

2013 Soybean Top 30 Harvest Report

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



PREV. CROP/HERB: Corn / Harness Xtra, Roundup
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, Keystone, Metolchlor II, Roundup, Roundup
SEEDED - RATE - ROW: May 30 125,000 /A 30" Spacing
HARVESTED - STAND: Nov 8 62,700 /A

All-Season Test
3.8 - 4.7 Day CRM
S2013ILSO22

Top 30 of 60

Sorted for 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,STS	4.2	R	ACi	49.1	15.2	0	104.5	\$636
Stone	2R4604STS	RR2Y,STS	4.6	R	ACi	47.4	15.3	0	72.6	\$614
Stone	2R4903STS	RR2Y,STS	4.9	R	ACi	45.3	15.9	0	72.6	\$586
LG Seeds	C4411R2	RR2Y	4.4	R	AC,PV	44.4	15.9	0	95.8	\$575
FS Hisoy	HS 47A32	RR2Y,STS	4.7	R	CMB	43.6	15.9	0	69.7	\$564
FS Hisoy	HS 42A12	RR2Y	4.2	R	CMB	42.1	15.0	0	92.9	\$546
Channel	4705R2/STS	RR2Y,STS	4.7	R	ACi	41.7	15.8	0	55.2	\$540
Channel	4500R2/STS	RR2Y,STS	4.5	S	ACi	41.1	15.5	0	61.0	\$532
Asgrow	AG4033 GC	RR2Y	4.0	R	ACi	40.9	14.6	0	72.6	\$530
FS Hisoy	HS 45A12	RR2Y	4.5	R	CMB	40.9	15.7	0	92.9	\$529
Dyna-Gro	39RY43	RR2Y	4.3	R	ACi	40.6	15.3	0	78.4	\$526
FS Hisoy	HS 44A22	RR2Y,STS	4.4	R	CMB	40.0	15.3	0	58.1	\$518
Pioneer	94Y70 §	RR	4.7	R	None	40.0	15.6	0	75.5	\$518
Seed Consultants	SCS 9474RR	RR	4.7	R	EE,G	39.9	15.2	0	84.2	\$517
Dairyland	DSR-4850/R2Y	RR2Y	4.8	R	CMB,O	39.3	16.2	0	75.5	\$508
Seed Consultants	SCS 9393RR	RR	3.9	R	EE,G	39.1	14.7	0	95.8	\$507
Steyer	4501R2	RR2Y,STS	4.5	S	SStd	39.0	15.8	0	43.6	\$505
NK Brand	S39-U2 §	RR2Y	3.9	R	CMBV	38.6	15.1	3	87.1	\$500
Dairyland	DSR-4010/R2Y	RR2Y	4.0	MR	CMB,O	38.5	14.9	0	66.8	\$499
Stone	2R4302	RR2Y	4.3	R	ACi	38.1	15.1	0	69.7	\$494
Dyna-Gro	31RY45	RR2Y	4.5	R	ACi	37.9	15.2	0	49.4	\$491
Steyer	4203R2	RR2Y	4.2	MR	SStd	37.7	15.0	0	66.8	\$489
Seed Consultants	SCS 9412RR	RR	4.1	R	EE,G	37.3	14.4	0	72.6	\$484
LG Seeds	C4544R2	RR2Y	4.5	R	AC,PV	37.0	15.4	0	49.4	\$479
Stone	2R4204	RR2Y	4.2	R	ACi	36.9	14.9	0	52.3	\$478
Dairyland	DSR-4633/R2Y	RR2Y	4.5	R	CMB,O	36.0	15.2	0	52.3	\$466
Pioneer	94Y50 §	RR	4.5	R	None	35.0	15.6	0	40.7	\$453
NuTech/G2 Gen	7380^	RR	3.8	R	SCE	34.9	14.6	0	66.8	\$453
Pfister	43R29	RR2Y	4.3	R	CMB	34.9	14.9	0	55.2	\$452
NK Brand	S46-G9 §	RR2Y	4.6	R	CMBV	33.9	15.4	0	69.7	\$439

Test Average = **33.6** **15.1** **0** **62.7** **\$436**

Eric Beyers

LSD (0.10) = 7.2 0.5 ns

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C.V. = 15.9 2.4

Yield & Income Factors Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Price = \$13.00 Local GMO
\$14.30 Non-GMO

TEST COMMENTS: This site received a very cold 4+ inch rain immediately after planting. The combination of cold rain and soil pathogens heavily reduced stands. These early season conditions stunted soybean plants, even in plots with good stands. Overall, plant height ranged from 12 to 36 inches. Grain quality and size varied greatly. Results rejected due to excessive water, stand loss and associated yield loss.

† See last page for additional information. Results in **bold** are significantly above the test average. **CK** = check and **GC** = grower comparison products, **§** = United Soybean Board entry; **ns** = not significantly different.

