

2014 Soybean Top 30 Harvest Report

Missouri Northeast [MONE] PALMYRA
Shawn Kiefaber, Marion County, MO 63461



Test by: F.I.R.S.T. NCB, Inc., Lanark, IL

PREV. CROP/HERB: Corn / Capreno, Atrazine
SOIL DESCRIPTION: Smileyville silt loam, mod. well drained, non-irrigated
SOIL CONDITIONS: Mod. High P, mod. high K, 6.6 pH, 2.5 % OM
TILLAGE/CULTIVATION: No-till
PEST MANAGEMENT: Cadet, Durango (2), Resource, Select Max, Quilt Xcel, Endigo
SEEDED - RATE - ROW: May 23 170,000 /A 15" Spacing
HARVESTED - STAND: Oct 28 159,800 /A

All-Season Test

3.4 - 4.3 Day RM
S2014MONE16

Top 30 of 36

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 33A32	RR2Y	3.30	R	CMBV	74.2	12.7	7	154.3	\$764
FS Hisoy	HS 42A12	RR2Y	4.20	R	CMBV	73.6	12.7	7	180.3	\$758
Stine	37RC82 §	RR2Y,ST	3.70	R	None	73.1	12.9	9	150.6	\$753
Pfister	34R20	RR2Y	3.40	R	CCB	72.5	13.4	4	163.5	\$747
Stine	38RE02 §	RR2Y	3.80	R	None	72.2	12.9	9	154.2	\$744
NK Brand	S38-W4 §	RR2Y	3.80	R	CCB	71.8	12.7	14	187.7	\$740
Pfister	43R29	RR2Y	4.30	R	CCB	71.3	12.9	6	148.7	\$734
FS Hisoy	HS 36A42	RR2Y	3.60	R	ACi	71.3	12.3	10	159.8	\$734
Lewis	375R2	RR2Y	3.70	R	ACi	71.2	12.2	7	163.6	\$733
Stine	42RD02 §	RR2Y,ST	4.20	R	None	71.0	12.2	7	174.7	\$731
LG Seeds	C3989R2	RR2Y	3.90	R	AC,PV	70.9	12.8	9	161.7	\$730
LG Seeds	C3555R2 GC	RR2Y	3.50	R	AC,PV	70.9	12.6	15	145.0	\$730
Asgrow	AG4034 §	RR2Y	4.00	MR	ACi	70.6	13.5	9	131.9	\$727
Pfister	39R29	RR2Y	3.90	R	CCB	70.3	12.7	3	167.3	\$724
NK Brand	S39-U2 §	RR2Y	3.90	R	CCB	70.3	12.8	11	176.6	\$724
FS Hisoy	HS 37A42	RR2Y	3.70	R	ACi	70.1	12.4	7	185.9	\$722
Pfister	37R23	RR2Y	3.70	R	CCB	69.6	12.8	75	182.1	\$717
Prairie Brand	PB-3699R2	RR2Y	3.60	R	CMBV	69.0	12.8	6	115.2	\$711
Asgrow	AG3832 §	RR2Y	3.80	R	ACi	68.5	12.5	6	154.3	\$706
LG Seeds	C4211R2 GC	RR2Y	4.20	R	AC,PV	68.5	12.9	11	174.7	\$706
FS Hisoy	HS 37A22	RR2Y	3.70	R	CMBV	68.3	13.1	3	141.2	\$703
Pioneer	P29T98R §	RR	2.90	R	EE,G	68.1	12.7	9	169.1	\$701
Pfister	36R29	RR2Y	3.60	R	CCB	68.0	13.0	7	167.3	\$700
Asgrow	AG4232 §	RR2Y,ST	4.20	R	ACi	67.9	12.7	17	176.6	\$699
FS Hisoy	HS 39A22	RR2Y	3.90	R	CMBV	67.1	12.8	7	172.9	\$691
Pfister	38R28	RR2Y	3.80	R	CCB	67.1	12.9	7	178.4	\$691
FS Hisoy	HS 39A42	RR2Y	3.90	R	ACi	66.4	12.9	4	158.0	\$684
Pioneer	93Y84 §	RR	3.80	R	EE,G	66.1	12.9	6	126.4	\$681
FS Hisoy	HS 43A42	RR2Y	4.30	R	ACi	65.2	12.7	11	143.1	\$672
NK Brand	S35-A5 §	RR2Y	3.50	R	CCB	64.6	13.2	11	180.3	\$665

