

## 2017 Soybean Top 30 Harvest Report

Missouri North [ MONO ] PALMYRA

Shawn Kiefaber, Marion County, MO 63461



Test by: F.I.R.S.T. MSR, Inc., Columbia, MO

PREV. CROP/HERB: Corn / Lexar  
 SOIL DESCRIPTION: Putnam silt loam, mod. well drained, non-irrigated  
 SOIL CONDITIONS: Very high P, very high K, 5.4 pH, 2.7% OM, 15.2 CEC  
 TILLAGE/CULTIVATION: Minimum w/ fall till  
 PEST MANAGEMENT: Matador, Intensity One  
 APPLIED N-P-K (units): 0-0-0  
 SEEDED - RATE - ROW: May 17 140,000 /A 30" Spacing  
 HARVESTED - STAND: Oct 28 119,900 /A

**All-Season Test**  
**Maturity Group 3.2 - 4.3**  
 S2017MONO04

### Top 30 of 63

For Gross Income (Sorted by Yield)  
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
AgriGold	G3520RX	RRX	3.5	R	<b>74.4</b>	12.4	1	119.1	\$670	1
FS HiSoy	HS 35X70	RRX	3.5	R	<b>71.8</b>	12.4	1	122.0	\$646	2
ProHarvest	3427CX	RRX	3.4	R	<b>71.4</b>	12.4	1	113.3	\$643	3
Lewis	3682X	RRX	3.6	R	<b>71.0</b>	12.4	1	110.4	\$639	4
Bayer	CZ3234LL	LL	3.2	MR	<b>70.9</b>	12.4	1	116.2	\$638	5
AgriGold	G3690RX	RRX	3.6	R	<b>70.9</b>	12.5	1	127.8	\$638	6
AgriGold	G3410RX	RRX	3.4	R	<b>70.6</b>	12.4	1	122.0	\$635	7
Asgrow	AG36X6 §	RRX	3.6	R	<b>70.6</b>	12.5	1	124.9	\$635	8
AgriGold	G3830RX	RRX	3.8	R	<b>70.5</b>	12.5	1	124.9	\$635	9
Asgrow	AG39X7 §	RRX,ST	3.9	R	<b>70.3</b>	12.5	1	116.2	\$633	10
Bayer	CZ3458EXP	BG	3.4	R	<b>70.1</b>	12.4	1	127.8	\$631	11
Champion	39R36N	RR2Y	3.9	R	<b>69.8</b>	12.5	1	116.2	\$628	12
Golden Harvest	GH3546X	RRX	3.5	R	<b>69.7</b>	12.5	4	119.1	\$627	13
Pfister	39R201	RR2Y	3.9	R	69.6	12.4	1	130.7	\$626	14
Lewis	3572X	RRX	3.5	R	69.5	12.4	1	113.3	\$626	15
Bayer	CZ3601LL	LL	3.6	R	69.3	12.4	1	122.0	\$624	16
AgriGold	G3980RX	RRX	3.9	R	69.3	12.5	2	116.2	\$624	17
Stine	32RF02 §	RR2Y	3.2	R	69.1	12.4	1	116.2	\$622	18
NK Brand	S35-C3 §	RR2Y	3.5	R	69.1	12.5	5	119.1	\$622	19
Pioneer	P35T58R §	RR	3.5	R	69.0	12.5	1	122.0	\$621	20
FS HiSoy	HS 34X60	RRX	3.4	R	68.2	12.5	1	116.2	\$614	21
FS HiSoy	HS 37X70	RRX	3.7	R	68.2	12.5	1	119.1	\$614	22
FS HiSoy	HS 39X70	RRX	3.9	R	68.1	12.5	1	127.8	\$613	23
ProHarvest	3696CLL	LL	3.6	R	68.0	12.4	1	124.9	\$612	24
Pfister	32R201	RR2Y	3.2	R	67.9	12.4	1	119.1	\$611	25
FS HiSoy	HS 33X70	RRX	3.3	R	67.7	12.5	1	122.0	\$609	26
Pfister	36R207	RR2Y	3.6	R	67.3	12.4	1	122.0	\$606	27
FS HiSoy	HS 32X70	RRX	3.2	R	67.1	12.4	1	127.8	\$604	28
Lewis	4272X	RRX,ST	4.2	R	67.1	12.5	4	127.8	\$604	29
ProHarvest	3927CX	RRX	3.9	R	67.0	12.4	1	110.4	\$603	30

