

2013 Soybean Top 30 Harvest Report

Illinois South Central [ILSC] FORSYTH
Jim Cullison, Macon County, IL 61913



PREV. CROP/HERB: Corn / Lexar, Touchdown
SOIL DESCRIPTION: Dana silty clay loam, mod. well drained, non-irrigated
SOIL CONDITIONS: Mod. High P, mod. high K, 6.6 pH, 3.5% OM, low SCN
TILLAGE/CULTIVATION: Minimum w/ fall till
PEST MANAGEMENT: Boundary, Touchdown, Touchdown
SEEDED - RATE - ROW: Jun 6 139,000 /A 30" Spacing
HARVESTED - STAND: Oct 19 123,600 /A

All-Season Test
3.3 - 4.3 Day CRM
S2013ILSC11

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
LG Seeds	C3989R2	RR2Y	3.8	R	AC,PV	63.3	14.3	0	122.0	\$821
NK Brand	S39-U2 §	RR2Y	3.9	R	CMBV	62.4	14.5	0	139.4	\$809
Stone	2R4003	RR2Y	4.0	R	ACi	62.0	14.1	0	133.6	\$805
Asgrow	AG4232 §	RR2Y,STS	4.2	R	ACi	61.8	15.3	0	133.6	\$801
Lewis	414R2	RR2Y	4.1	MR	ACi	61.0	14.5	0	116.2	\$791
Stine	37RC82 §	RR2Y	3.7	R	CMB	60.8	14.4	0	133.6	\$789
Steyer	3903R2	RR2Y	3.9	MR	SStd	60.7	14.3	0	133.6	\$788
LG Seeds	C3650R2	RR2Y	3.6	R	AC,PV	60.7	14.7	0	133.6	\$787
Stine	40RC32 §	RR2Y	4.0	R	CMB	60.7	14.8	0	122.0	\$787
Asgrow	AG3934 GC	RR2Y	3.9	R	ACi	60.4	13.8	0	127.8	\$784
FS Hisoy	HS 42A12	RR2Y	4.2	R	CMB	60.3	13.9	0	127.8	\$783
Great Lakes	GL3729R2	RR2Y	3.7	R	AC,PV	59.4	14.2	0	127.8	\$771
Great Heart	GT-385CR2	RR2Y	3.8	R	None	59.2	14.9	0	122.0	\$767
Stone	2R3904	RR2Y	3.9	R	ACi	59.2	15.0	0	110.3	\$767
Pfister	42R26	RR2Y	4.2	R	CMB	59.1	15.3	0	127.8	\$766
Stone	2R3701	RR2Y	3.7	R	ACi	58.7	14.4	0	116.2	\$761
FS Hisoy	HS 38A22	RR2Y	3.8	R	CMB	58.6	15.2	0	122.0	\$759
Channel	3806R2/STS	RR2Y,STS	3.8	MR	ACi	58.4	15.3	0	139.4	\$757
Asgrow	AG3832 §	RR2Y	3.8	R	ACi	58.0	14.7	0	122.0	\$752
Great Heart	GT-427CR2	RR2Y	4.2	R	AP	57.2	13.8	0	116.2	\$743
FS Hisoy	HS 34A22	RR2Y	3.4	R	CMB	57.1	13.8	0	127.8	\$741
Steyer	3502R2	RR2Y	3.5	MR	SStd	56.9	14.4	0	133.6	\$738
NuTech/G2 Gen	7380^	RR	3.8	R	SCE	56.9	14.4	0	122.0	\$738
NK Brand	S34-Z1 §	RR2Y	3.4	R	CMBV	56.8	15.4	0	127.8	\$736
Pfister	36R29	RR2Y	3.6	R	CMB	56.7	15.0	0	133.6	\$735
Pioneer	94Y23 §	RR	4.2	R	None	56.6	14.1	0	104.5	\$735
Asgrow	AG4033 GC	RR2Y	4.0	R	ACi	56.5	14.9	0	133.6	\$732
Pfister	38R25	RR2Y	3.8	R	CMB	56.4	13.5	0	133.6	\$733
Great Lakes	GL4209R2	RR2Y	4.2	R	AC,PV	56.3	13.4	0	133.6	\$731
Lewis	394R2	RR2Y	3.9	MR	ACi	56.1	15.4	0	116.1	\$727

Test Average = **56.4** **14.6** **0** **123.6** **\$731**

Eric Beyers LSD (0.10) = 4.7 0.5 ns

ewbeye@hotmail.com, (217) 825-9072 C.V. = 6.2 2.6

Yield & Income Factors Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Price = $\frac{\$13.00}{n/a}$ Local GMO Non-GMO

TEST COMMENTS: This site had either brown stem rot or SDS present. It caused varieties to retain leaves and/or petioles. Lower yielding varieties seemed to be susceptible. The top 6 to 10" of the plants had dead pods and grey discoloring. The pods of healthier, higher yielding varieties had a normal healthy clean sheen to the top of plants. The disease reduced yield about 20 bu./acre, seed quality and seed size.

