6	11.1	0	110.4	\$450
Great Heart	GT-403CR2	RR2Y	4.00	R	CMB	43.6	11.1	0	101.6	\$450
NK Brand	S38-W4 §	RR2Y	3.80	R	CCB	42.5	11.1	4	113.3	\$438
Pfister	39R29	RR2Y	3.90	R	CCB	42.3	10.7	0	87.1	\$436
Pfister	43R29	RR2Y	4.30	R	CCB	42.1	11.1	0	107.5	\$434

Test Average = **41.1** **11.1** **0** **109.1** **\$424**
LSD (0.10) = 9.8 0.7 2
LSD (0.25) = 6.8 0.5 1
C.V. = 17.6 4.6

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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: *This site was planted in marginally wet soil conditions in late May. Abundant rains followed along with moderate temps creating an opportunity for disease. At harvest, sudden death syndrome symptoms were evident. Premature plant death of select varieties or simply poor pod development on the entire plant was seen. Yields were variable as the disease was inconsistent across the test.*

† 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: 11/3/2014 Revised:

2014 Soybean - Illinois South [ILSO]



All-Season Test Products (60 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed	Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed	Trt
Asgrow	AG3832 §	RR2Y	3.80	R	ACi		Seed Consultants	SCS 9434RR^	RR	4.30	R	EE,G	
Asgrow	AG4034 §	RR2Y	4.00	MR	ACi		Seed Consultants	SCS 9435R2^	RR2Y	4.30	R	EE,G	
Asgrow	AG4232 §	RR2Y,ST	4.20	R	ACi		Seed Consultants	SCS 9443RR^	RR	4.40	R	EE,G	
Channel	4107R2 GC	RR2Y	4.10	R	ACi		Steyer	3804R2	RR2Y	3.80	MR	CMB	
Channel	4306R2/STS	RR2Y,ST	4.30	R	ACi		Steyer	3903R2	RR2Y	3.90	MR	CCB	
Channel	4508R2/SR	RR2Y,ST	4.50	R	ACi		Steyer	4003R2	RR2Y	4.00	MR	CMB	
Dairyland	DSR-4330/R2Y	RR2Y	4.30	R	CMB		Steyer	4303R2	RR2Y,ST	4.30	MR	CMBV	
Dairyland	DSR-4490/R2Y	RR2Y	4.40	MR	CMB		Steyer	4602R2	RR2Y	4.60	MR	CMBV	
Dairyland	DSR-4633/R2Y	RR2Y	4.60	R	CMB		Stine	38RE02 §	RR2Y	3.80	R	None	
Dairyland	DSR-4850/R2Y	RR2Y,ST	4.80	R	CMB		Stine	42RD02 §	RR2Y,ST	4.20	R	None	
Dairyland	DST40-001/R2Y	RR2Y	4.00	R	CMB		Stine	47RC32 §	RR2Y	4.70	R	None	
Dyna-Gro	31RY45	RR2Y	4.50	R	CMBV		Stone	2R3904	RR2Y	3.90	R	ACi	
Dyna-Gro	39RY43	RR2Y	4.30	R	CMBV		Stone	2R4003	RR2Y	4.00	MR	ACi	
Dyna-Gro	S39RY65	RR2Y	3.90	R	CMBV		Stone	2R4204	RR2Y	4.20	R	ACi	
FS Hisoy	HS 39A22	RR2Y	3.90	R	CMBV		Stone	2R4302	RR2Y	4.30	R	ACi	
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								

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. VPMmax® 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®, VPMmax® 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	Acceleron® fungicide products	G	Gaicho®
ACi	Acceleron® 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.