

2014 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 / Princep, Roundup, Radar, Roundup, Hornet
SOIL DESCRIPTION: Cisne clay loam, poor drained, non-irrigated
SOIL CONDITIONS: Mod. High P, mod. high K, 7.5 pH, 1.9 % OM, high SCN
TILLAGE/CULTIVATION: No-till
PEST MANAGEMENT: Autumn Supreme, Roundup, Radar, Roundup, E-99, Me-too-Ichlor II, Roundup, Roundup
SEEDED - RATE - ROW: May 29 140,000 /A 30" Spacing
HARVESTED - STAND: Nov 12 95,400 /A

All-Season Test

3.8 - 4.7 Day RM
S2014ILSO22

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
Great Heart	GT-427CR2	RR2Y	4.20	R	CMB	59.7	10.5	0	116.2	\$616
LG Seeds	C4322R2	RR2Y	4.30	R	AC,PV	59.4	10.4	1	95.8	\$612
Pfister	43R29	RR2Y	4.30	R	CCB	59.0	10.6	0	87.1	\$608
FS Hisoy	HS 43A42	RR2Y	4.30	R	ACi	59.0	10.4	3	110.4	\$608
Seed Consultants	SCS 9393RR^	RR	3.90	R	EE,G	58.6	10.3	0	92.9	\$604
FS Hisoy	HS 48A22	RR2Y,ST	4.80	R	CMBV	58.2	10.9	11	90.0	\$600
Stone	2R4302	RR2Y	4.30	R	ACi	58.1	10.7	0	101.6	\$599
Steyer	4303R2	RR2Y,ST	4.30	MR	CMBV	58.0	10.6	14	82.7	\$598
NuTech/G2 Gen	7436R2^	RR2Y	4.30	R	EE,G	57.3	10.6	0	116.2	\$591
Channel	4107R2 GC	RR2Y	4.10	R	ACi	57.0	10.5	2	95.8	\$588
FS Hisoy	HS 47A42	RR2Y,ST	4.70	R	CMBV	56.9	11.0	0	119.1	\$587
Seed Consultants	SCS 9434RR^	RR	4.30	R	EE,G	56.9	10.7	9	95.8	\$587
Steyer	3903R2	RR2Y	3.90	MR	CCB	56.8	10.4	0	95.8	\$586
Pfister	47R22	RR2Y,ST	4.70	R	CCB	56.5	10.9	0	95.8	\$583
Dairyland	DSR-4850/R2Y	RR2Y,ST	4.80	R	CMB	56.5	10.9	1	104.5	\$583
FS Hisoy	HS 45A42	RR2Y	4.50	R	CMBV	56.5	10.6	3	101.6	\$583
NuTech/G2 Gen	7407^	RR	4.00	R	EE,G	56.2	10.2	0	81.3	\$579
Pioneer	94Y70 §	RR	4.70	R	None	56.1	10.6	0	104.5	\$578
Dairyland	DSR-4330/R2Y	RR2Y	4.30	R	CMB	55.9	10.8	0	107.4	\$576
NuTech/G2 Gen	7384^	RR	3.80	R	EE,G	55.8	10.1	0	107.5	\$575
Channel	4508R2/SR	RR2Y,ST	4.50	R	ACi	55.4	10.7	0	84.2	\$571
FS Hisoy	HS 45A12	RR2Y	4.50	R	CMBV	55.4	10.9	1	101.6	\$571
Seed Consultants	SCS 9435R2^	RR2Y	4.30	R	EE,G	55.0	10.5	0	90.0	\$567
Dairyland	DSR-4490/R2Y	RR2Y	4.40	MR	CMB	55.0	10.6	2	87.1	\$567
Seed Consultants	SCS 9443RR^	RR	4.40	R	EE,G	54.8	10.6	0	87.1	\$565
NuTech/G2 Gen	7465^	RR	4.60	R	EE,G	54.6	10.4	0	104.5	\$563
Stone	2R4003	RR2Y	4.00	MR	ACi	54.5	10.2	0	101.6	\$562
Asgrow	AG4232 §	RR2Y,ST	4.20	R	ACi	54.4	10.9	3	110.4	\$561
Pioneer	94Y50 §	RR	4.50	R	None	54.3	10.2	0	94.4	\$560
NuTech/G2 Gen	7414^	RR	4.10	R	EE,G	54.2	10.1	0	87.1	\$559

Test Average = **52.5** **10.5** **1** **95.4** **\$542**

LSD (0.10) = 4.6 0.3 3

LSD (0.25) = 3.2 0.2 2

C.V. = 6.5 2.1

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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: *These soybeans were planted into a wet, stale seedbed which continued to receive abundant rains throughout the season. These conditions were conducive for seed treated varieties to attain high yields in this test. Plants were compact with heights from 24 to 30 inches. Pod sets were numerous, but they began right at the ground level. Seed quality was also quite 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: 11/13/2014 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	Gaucha®
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.