## 2017 Soybean Top 30 Harvest Report

Missouri North [ MONO ] GRAHAM
Tim & Andrew Lance, Nodaway County, MO 64423



PREV. CROP/HERB: Sorghum

SOIL DESCRIPTION: Sharpsburg silty clay loam, mod. well drained, non-irrigated SOIL CONDITIONS: Very high P, very high K, 6.3 pH, 3.4% OM, 19.6 CEC

TILLAGE/CULTIVATION: Conventional w/ fall till

PEST MANAGEMENT: Sonic, Zidua, Flexstar, Cobra, Select Max

APPLIED N-P-K (units): 0-0-0

SEEDED - RATE - ROW: Jun 13 140,000 /A 30" Spacing

All-Season Test
Maturity Group 3.2 - 4.3

S2017MONO01

Top 30 of 63

For Gross Income (Sorted by Yield)

Average of (3) Peoplications

HARVESTED - STAND:	Nov 3	37,700 /A	00 Op	-					e of ( <b>3</b> ) Re	plication
				SCN	I Yield I	Moisture		Stand	Gross Ir	
Company/Brand	Product/Brand†	Technol.†	Mat.	Resist.	◆ Bu/A ◆	%	%	(x 1000)	\$/Acre	Rank
Lesin	anenx.	MARK III	4.1	-	334	12.8		95.0	87/62	
Colden Harvest	GH35461	MARK III	3.6		335	12.4		98.7	87/62	
Photor	3790301	888,2Y 5T	3.7		34.7	12.4		81.3	62.00	
Lewis	36 TO 1	MAKK	3.8		24.6	121		87.1	5294	
Plater	33/4/2014	RRIGHT.	3.3		34.2	12.4		90.0	8291	
tagrax	AG4017 §	RRX,ST	4.3		36.8	123		84.2	8277	
Stine	3646125	886,21,57	3.0		361			101.6	6271	7
Champion	301,15%	NA.	3.9		29.6	10~	<b>&gt;</b>	84.2	52.96	
MK Brand	539-C45	RM (N	3.9		29.5	15			6216	
Plater	41RS02	884,211,57	4.1	*	29.3			<b>\</b> )	5254	***
, essits	40701	RRILST	4.3			168	<b>3</b> \\		8250	**
and the same of th	MIET.	MAKE	3.6		29.0	//		14.1	5241	12
AgriCold	G3712RX	MAKE	3.7		19.0	1/0		81.3	52111	13
ProHignwood	SHIRLD CLL.	64.	3.6					84.2	\$2.90	14
horizoned	SHOCKEY	88.39	3.6			100		92.9	6276	***
horsoned	40 MI CREY	(D		* /				95.8	6276	**
IK Brand	536-C3-§		$\sim$	~ (	51	124		81.3	8254	107
Bow	CZYTHECHP		41			12.2		95.6	\$250	***
Plater	JE 8201	Relicion			27.7	11.7		90.0	52.49	19
Profrigerand			$\triangle$	//	27.7	12.3		98.7	52.49	20
Profrigered		Man y	/ ) '		27.6	12.8		92.9	52.46	211
Motor		1//			27.5	12.0		87.1	5246	22
Champion	38436%	(4//5	3.0		275	12.0		99.7	52.40	23
Age/Cold	G340461	$\gamma \setminus \gamma$	3.8		27.4	12.6		81.3	50.47	24
5 HID W	/0		4.1		27.2	12.2		92.9	5246	25
and a		88.4.57	4.2		27.1	12.4		98.7	52.66	26
and the same of th		RRULET.	4.7		27.0	12.6		87.1	5240	27
Tine .	4097223	MACK.	4.0		26.6	12.3		81.3	5278	200
TS HIS W	HS 38179	MAKE	3.9		26.2	12.2		84.2	5276	29
Cottlee Harvard	GHATADX	MAKK	4.7		26.1	121		87.1	8276	30
. / 1			Av	erages =	25.2	12.1	1	87.7	\$227	
William C. Sch	ezo		LSD	(0.10) =	4.8	8.0	ns			
William (Bill) Schelp				(0.25) =	3.3	0.6	ns			
william.schelp@firstseedtests.com, (573) 819-7968				C.V. =	14.0		Drov	ears avg. yi	11.50.61	. /- 4

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

**TEST COMMENTS:** Trial was planted into dry conditions in June. The host farmer planted the surrounding field at the same time. Plants struggled to grow from the start. Dry weather in June and much of July didn't help. Plants were short, many less than 2 feet tall. Variable plant stand and non-uniform plots were observed at harvest. Yields were highly variable due to soil moisture, not genetics. Data rejected

† 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** Report Date: 11/05/2017 Revised: ©2017, all rights reserved by Elite Field Genetics, LLC



