

**2017 Soybean Top 30 Harvest Report**

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



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

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  
HARVESTED - STAND: Nov 3 87,700 /A

**All-Season Test**  
**Maturity Group 3.2 - 4.3**  
S2017MONO01

**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
Lesco	48751	RR1	4.1	RR	25.8	12.0	1	85.8	\$202	1
Golden Harvest	GH14401	RR1	3.0	R	25.5	12.4	1	86.7	\$202	2
Phase	378001	RR2P ST	3.7	R	25.7	12.4	1	81.3	\$200	3
Lesco	38701	RR1	3.0	R	25.5	12.0	1	87.1	\$200	4
Phase	378200	RR2P	3.3	R	25.2	12.4	1	85.0	\$200	5
AgriGen	AG4307 G	RR1,ST	4.3	R	26.8	12.3	1	84.2	\$200	6
Stax	38802 G	RR2P ST	3.0	R	26.4	12.3	1	81.6	\$200	7
Champion	38100	LL	3.0	R	25.5	12.3	1	84.2	\$200	8
MR Brand	338-C4 G	RR2P	3.0	R	25.5	12.3	1	81.3	\$200	9
Phase	47802	RR2P ST	4.1	R	25.3	12.2	1	87.1	\$200	10
Lesco	47701	RR1,ST	4.3	R	25.2	14.0	1	84.5	\$200	11
Lesco	38201	RR1	3.0	R	25.0	12.3	1	84.2	\$200	12
AgriGen	337120	RR1	3.7	R	25.0	12.1	1	81.3	\$200	13
PrimoGen	38800L	LL	3.0	R	25.0	12.1	1	84.2	\$200	14
PrimoGen	38800M	RR2P	3.0	R	25.0	12.1	1	82.0	\$200	15
PrimoGen	40800M	RR1	3.0	R	25.0	12.1	1	85.0	\$200	16
MR Brand	338-C3 G	RR1	3.0	R	25.0	12.0	1	81.3	\$200	17
Stax	324880P	RR1	4.1	R	25.1	12.2	1	85.0	\$200	18
Phase	38201	RR2P	3.0	R	27.7	11.7	1	80.0	\$200	19
PrimoGen	41801	LL	3.0	R	27.7	12.3	1	86.7	\$200	20
PrimoGen	42701	RR1	3.0	R	27.6	12.0	1	82.0	\$200	21
Phase	38207	RR1	3.0	R	27.6	12.0	1	87.1	\$200	22
Champion	38300	RR1	3.0	R	27.5	12.0	1	86.7	\$200	23
AgriGen	33800	RR1	3.0	R	27.4	12.0	1	81.3	\$200	24
FS Hybrid	HS 41070	RR1,ST	4.1	R	27.2	12.2	1	82.0	\$200	25
Lesco	47701	RR1,ST	4.2	R	27.1	12.4	1	86.7	\$200	26
Lesco	47801	RR1,ST	4.1	R	27.0	12.0	1	87.1	\$200	27
Stax	40802 G	RR2P	4.0	R	26.6	12.3	1	81.3	\$200	28
FS Hybrid	HS 38170	RR1	3.0	R	26.2	12.2	1	84.2	\$200	29
Golden Harvest	GH14401	RR1	4.1	R	26.1	12.1	1	87.1	\$200	30

DATA REJECTED

*William C. Schelp*  
William (Bill) Schelp

william.schelp@firstseedtests.com, (573) 819-7968

Averages =	<b>25.2</b>	<b>12.1</b>	<b>1</b>	<b>87.7</b>	<b>\$227</b>
LSD (0.10) =	4.8	0.8	ns		
LSD (0.25) =	3.3	0.6	ns		
C.V. =	14.0				Prev. years avg. yield, 59.6 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:** 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](http://www.firstseedtests.com) ©2017, all rights reserved by Elite Field Genetics, LLC  
Report Date: 11/05/2017 Revised:



## 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.