

## 2016 Soybean Top 30 Harvest Report

Missouri Northeast [ MONE ] SALEM

Jesse Steffensmeier, Lee County, IA 52649



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

PREV. CROP/HERB: Corn / TripleFLEX, atrazine, Callisto, Roundup  
 SOIL DESCRIPTION: Edina/Grundy silt loam, well drained, non-irrigated  
 SOIL CONDITIONS: High P, high K, 5.9 pH, 3 % OM, medium SCN  
 TILLAGE/CULTIVATION: Conventional w/ fall till  
 PEST MANAGEMENT: Roundup  
 SEEDED - RATE - ROW: May 20 170,000 /A 15" Spacing  
 HARVESTED - STAND: Oct 15 174,000 /A

**All-Season Test**  
**Maturity Group 3.4 - 4.3**  
 S2016MONE13

**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
Pfister	39R201	RR2Y	3.9	R	CCB	<b>80.2</b>	13.7	2	158.0	\$834
LG Seeds	C3550RX GC	RRX	3.5	R	CCB	<b>76.5</b>	15.5	11	182.1	\$796
LG Seeds	C3989R2	RR2Y	3.8	R	CCB	<b>75.9</b>	16.0	25	197.0	\$789
NK Brand	S39-C4	RR2Y	3.9	R	CCB,Me	<b>74.1</b>	15.5	19	158.0	\$771
Pioneer	P34T07R2 §	RR2Y	3.4	R	EE,G	<b>72.8</b>	15.7	19	165.4	\$757
NK Brand	S37-Z8 §	RR2Y	3.7	R	CMBV	<b>72.7</b>	14.4	22	208.2	\$756
FS HiSoy	HS 34X60	RRX	3.4	R	ACi,CI	<b>72.0</b>	16.9	13	150.5	\$749
LG Seeds	C3647R2 GC	RR2Y,ST	3.6	R	CCB	<b>71.7</b>	16.2	36	165.4	\$746
Pfister	35R201	RR2Y	3.5	R	CCB	68.0	14.1	4	154.3	\$707
Pioneer	P28T71X §	RRX	2.8	R	EE,G	67.7	16.1	54	167.3	\$704
Pfister	39R29	RR2Y	3.9	R	CCB	67.4	15.9	3	191.4	\$701
FS HiSoy	HS 39X60	RRX	3.9	R	ACi	67.4	13.9	41	171.0	\$701
LG Seeds	C4145R2	RR2Y	4.1	R	CCB	67.1	16.0	12	200.7	\$698
Pfister	37RS01	RR2Y,ST	3.7	R	CCB	67.1	14.5	32	169.1	\$698
FS HiSoy	HS 37X60	RRX	3.7	R	ACi,CI	66.6	14.6	11	165.4	\$693
Pfister	35R25	RR2Y	3.5	R	CCB	65.8	16.3	23	154.3	\$684
Stine	38RE02 §	RR2Y	3.8	R	SFI	63.7	15.8	14	187.7	\$662
FS HiSoy	HS 38X60	RRX	3.8	R	ACi,CI	63.2	14.8	6	174.7	\$657
Pioneer	P35T75X §	RRX	3.5	R	EE,G	63.0	14.4	15	167.3	\$655
LG Seeds	C3911RX	RRX	3.9	R	CCB	62.9	16.3	7	176.6	\$654
FS HiSoy	HS 39A60	RR2Y	3.9	R	ACi,CI	58.3	16.7	20	195.1	\$606
FS HiSoy	HS 43X60	RRX	4.3	R	ACi	58.0	14.4	14	174.7	\$603
NK Brand	S42-P6 §	RR2Y	4.2	R	CCB,Me	57.0	16.1	9	174.7	\$593
FS HiSoy	HS 40X60	RRX	4.0	R	ACi	56.7	13.9	7	165.4	\$590
Asgrow	AG40X6 §	RRX	4.0	R	ACi	54.9	16.8	14	189.6	\$571
Asgrow	AG38X6 §	RRX	3.8	R	ACi	53.9	14.5	3	178.4	\$561
LG Seeds	C4239RX GC	RRX	4.2	R	CCB	53.1	14.5	11	159.8	\$552
Lewis	4161X	RRX	4.1	MR	ACi	52.5	15.1	8	172.8	\$546
FS HiSoy	HS 42X50	RRX	4.2	R	ACi,CI	51.9	14.8	7	187.7	\$540
NK Brand	S38-W4 §	RR2Y	3.8	R	CCB,Me	51.5	16.4	6	176.6	\$536

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Averages =	<b>61.9</b>	<b>15.3</b>	<b>17</b>	<b>174.0</b>	<b>\$644</b>
LSD (0.10) =	7.5	ns	11		
LSD (0.25) =	5.2	ns	8		
C.V. =	8.8				New test site, no yield history

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

**TEST COMMENTS:** *Site got off to a great start. I think every soybean that was dropped at planting, germinated. Growing conditions continued to be nearly ideal all season long. The host farmer reported that he has fields averaging nearly 80 bu/ac this year (a record year in his mind). Sudden death syndrome (SDS) affected a good portion of the trial area, which reduced yields and increased variability in this field.*

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



## 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.