*William C. Schelp*

William (Bill) Schelp

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Averages =	<b>66.6</b>	<b>12.5</b>	<b>2</b>	<b>119.9</b>	<b>\$599</b>
LSD (0.10) =	3.1	ns	1.7		
LSD (0.25) =	1.6	0.1	0.9		
C.V. =	4.5				

Prev. years avg. yield, 56.2 bu/a, 4 yrs

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.00 GMO; \$9.00 non-GMO

**TEST COMMENTS:** *Planting conditions were perfect when a small mid-May window of opportunity appeared after a wet early May. The site received rain soon after planting, activating the herbicide program. Great weed control all season, so no weeds to compete with this crop. Uniform plant stand. No disease present mid-summer. Adequate rains and a cool August allowed for an all-around good trial to take shape.*

† 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: 10/31/2017 Revised:

## 2017 Soybean - Missouri North [ MONO ]

### All-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
AgriGold	G3410RX	RRX	3.4	R	ASfi,IL	Pfister	36R207	RR2Y	3.6	R	CMBV
AgriGold	G3520RX	RRX	3.5	R	ASfi,IL	Pfister	37RS01	RR2Y,ST	3.7	R	CCB
AgriGold	G3690RX	RRX	3.6	R	ASfi,IL	Pfister	39R201	RR2Y	3.9	R	CCB
AgriGold	G3712RX	RRX	3.7	R	ASfi,IL	Pfister	41RS02	RR2Y,ST	4.1	R	CCB
AgriGold	G3830RX	RRX	3.8	R	ASfi,IL	Pioneer	P35T58R §	RR	3.5	R	EE,G,IL
AgriGold	G3980RX	RRX	3.9	R	ASfi,IL	Pioneer	P36T86R §	RR	3.6	R	EE,G,IL
Asgrow	AG36X6 §	RRX	3.6	R	ACi	Pioneer	P38T42R §	RR	3.8	R	EE,G,IL
Asgrow	AG39X7 §	RRX,ST	3.9	R	ACi	ProHarvest	3427CX	RRX	3.4	R	Pdi
Asgrow	AG43X7 §	RRX,ST	4.3	R	ACi	ProHarvest	3563CR2Y	RR2Y	3.5	R	Pd
Bayer	CZ3234LL	LL	3.2	MR	EE,IL,PV	ProHarvest	3696CLL	LL	3.6	R	Pdi
Bayer	CZ3458EXP	BG	3.4	R	EE,IL,PV	ProHarvest	3916CX	RRX	3.9	R	Pd
Bayer	CZ3601LL	LL	3.6	R	EE,IL,PV	ProHarvest	3927CX	RRX	3.9	R	Pdi
Bayer	CZ3841LL	LL	3.8	R	EE,IL,PV	ProHarvest	4191CLL	LL	4.1	R	Pd
Bayer	CZ4168EXP	BG	4.1	R	EE,IL,PV	ProHarvest	4327CX	RRX	4.3	R	Pdi
Champion	34R87N	RR2Y	3.4	R	ELV	ProHarvest	4366CR2Y	RR2Y	4.3	R	Pd
Champion	39L15N	LL	3.9	R	EL	Stine	32RF02 §	RR2Y	3.2	R	SFI
Champion	39R36N	RR2Y	3.9	R	EL	Stine	38RE02 §	RR2Y,ST	3.8	R	SFI
Champion	40X98N	RRX	4.0	R	ELV	Stine	40RF22 §	RR2Y	4.0	R	SFI
Frontier Seed	3SR92	RR,ST	3.9	R	Wr,PV,IL						
Frontier Seed	4FR10	RR	4.1	R	Wr,PV,IL						
FS HiSoy	HS 32X70	RRX	3.2	R	ACi, IL						
FS HiSoy	HS 33X70	RRX	3.3	R	ACi, IL						
FS HiSoy	HS 34X60	RRX	3.4	R	ACi, IL						
FS HiSoy	HS 35X70	RRX	3.5	R	ACi, IL						
FS HiSoy	HS 37X70	RRX	3.7	R	ACi, IL						
FS HiSoy	HS 39X70	RRX	3.9	R	ACi, IL						
FS HiSoy	HS 41X70	RRX,ST	4.1	R	ACi, IL						
Golden Harvest	GH3546X	RRX	3.5	R	CCB,Me						
Golden Harvest	GH3761X §	RRX	3.7	R	CCB,Me						
Golden Harvest	GH3982X	RRX	3.9	R	CCB,Me						
Golden Harvest	GH4142X	RRX	4.1	R	CCB,Me						
Golden Harvest	GH4307X	RRX	4.3	R	AVBV,Me						
Lewis	3462X	RRX	3.4	R	ACi						
Lewis	3572X	RRX	3.5	R	ACi						
Lewis	3682X	RRX	3.6	R	ACi						
Lewis	3872X	RRX	3.8	R	ACi						
Lewis	4161X	RRX	4.1	MR	ACi						
Lewis	4182X	RRX,ST	4.1	R	ACi						
Lewis	4272X	RRX,ST	4.2	R	ACi						
Lewis	4372X	RRX,ST	4.3	R	ACi						
NK Brand	S35-C3 §	RR2Y	3.5	R	CCB,Me						
NK Brand	S39-C4 §	RR2Y	3.9	R	CCB,Me						
Pfister	32R201	RR2Y	3.2	R	CCB						
Pfister	33R206	RR2Y	3.3	R	CMBV						
Pfister	35R201	RR2Y	3.5	R	CCB						

