

2017 Soybean Top 30 Harvest Report

Missouri Central [MOCE] ARMSTRONG
Thomas Boley, Howard County, MO 65248



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

PREV. CROP/HERB: Soybean / Liberty
SOIL DESCRIPTION: Nodaway silt loam, mod. well drained, non-irrigated
SOIL CONDITIONS: Low P, medium K, 7.3 pH, 1.5% OM, 12.9 CEC
TILLAGE/CULTIVATION: Conventional w/ fall till
PEST MANAGEMENT: Prowl, Flexstar, Select Max
APPLIED N-P-K (units): 0-0-0
SEEDED - RATE - ROW: May 29 140,000 /A 30" Spacing
HARVESTED - STAND: Oct 29 119,800 /A

All-Season Test
Maturity Group 3.6 - 4.5
S2017MOCE02

Top 30 of 54
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
Asgrow	AG43X7 §	RRX,ST	4.3	R	53.1	11.7	7	122.0	\$478	1
Lewis	4182X	RRX,ST	4.1	R	52.8	11.7	1	116.2	\$475	2
Lewis	4272X	RRX,ST	4.2	R	52.7	11.8	10	122.0	\$474	3
Champion	45X78N	RRX	4.5	R	51.9	11.7	10	130.7	\$467	4
Pfister	41RS02	RR2Y,ST	4.1	R	51.0	11.5	8	122.0	\$459	5
FS HiSoy	HS 43X60	RRX,ST	4.3	R	50.9	11.6	14	116.2	\$458	6
Lewis	3682X	RRX	3.6	R	50.0	11.7	5	110.4	\$450	7
Lewis	4572X	RRX,ST	4.5	R	49.9	11.7	6	119.1	\$449	8
Bayer	CZ4105LL	LL	4.1	R	49.5	11.6	22	110.4	\$446	9
FS HiSoy	HS 44X60	RRX,ST	4.4	R	49.4	11.7	5	113.3	\$445	10
Bayer	CZ4168EXP	BG	4.1	R	48.9	11.7	6	127.8	\$440	11
Golden Harvest	GH4307X §	RRX	4.3	R	48.8	11.5	10	124.9	\$439	12
Lewis	4372X	RRX,ST	4.3	R	48.6	11.7	14	116.2	\$437	13
AgriGold	G4440RX	RRX,ST	4.4	R	48.3	11.5	2	113.3	\$435	14
Golden Harvest	GH4542X	RRX	4.5	R	48.2	11.7	21	119.1	\$434	15
FS HiSoy	HS 42X50	RRX	4.2	R	48.0	11.7	4	124.9	\$432	16
Bayer	CZ3601LL	LL	3.6	R	48.0	11.8	12	113.3	\$432	17
Pfister	37RS01	RR2Y,ST	3.7	R	47.9	11.6	24	122.0	\$431	18
Bayer	CZ3841LL	LL	3.8	R	47.9	11.5	45	124.9	\$431	19
Bayer	CZ3945LL	LL	3.9	R	47.5	11.9	20	124.9	\$428	20
MorSoy	MS4327RXT	RRX	4.3	R	47.2	11.7	12	113.3	\$425	21
Champion	39R36N	RR2Y	3.9	R	47.0	11.8	6	116.2	\$423	22
AgriGold	G3712RX	RRX	3.7	R	47.0	11.7	9	127.8	\$423	23
AgriGold	G4024RX	RRX	4.0	R	46.9	11.8	2	127.8	\$422	24
Pfister	36R207	RR2Y	3.6	R	46.9	11.8	10	119.1	\$422	25
Pfister	39R201	RR2Y	3.9	R	46.8	11.6	6	127.8	\$421	26
AgriGold	G3690RX	RRX	3.6	R	46.5	11.7	11	116.2	\$419	27
Asgrow	AG36X6 §	RRX	3.6	R	46.2	11.7	2	113.3	\$416	28
FS HiSoy	HS 41X70	RRX,ST	4.1	R	46.1	11.6	1	122.0	\$415	29
Lewis	4161X	RRX	4.1	MR	46.0	11.7	2	127.8	\$414	30

Averages = **45.8** **11.7** **13** **119.8** **\$412**

LSD (0.10) = 4.3 ns 13.1

LSD (0.25) = 2.3 ns 6.9

C.V. = 9.0

New test site, no yield history

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

TEST COMMENTS: *This test was located in a creek bottom that had a very uniform seedbed and provided good emergence. Tom, our host farmer, mentioned that a significant mid-summer wind/rain event caused lodging. Some varieties never fully recovered. Yield variability in the test was a result of this event. Tom had two different varieties in this field. One fully lodged. The other remained upright.*

† 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:

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. VPM [®] brand seed is distributed by AgVenture, Inc. XL [®] brand seed is distributed by Beck's Superior Hybrids. Curry [®] , G2 [®] , HPT [®] , RPM [®] , Supreme EX [®] , VPM [®] 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

BG	Balance™ GT
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 unavailable	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
AG	ArmourGuard™	IS	Intego™ Suite
AM	ApronMaxx [®]	MAG	Maximum ArmourGuard™
ASfi	AgriShield [®] F+I	Me	Mertect [®]
AVB	Avicta [®] Complete Beans	Mg	Magnum ST™ (standard)
AVBV	Avicta [®] Complete Beans with Vibrance [®]	NCFI	N-Compass™ Plus F/I
CCB	Clariva™ Complete Beans	None	untreated
CI	Clariva™ pn	Pd	proTect D™
CMB	CruiserMaxx [®] Beans	Pdi	proTect D/I™
CMBV	CruiserMaxx [®] Beans with Vibrance [®]	PG+	Profit Guard +™
DPHB	DPH Boost [®]	PS	MAS Pro-Shield
DST	Dominance™ ST	PV	Poncho [®] /Votivo [®]
DX	Defend™ Extra	SDPI	Servo™ DPI
EcTC	Eclipse™ 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 [®]	TE	Trius Elite™
EQV	Equity [®] VIP	TT	Turbo Treat™
Es	Escalate™	W	Warden [®] CX
F	fungicide	Wr	Warden [®] RTA
G	Gaucha [®]	YPP	YP Pro™

* Seed treatments may include unspecified plant health promoting components.