# 2017 Soybean - Missouri North [ MONO ]

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

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
AgriGold	G3410RX	RRX	3.4	R	ASfi,IL
_					
AgriGold	G3520RX	RRX	3.5	R	ASfi,IL
AgriGold	G3690RX	RRX	3.6	R	ASfi,IL
AgriGold	G3712RX	RRX	3.7	R	ASfi,IL
AgriGold	G3830RX	RRX	3.8	R	ASfi,IL
AgriGold	G3980RX	RRX	3.9	R	ASfi,IL
Asgrow	AG36X6 §	RRX	3.6	R	ACi
Asgrow	AG39X7 §	RRX,ST	3.9	R	ACi
Asgrow	AG43X7 §	RRX,ST	4.3	R	ACi
Bayer	CZ3234LL	LL	3.2	MR	EE,IL,PV
Bayer	CZ3458EXP	BG	3.4	R	EE,IL,PV
Bayer	CZ3601LL	LL	3.6	R	EE,IL,PV
Bayer	CZ3841LL	LL	3.8	R	EE,IL,PV
Bayer	CZ4168EXP	BG	4.1	R	EE,IL,PV
Champion	34R87N	RR2Y	3.4	R	ELV
Champion	39L15N	LL	3.9	R	EL
Champion	39R36N	RR2Y	3.9	R	EL
Champion	40X98N	RRX	4.0	R	ELV
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	4.1	R	AVBV,Me
Lewis	3462X	RRX	3.4	R	ACi
	3572X	RRX	3.5	R	ACi
Lewis					
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

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Pfister	36R207	RR2Y	3.6	R	CMBV
Pfister	37RS01	RR2Y,ST	3.7	R	CCB
Pfister	39R201	RR2Y	3.9	R	CCB
Pfister	41RS02	RR2Y,ST	4.1	R	CCB
Pioneer	P35T58R §	RR	3.5	R	EE,G,IL
Pioneer	P36T86R §	RR	3.6	R	EE,G,IL
Pioneer	P38T42R §	RR	3.8	R	EE,G,IL
ProHarvest	3427CX	RRX	3.4	R	Pdi
ProHarvest	3563CR2Y	RR2Y	3.5	R	Pd
ProHarvest	3696CLL	LL	3.6	R	Pdi
ProHarvest	3916CX	RRX	3.9	R	Pd
ProHarvest	3927CX	RRX	3.9	R	Pdi
ProHarvest	4191CLL	LL	4.1	R	Pd
ProHarvest	4327CX	RRX	4.3	R	Pdi
ProHarvest	4366CR2Y	RR2Y	4.3	R	Pd
Stine	32RF02 §	RR2Y	3.2	R	SFI
Stine	38RE02 §	RR2Y,ST	3.8	R	SFI
Stine	40RF22 §	RR2Y	4.0	R	SFI



## **Footnotes and Abbreviation Descriptions**

#### **Brand Footnotes**

^	G2® brand seed is distributed by NuTech Seed, LLC. 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® 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> , VPMaxx <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™ 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®
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™ Max Plus
A2020	Alert 2020™	I	insecticide
AC	Acceleron® fungicide products	IL	ILeVO <sup>®</sup>
ACi	Acceleron® fungicide and insecticide products	In	Intego™ Solo
AG	ArmourGuard™	IS	Intego™ Suite
AM	ApronMaxx <sup>®</sup>	MAG	Maximum ArmourGuard™
ASfi	AgriShield <sup>®</sup> F+I	Me	Mertect <sup>®</sup>
AVB	Avicta <sup>®</sup> Complete Beans	Mg	Magnum ST™ (standard)
AVBV	Avicta <sup>®</sup> Complete Beans with Vibrance <sup>®</sup>	NCFI	N-Compass™ Plus F/I
CCB	Clariva <sup>™</sup> Complete Beans	None	untreated
Cl	Clariva™ pn	Pd	proTect D™
CMB	CruiserMaxx <sup>®</sup> Beans	Pdi	proTect D/I™
CMBV	CruiserMaxx <sup>®</sup> Beans with Vibrance <sup>®</sup>	PG+	Profit Guard +™
DPHB	DPH Boost <sup>®</sup>	PS	MAS Pro-Shield
DST	Dominance™ ST	PV	Poncho®/Votivo®
DX	Defend™ Extra	SDPI	Servo™ DPI
EcTC	Eclipse <sup>™</sup> US Total coverage	SFI	Stine XP fungicide & insecticide
EE	Evergol™ Energy	SS	Soyshield™
EL	Elevate™ F+I	SS+	Soyshield Plus™
ELV	Elevate™ VIP (F+I+N)	SStd	SureStand™
En	Encase <sup>®</sup>	TE	Trius Elite™
EQV	Equity <sup>®</sup> VIP	TT	Turbo Treat™
Es	Escalate™	W	Warden <sup>®</sup> CX
F	fungicide	Wr	Warden <sup>®</sup> RTA
G	Gaucho <sup>®</sup>	YPP	YP Pro™

<sup>\*</sup> Seed treatments may include unspecified plant health promoting components.