† 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: 10/20/2013 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	AG3334 §	RR2Y	3.3	R	ACi	Pioneer	94Y23 §	RR	4.2	R	None
Asgrow	AG3731 §	RR2Y	3.7	R	ACi	Steyer	3406R2	RR2Y	3.4	MR	SStd
Asgrow	AG3832 §	RR2Y	3.8	R	ACi	Steyer	3502R2	RR2Y	3.5	MR	SStd
Asgrow	AG3934 GC	RR2Y	3.9	R	ACi	Steyer	3604R2	RR2Y	3.6	MR	SStd
Asgrow	AG4033 GC	RR2Y	4.0	R	ACi	Steyer	3703R2	RR2Y	3.7	MR	SStd
Asgrow	AG4232 §	RR2Y,STS	4.2	R	ACi	Steyer	3803R2	RR2Y	3.8	MR	SStd
Channel	3806R2/STS	RR2Y,STS	3.8	MR	ACi	Steyer	3903R2	RR2Y	3.9	MR	SStd
Channel	3907R2	RR2Y	3.9	MR	ACi	Steyer	4203R2	RR2Y	4.2	MR	SStd
Dairyland	DSR-3703/R2Y	RR2Y	3.7	R	CMB,O	Stine	37RC82 §	RR2Y	3.7	R	CMB
Dairyland	DSR-4010/R2Y	RR2Y	4.0	MR	CMB,O	Stine	40RC32 §	RR2Y	4.0	R	CMB
Dairyland	DSR-4330/R2Y	RR2Y	4.3	R	CMB,O	Stone	2R3604	RR2Y	3.6	MR	ACi
FS Hisoy	HS 34A22	RR2Y	3.4	R	CMB	Stone	2R3701	RR2Y	3.7	R	ACi
FS Hisoy	HS 35A32	RR2Y	3.5	R	CMB	Stone	2R3801	RR2Y	3.8	R	ACi
FS Hisoy	HS 37A22	RR2Y	3.7	R	CMB	Stone	2R3904	RR2Y	3.9	R	ACi
FS Hisoy	HS 38A22	RR2Y	3.8	R	CMB	Stone	2R4003	RR2Y	4.0	R	ACi
FS Hisoy	HS 38A32	RR2Y	3.8	R	CMB						
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						
Great Heart	GT-376CR2	RR2Y	3.7	R	None						
Great Heart	GT-385CR2	RR2Y	3.8	R	None						
Great Heart	GT-427CR2	RR2Y	4.2	R	AP						
Great Lakes	GL3729R2	RR2Y	3.7	R	AC,PV						
Great Lakes	GL3879R2	RR2Y	3.8	R	AC,PV						
Great Lakes	GL4209R2	RR2Y	4.2	R	AC,PV						
Lewis	394R2	RR2Y	3.9	MR	ACi						
Lewis	414R2	RR2Y	4.1	MR	ACi						
LG Seeds	C3650R2	RR2Y	3.6	R	AC,PV						
LG Seeds	C3770R2	RR2Y	3.7	R	AC,PV						
LG Seeds	C3989R2	RR2Y	3.8	R	AC,PV						
NK Brand	S34-Z1 §	RR2Y	3.4	R	CMBV						
NK Brand	S35-C3 §	RR2Y	3.5	R	CMBV						
NK Brand	S39-U2 §	RR2Y	3.9	R	CMBV						
NuTech/G2 Gen	7334^	RR	3.3	R	SCE						
NuTech/G2 Gen	7360^	RR	3.6	R	SCE						
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	36R29	RR2Y	3.6	R	CMB						
Pfister	37R23	RR2Y	3.7	R	None						
Pfister	38R25	RR2Y	3.8	R	CMB						
Pfister	42R26	RR2Y	4.2	R	CMB						
Pioneer	93Y40 §	RR	3.4	R	EE,G						
Pioneer	93Y92 §	RR	3.9	R	None						

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® - sulfonylurea 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.