

## 2016 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 / Lexar  
SOIL DESCRIPTION: Putnam silt loam, mod. well drained, non-irrigated  
SOIL CONDITIONS: High P, high K, 5.7 pH, 2.5 % OM, low SCN  
TILLAGE/CULTIVATION: Conventional w/ fall till  
PEST MANAGEMENT: Matador, Prefix  
SEEDED - RATE - ROW: May 21 170,000 /A 15" Spacing  
HARVESTED - STAND: Oct 16 154,000 /A

**All-Season Test**  
**Maturity Group 3.4 - 4.3**  
S2016MONE16

**Top 30 of 36**  
For Gross Income (Sorted by Yield)  
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
FS HiSoy	HS 34X60	RRX	3.4	R	ACi,CI	<b>63.8</b>	11.1	5	139.4	\$664
LG Seeds	C3989R2	RR2Y	3.8	R	CCB	<b>63.3</b>	11.5	40	163.6	\$658
FS HiSoy	HS 39X60	RRX	3.9	R	ACi	61.9	12.3	29	150.5	\$644
Pfister	35R201	RR2Y	3.5	R	CCB	61.3	12.0	16	130.1	\$638
Pfister	39R201	RR2Y	3.9	R	CCB	60.9	11.3	5	120.8	\$633
NK Brand	S39-C4	RR2Y	3.9	R	CCB,Me	60.2	11.1	12	180.3	\$626
Pfister	39R29	RR2Y	3.9	R	CCB	59.4	12.7	6	141.3	\$618
Pfister	37RS01	RR2Y,ST	3.7	R	CCB	59.3	12.2	29	120.8	\$617
Asgrow	AG40X6 §	RRX	4.0	R	ACi	59.1	11.3	28	171.0	\$615
NK Brand	S37-Z8 §	RR2Y	3.7	R	CMBV	58.6	12.2	17	193.3	\$609
NK Brand	S42-P6 §	RR2Y	4.2	R	CCB,Me	58.0	11.5	3	158.0	\$603
NK Brand	S38-W4 §	RR2Y	3.8	R	CCB,Me	57.9	11.4	11	156.1	\$602
LG Seeds	C3550RX GC	RRX	3.5	R	CCB	57.7	11.2	18	135.7	\$600
LG Seeds	C4145R2	RR2Y	4.1	R	CCB	57.7	12.1	23	169.1	\$600
Pioneer	P34T07R2 §	RR2Y	3.4	R	EE,G	57.6	11.6	29	163.6	\$599
Pioneer	P28T71X §	RRX	2.8	R	EE,G	56.7	11.4	45	178.4	\$590
FS HiSoy	HS 43X60	RRX	4.3	R	ACi	56.4	11.6	11	191.4	\$587
FS HiSoy	HS 37X60	RRX	3.7	R	ACi,CI	56.3	11.5	17	156.1	\$586
LG Seeds	C3647R2 GC	RR2Y,ST	3.6	R	CCB	56.0	11.9	32	146.8	\$582
Pioneer	P35T75X §	RRX	3.5	R	EE,G	55.9	12.1	17	165.4	\$581
FS HiSoy	HS 39A60	RR2Y	3.9	R	ACi,CI	55.7	11.8	22	118.9	\$579
Pfister	35R25	RR2Y	3.5	R	CCB	55.4	12.1	32	132.0	\$576
Stine	38RE02 §	RR2Y	3.8	R	SFI	54.7	11.5	34	167.3	\$569
Lewis	4161X	RRX	4.1	MR	ACi	54.3	12.4	4	206.3	\$565
Stine	41RH22 §	RR2Y,ST	4.1	R	SFI	53.5	11.8	14	152.4	\$556
Asgrow	AG38X6 §	RRX	3.8	R	ACi	53.4	11.5	7	174.7	\$555
FS HiSoy	HS 42X50	RRX	4.2	R	ACi,CI	53.3	11.3	10	139.4	\$554
Pfister	41RS01	RR2Y,ST	4.1	R	CCB	53.2	11.8	37	154.3	\$553
LG Seeds	C4239RX GC	RRX	4.2	R	CCB	52.3	12.2	14	141.3	\$544
Pfister	43R29	RR2Y	4.3	R	CCB	52.2	12.1	12	167.3	\$543

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Averages =	<b>55.8</b>	<b>11.8</b>	<b>20</b>	<b>154.0</b>	<b>\$580</b>
LSD (0.10) =	7.3	ns	13		
LSD (0.25) =	5.1	ns	9		
C.V. =	9.6				Prev. years avg. yield, 59.5 bu/a, 3 yrs

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.000 Prices = \$10.40 GMO; \$10.40 non-GMO

**TEST COMMENTS:** *Planting conditions this spring were good after waiting for some early May rains to clear from the area. Growing conditions this year were excellent for soybeans. Test plot beans were not stressed much. Plant height differences were noticeable at harvest. Most varieties stood between 48 and 60 inches. A fair amount of lodging was observed across the plot area, making harvest slow.*

† See last page for abbreviation descriptions. Results in **bold** are significantly above test average by LSD (0.10). **ns** = column values not significantly different.

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)  
Report Date: 10/17/2016 Revised:

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## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doeblers PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMaxx® brand seed is distributed by AgVenture, Inc. XL® 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 FIRST when space permits.
§	United Soybean Board sponsored entry

### Soybean Technologies

LL	LibertyLink®
None	Conventional, non-GMO
P	Plenish®
RR	glyphosate tolerant
RR2Y	Genuity® Roundup Ready 2 Yield®
RRX	Genuity® Roundup Ready 2 Xtend®
ST	sulfonylurea tolerant

### Soybean Cyst Nematode (SCN) Resistance Rating

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

### Soybean Seed Treatments\*

n/a	info unavailable	IL	ILeVO®
AC	Acceleron® fungicide products	In	Intego™ Solo
ACi	Acceleron® fungicide and insecticide products	IS	Intego™ Suite
AG	ArmourGuard™	MAG	Maximum ArmourGuard™
AM	ApronMaxx®	Me	Mertect®
AVB	Avicta® Complete Beans	Mg	Magnum ST™ (standard)
CCB	Clariva™ Complete Beans	NCFI	N-Compass™ Plus F/I
CI	Clariva™ pn	None	untreated
CMB	CruiserMaxx® Beans	PV	Poncho®/Votivo®
CMBV	CruiserMaxx® Beans with Vibrance	SDPI	Servo™ DPI
DPHB	DPH Boost®	SFI	Stine XP fungicide & insecticide
DST	Dominance™ ST	SS	Soyshield™
DX	Defend™ Extra	SS+	Soyshield Plus™
EE	Evergol™ Energy	SStd	SureStand™
En	Encase®	TE	Trius™ Elite
G	Gaucho®	WCX	Warden® CX
Gr+	Great Start™ Max Plus		

\* Seed treatments may include unspecified plant health promoting components.