

2013 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 / Bicep II Magnum, Princep, Touchdown
 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 26 125,000 /A 30" Spacing
 HARVESTED - STAND: Nov 11 80,900 /A

All-Season Test

3.8 - 4.7 Day CRM
 S2013ILSO24

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	74.8	12.3	17	116.1	\$972
Steyer	4701R2	RR2Y	4.7	MR	SStd	72.0	12.3	2	69.7	\$936
Stone	2R4903STS	RR2Y,STS	4.9	R	ACi	71.9	12.6	4	84.2	\$935
NK Brand	S39-U2 §	RR2Y	3.9	R	CMBV	71.5	12.5	65	90.0	\$930
LG Seeds	C4544R2	RR2Y	4.5	R	AC,PV	71.1	12.5	43	92.9	\$924
FS Hisoy	HS 39A22	RR2Y	3.9	R	CMB	70.8	12.4	0	66.8	\$920
Dyna-Gro	39RY43	RR2Y	4.3	R	ACi	70.2	12.4	34	104.5	\$913
Asgrow	AG4033 GC	RR2Y	4.0	R	ACi	70.1	12.1	10	107.4	\$911
FS Hisoy	HS 42A12	RR2Y	4.2	R	CMB	69.8	12.3	14	101.6	\$907
Channel	4306R2/STS	RR2Y,STS	4.3	R	ACi	69.5	11.9	3	84.2	\$904
Steyer	4203R2	RR2Y	4.2	MR	SStd	69.5	12.2	9	81.3	\$904
Channel	4705R2/STS	RR2Y,STS	4.7	R	ACi	69.5	12.9	34	72.6	\$904
Stone	2R4003	RR2Y	4.0	R	ACi	69.2	12.2	2	75.5	\$900
Stone	2R4302	RR2Y	4.3	R	ACi	69.2	12.3	22	98.7	\$900
FS Hisoy	HS 47A32	RR2Y,STS	4.7	R	CMB	69.1	12.5	3	95.8	\$898
Seed Consultants	SCS 9443RR	RR	4.4	R	EE,G	69.1	12.6	31	72.6	\$898
Dairyland	DSR-4850/R2Y	RR2Y	4.8	R	CMB,O	69.0	12.4	4	98.7	\$897
Channel	4500R2/STS	RR2Y,STS	4.5	S	ACi	68.9	12.9	18	101.7	\$896
LG Seeds	C4411R2	RR2Y	4.4	R	AC,PV	68.7	12.8	22	84.2	\$893
Steyer	4501R2	RR2Y,STS	4.5	S	SStd	68.5	12.8	11	43.6	\$891
FS Hisoy	HS 45A12	RR2Y	4.5	R	CMB	68.5	12.8	34	75.5	\$891
Stone	2R4604STS	RR2Y,STS	4.6	R	ACi	68.2	12.6	40	98.7	\$887
Seed Consultants	SCS 9421RR	RR,STS	4.2	R	EE,G	67.8	12.4	0	81.3	\$881
Seed Consultants	SCS 9393RR	RR	3.9	R	EE,G	67.5	12.0	1	63.9	\$878
Asgrow	AG3832 §	RR2Y	3.8	R	ACi	67.2	12.6	0	52.3	\$874
Stone	2R4204	RR2Y	4.2	R	ACi	67.1	12.5	50	95.8	\$872
Dairyland	DSR-4330/R2Y	RR2Y	4.3	R	CMB,O	67.0	12.5	9	69.7	\$871
Great Heart	GT-427CR2	RR2Y	4.2	R	AP	66.9	12.0	17	72.6	\$870
NuTech/G2 Gen	7414^	RR	4.1	R	SCE	66.8	12.2	9	92.9	\$868
FS Hisoy	HS 43A32	RR2Y	4.3	R	CMB	66.4	12.4	7	78.4	\$863

Test Average = **65.0** **12.4** **20** **80.9** **\$845**

Eric Beyers

LSD (0.10) = 6.4 0.4 19

ewbeye@hotmail.com, (217) 825-9072

C.V. = 7.3 2.4

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: In mid-June, Don indicated the site received 3 to 5" rains after planting. The excess water reduced soybean stand, but survivors branched significantly to make great yield! John said that a wind storm with small vortexes flattened some varieties. They grew upright enough for the combine to harvest. Plant height ranged from 30-48". Seed quality was fair to good with medium to very large seed.

† 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: 11/12/2013 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.