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Test Average =	68.2	12.8	11	159.8	\$702
LSD (0.10) =	6.6	0.7	6		
LSD (0.25) =	4.6	0.5	4		
C.V. =	7.1	3.8			

Yield & Income Factors Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.000 Price = $\frac{\$10.30 \text{ GMO}}{\$10.30 \text{ Non-GMO}}$

TEST COMMENTS: *This was a nice uniform test, and looked good for most of the season. It was nice to see that beans in this area were yielding this well. Most of the varieties stood well and were fairly easy to harvest. This location did not have as many green stems compared to other Missouri Northeast locations. I could not find any evidence of yield impacting diseases. Seed size was medium to large.*

† 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: 10/29/2014 Revised:

2014 Soybean - Missouri Northeast [MONE]



All-Season Test Products (36 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						
Asgrow	AG4034 §	RR2Y	4.00	MR	ACi						
Asgrow	AG4232 §	RR2Y,ST	4.20	R	ACi						
FS Hisoy	HS 33A32	RR2Y	3.30	R	CMBV						
FS Hisoy	HS 36A42	RR2Y	3.60	R	ACi						
FS Hisoy	HS 37A22	RR2Y	3.70	R	CMBV						
FS Hisoy	HS 37A42	RR2Y	3.70	R	ACi						
FS Hisoy	HS 39A22	RR2Y	3.90	R	CMBV						
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						
Lewis	375R2	RR2Y	3.70	R	ACi						
Lewis	412R2	RR2Y	4.10	R	ACi						
LG Seeds	C3555R2 GC	RR2Y	3.50	R	AC,PV						
LG Seeds	C3989R2	RR2Y	3.90	R	AC,PV						
LG Seeds	C4010R2	RR2Y	4.00	R	AC,PV						
LG Seeds	C4211R2 GC	RR2Y	4.20	R	AC,PV						
NK Brand	S35-A5 §	RR2Y	3.50	R	CCB						
NK Brand	S38-W4 §	RR2Y	3.80	R	CCB						
NK Brand	S39-U2 §	RR2Y	3.90	R	CCB						
Pfister	34R20	RR2Y	3.40	R	CCB						
Pfister	35R25	RR2Y	3.50	R	CCB						
Pfister	36R29	RR2Y	3.60	R	CCB						
Pfister	37R23	RR2Y	3.70	R	CCB						
Pfister	38R25	RR2Y	3.80	R	CCB						
Pfister	38R28	RR2Y	3.80	R	CCB						
Pfister	39R29	RR2Y	3.90	R	CCB						
Pfister	43R29	RR2Y	4.30	R	CCB						
Pioneer	93Y84 §	RR	3.80	R	EE,G						
Pioneer	P29T98R §	RR	2.90	R	EE,G						
Pioneer	P35T58R §	RR	3.50	R	EE,G						
Prairie Brand	PB-3699R2	RR2Y	3.60	R	CMBV						
Prairie Brand	PB-3849R2	RR2Y,ST	3.80	R	CMB						
Stine	37RC82 §	RR2Y,ST	3.70	R	None						
Stine	38RE02 §	RR2Y	3.80	R	None						
Stine	42RD02 §	RR2Y,ST	4.20	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 are distributed by Beck's Superior Hybrids, Inc. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaxx® and XL® are registered trademarks of DuPont Pioneer. Phoenix® is a trademark of a Syngenta Group Company.
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	Gaucho®
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.