

## 2018 Soybean Top 30 Harvest Report

Missouri Central [ MOCE ] PERRY

Taylor Braungardt, Ralls County, MO 63334



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

PREV. CROP/HERB: Corn / Parallel Plus, Impact, Roundup  
 SOIL DESCRIPTION: Putnam silt loam, moderately drained, non-irrigated  
 SOIL CONDITIONS: Very high P, medium K, 7.1 pH, 3.2% OM, 13.0 CEC  
 TILLAGE/CULTIVATION: No-till  
 PEST MANAGEMENT: Roundup, Authority MTZ, Dual II Magnum, FirstRate, Anthem Maxx, Zidua  
 APPLIED N-P-K (units): 40-100-100  
 SEEDED - RATE - ROW: May 27 140,000 /A 30" Spacing  
 HARVESTED - STAND: Oct 24 109,100 /A

**All-Season Test**  
**Maturity Group 3.5 - 4.6**  
 S2018MOCE03

### 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
Dyna-Gro	S41XS98	RRX,ST	4.1	R	<b>71.7</b>	10.4	2	120.0	\$574	1
Champion	42XS39N	RRX,ST	4.2	R	<b>70.9</b>	10.9	1	96.8	\$567	2
Great Heart	GT-4231XS	RRX,ST	4.2	R	<b>70.8</b>	11.1	1	120.0	\$566	3
AgriGold	G4190RX	RRX,ST	4.1	R	<b>70.3</b>	10.4	1	106.5	\$562	4
FS HiSoy	HS 39X70	RRX	3.9	R	<b>70.0</b>	10.2	1	110.4	\$560	5
Champion	40X98N	RRX	4.0	R	<b>69.9</b>	10.4	2	108.4	\$559	6
Lewis	3872X	RRX	3.8	R	<b>69.6</b>	10.4	1	112.3	\$557	7
Pioneer	P42A52X §	RRX	4.2	R	<b>69.6</b>	10.8	6	116.2	\$557	8
FS HiSoy	HS 35X80	RRX	3.5	R	<b>69.4</b>	10.4	1	98.7	\$555	9
AgriGold	G4440RX	RRX,ST	4.4	R	<b>68.8</b>	10.1	5	102.6	\$550	10
FS HiSoy	HS 37X70	RRX	3.7	R	<b>68.7</b>	10.4	1	104.5	\$550	11
LG Seeds	C4227RX	RRX,ST	4.2	R	<b>68.7</b>	11.3	2	114.2	\$550	12
Credenz	CZ3841LL	LL	3.8	R	68.4	11.0	2	108.4	\$547	13
Great Heart	GT-404CLL	LL	4.0	R	68.1	10.3	1	106.5	\$545	14
AgriGold	G3980RX	RRX	3.9	R	67.8	10.5	1	118.1	\$542	15
Lewis	4272X	RRX,ST	4.2	R	67.5	10.1	4	122.0	\$540	16
Credenz	CZ3601LL	LL	3.6	R	67.2	10.2	1	96.8	\$538	17
FS HiSoy	HS 41X70	RRX,ST	4.1	R	67.1	10.1	1	120.0	\$537	18
Champion	38X97N	RRX	3.8	R	67.0	10.6	1	112.3	\$536	19
Stine	45RI02 §	RR2Y	4.5	R	66.8	10.3	1	110.4	\$534	20
Credenz	CZ4222LL	LL	4.2	MR	66.7	10.2	1	122.0	\$534	21
LG Seeds	C3985RX	RRX	3.9	R	66.5	11.1	1	106.5	\$532	22
LG Seeds	LGS3777RX	RRX	3.7	R	66.3	9.9	1	108.4	\$530	23
Champion	35X78N	RRX	3.5	R	66.2	10.9	1	108.4	\$530	24
Lewis	3682X	RRX	3.6	R	66.0	11.1	1	102.6	\$528	25
NK Brand	S39-P5X	RRX	3.9	R	65.7	10.2	6	120.0	\$526	26
Champion	45XS78N	RRX,ST	4.5	R	65.6	10.3	9	106.5	\$525	27
Credenz	CZ3548LL	LL	3.5	MR	65.5	10.7	1	110.4	\$524	28
Lewis	4393X	RRX,ST	4.3	R	65.2	10.3	1	125.8	\$522	29
Champion	35L07N	LL	3.5	R	65.2	10.6	1	104.5	\$522	30

Averages = **64.5** **10.5** **2** **109.1** **\$516**

LSD (0.10) = 4.1 0.7 1.9

LSD (0.25) = 2.2 0.3 1.0

C.V. = 6.1

New test site, no yield history

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.00 GMO; \$8.00 non-GMO

**TEST COMMENTS:** *A very uniform and clean no-till seedbed provided a good start. Trial was planted into good soil moisture. Somewhat droughty conditions followed. Normal maturing process was affected by late summer rain events after the drought. Early October plants had plenty of green stems and some leaves yet dry pods and beans. At harvest, plants were uniformly mature and relatively easy to harvest.*

† 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)

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Report Date: 10/26/2018 Revised:



## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Innotech™ is a trademark of Syngenta.
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

G27	GT27™
LL	LibertyLink®
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity® Roundup Ready 2 Yield®
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 not provided	Gr+	Great Start™ Max Plus
A2020	Alert 2020™	I	insecticide
AC	Acceleron® fungicide products	IL	ILeVO®
ACi	Acceleron® fungicide and insecticide products	In	Intego™ Solo
AM	ApronMaxx®	IS	Intego™ Suite
ASfi	AgriShield® F+I	Lu	Lumisena™
AVB	Avicta® Complete Beans	Me	Mertect®
AVBV	Avicta® Complete Beans with Vibrance	None	untreated
BB	Buckeye Boost ST	Pd	proTect D™
CCB	Clariva™ Complete Beans	PG+	Profit Guard +™
CI	Clariva™ pn	PS	MAS Pro-Shield
CMB	CruiserMaxx® Beans	PV	Poncho®/Votivo®
CMBV	CruiserMaxx® Beans with Vibrance	R	Redigo™
DPHB	DPH Boost®	Ret	Revize® SB+T
DST	Dominance™ ST	Ri	Rizolex™
DX	Defend™ Extra	SF	Stine XP F
EcTC	Eclipse™ US Total coverage	SFI	Stine XP fungicide & insecticide
EE	Evergol™ Energy	SS	Soyshield™
EL	Elevate™ F+I	SS+	Soyshield Plus™
EL+	Elevate™ Plus	TE	Trius Elite™
En	Encase®	TT	Turbo Treat™
EQV	Equity® VIP	W	Warden® CX
Es	Escalate™	Wr	Warden® RTA
F	fungicide	YPP	YP Pro™
G	Gaucho®		

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