Additional reports and searchable database available at www.firstseedtests.com

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Report date: 11/10/2013 Revised:

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	3.8	R	ACi	Seed Consultants	SCS 9434RR	RR	4.3	R	EE,G
Asgrow	AG3934 §	RR2Y	3.9	S	ACi	Seed Consultants	SCS 9443RR	RR	4.4	R	EE,G
Asgrow	AG4033 GC	RR2Y	4.0	R	ACi	Seed Consultants	SCS 9474RR	RR	4.7	R	EE,G
Asgrow	AG4232 §	RR2Y,STS	4.2	R	ACi	Steyer	3803R2	RR2Y	3.8	MR	SStd
Channel	4306R2/STS	RR2Y,STS	4.3	R	ACi	Steyer	4203R2	RR2Y	4.2	MR	SStd
Channel	4500R2/STS	RR2Y,STS	4.5	S	ACi	Steyer	4401R2	RR2Y,STS	4.4	MR	SStd
Channel	4705R2/STS	RR2Y,STS	4.7	R	ACi	Steyer	4501R2	RR2Y,STS	4.5	S	SStd
Dairyland	DSR-4010/R2Y	RR2Y	4.0	MR	CMB,O	Steyer	4701R2	RR2Y	4.7	MR	SStd
Dairyland	DSR-4330/R2Y	RR2Y	4.3	R	CMB,O	Stine	38RD02 §	RR2Y	3.8	R	CMB
Dairyland	DSR-4633/R2Y	RR2Y	4.5	R	CMB,O	Stine	40RC32 §	RR2Y	4.0	R	CMB
Dairyland	DSR-4850/R2Y	RR2Y	4.8	R	CMB,O	Stone	2R4003	RR2Y	4.0	R	ACi
Dyna-Gro	31RY45	RR2Y	4.5	R	ACi	Stone	2R4204	RR2Y	4.2	R	ACi
Dyna-Gro	39RY43	RR2Y	4.3	R	ACi	Stone	2R4302	RR2Y	4.3	R	ACi
Dyna-Gro	S39RY33	RR2Y	3.9	R	ACi	Stone	2R4604STS	RR2Y,STS	4.6	R	ACi
FS Hisoy	HS 38A32	RR2Y	3.8	R	CMB	Stone	2R4903STS	RR2Y,STS	4.9	R	ACi
FS Hisoy	HS 39A22	RR2Y	3.9	R	CMB						
FS Hisoy	HS 40A32	RR2Y	4.0	R	CMB						
FS Hisoy	HS 42A12	RR2Y	4.2	R	CMB						
FS Hisoy	HS 43A32	RR2Y	4.3	R	CMB						
FS Hisoy	HS 44A22	RR2Y,STS	4.4	R	CMB						
FS Hisoy	HS 45A12	RR2Y	4.5	R	CMB						
FS Hisoy	HS 47A32	RR2Y,STS	4.7	R	CMB						
Great Heart	GT-427CR2	RR2Y	4.2	R	AP						
Great Heart	GT-431CR2	RR2Y	4.3	R	None						
LG Seeds	C3989R2	RR2Y	3.8	R	AC,PV						
LG Seeds	C4411R2	RR2Y	4.4	R	AC,PV						
LG Seeds	C4544R2	RR2Y	4.5	R	AC,PV						
NK Brand	S39-U2 §	RR2Y	3.9	R	CMBV						
NK Brand	S45-V8 §	RR2Y	4.5	R	CMBV						
NK Brand	S46-G9 §	RR2Y	4.6	R	CMBV						
NuTech/G2 Gen	7380^	RR	3.8	R	SCE						
NuTech/G2 Gen	7393^	RR	3.9	R	SCE						
NuTech/G2 Gen	7414^	RR	4.1	R	SCE						
NuTech/G2 Gen	7420^	RR	4.2	R	SCE						
Pfister	38R25	RR2Y	3.8	R	CMB						
Pfister	43R29	RR2Y	4.3	R	CMB						
Pioneer	93Y92 §	RR	3.9	R	None						
Pioneer	94Y23 §	RR	4.2	R	None						
Pioneer	94Y50 §	RR	4.5	R	None						
Pioneer	94Y70 §	RR	4.7	R	None						
Seed Consultants	SCS 9373RR	RR	3.8	R	EE,G						
Seed Consultants	SCS 9392RR	RR	3.9	R	EE,G						
Seed Consultants	SCS 9393RR	RR	3.9	R	EE,G						
Seed Consultants	SCS 9412RR	RR	4.1	R	EE,G						
Seed Consultants	SCS 9421RR	RR,STS	4.2	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. VPMaxx® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® 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 F.I.R.S.T. when space permits.
§	United Soybean Board sponsored entry

Soybean Technologies

None	Conventional, non-GMO
LL	LibertyLink®
RR	Roundup Ready® Soybeans
RR2Y	Genuity® Roundup Ready 2 Yield®
STS	STS® - sulfonyleurea tolerant soybeans

Soybean Cyst Nematode (SCN) Resistance Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

Soybean Seed Treatments*

?	Information not provided	Ex	Excalibre™
A	Allegiance®	G	Gaucho®
AC	Acceleron® fungicide products	I	Inovate™ System
ACi	Acceleron® fungicide and insecticide products	None	untreated
AM	ApronMaxx®	O	Optimize®
AP	Apron XL®	PV	Poncho®/Votivo®
AVB	Avicta® Complete Beans	RS	Right Stand™
C	Cruiser®	SCE	SmartCote™ Extra
CC	CurryCoat™	SDPI	Servo DPI
CMB	CruiserMaxx® Beans	SS+	Soyshield Plus™
CMBV	CruiserMaxx® Beans with Vibrance	SStd	SureStand™
DPHB	DPH Boost™	T	Trilex®
EE	Evergol™ Energy		

* Seed treatments may include unspecified plant health promoting components.