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2 <sup>®</sup> brand seed is distributed by NuTech Seed, LLC. RPM <sup>®</sup> brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX <sup>®</sup> brand seed is distributed by Seed Consultants, Inc. VPM <sup>®</sup> brand seed is distributed by AgVenture, Inc. XL <sup>®</sup> brand seed is distributed by Beck's Superior Hybrids. Curry <sup>®</sup> , G2 <sup>®</sup> , HPT <sup>®</sup> , RPM <sup>®</sup> , Supreme EX <sup>®</sup> , VPM <sup>®</sup> and XL <sup>®</sup> 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

BG	Balance <sup>™</sup> GT
LL	LibertyLink <sup>®</sup>
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity <sup>®</sup> Roundup Ready 2 Yield <sup>®</sup>
RRX	Roundup Ready 2 Xtend <sup>®</sup>
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 unavailable	Gr+	Great Start <sup>™</sup> Max Plus
A2020	Alert 2020 <sup>™</sup>	I	insecticide
AC	Acceleron <sup>®</sup> fungicide products	IL	ILeVO <sup>®</sup>
ACi	Acceleron <sup>®</sup> fungicide and insecticide products	In	Intego <sup>™</sup> Solo
AG	ArmourGuard <sup>™</sup>	IS	Intego <sup>™</sup> Suite
AM	ApronMaxx <sup>®</sup>	MAG	Maximum ArmourGuard <sup>™</sup>
ASfi	AgriShield <sup>®</sup> F+I	Me	Mertect <sup>®</sup>
AVB	Avicta <sup>®</sup> Complete Beans	Mg	Magnum ST <sup>™</sup> (standard)
AVBV	Avicta <sup>®</sup> Complete Beans with Vibrance <sup>®</sup>	NCFI	N-Compass <sup>™</sup> Plus F/I
CCB	Clariva <sup>™</sup> Complete Beans	None	untreated
CI	Clariva <sup>™</sup> pn	Pd	proTect D <sup>™</sup>
CMB	CruiserMaxx <sup>®</sup> Beans	Pdi	proTect D/I <sup>™</sup>
CMBV	CruiserMaxx <sup>®</sup> Beans with Vibrance <sup>®</sup>	PG+	Profit Guard + <sup>™</sup>
DPHB	DPH Boost <sup>®</sup>	PS	MAS Pro-Shield
DST	Dominance <sup>™</sup> ST	PV	Poncho <sup>®</sup> /Votivo <sup>®</sup>
DX	Defend <sup>™</sup> Extra	SDPI	Servo <sup>™</sup> DPI
EcTC	Eclipse <sup>™</sup> US Total coverage	SFI	Stine XP fungicide & insecticide
EE	Evergol <sup>™</sup> Energy	SS	Soyshield <sup>™</sup>
EL	Elevate <sup>™</sup> F+I	SS+	Soyshield Plus <sup>™</sup>
ELV	Elevate <sup>™</sup> VIP (F+I+N)	SStd	SureStand <sup>™</sup>
En	Encase <sup>®</sup>	TE	Trius Elite <sup>™</sup>
EQV	Equity <sup>®</sup> VIP	TT	Turbo Treat <sup>™</sup>
Es	Escalate <sup>™</sup>	W	Warden <sup>®</sup> CX
F	fungicide	Wr	Warden <sup>®</sup> RTA
G	Gaucha <sup>®</sup>	YPP	YP Pro <sup>™</sup>

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