

2017 Soybean Top 30 Harvest Report

Missouri Central [MOCE] WESTON

Jeff Gaskill, Platte County, MO 64098



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

PREV. CROP/HERB: Corn / Degree Xtra, Impact, Roundup, Force
 SOIL DESCRIPTION: Haynie silt loam, moderately drained, non-irrigated
 SOIL CONDITIONS: Low P, very high K, 7.8 pH, 1.8% OM, 16.7 CEC
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Authority First, Zidua, Flexstar, Select Max
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: May 16 140,000 /A 30" Spacing
 HARVESTED - STAND: Oct 25 110,600 /A

All-Season Test
Maturity Group 3.6 - 4.5
 S2017MOCE01

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
Bayer	CZ3601LL	LL	3.6	R	62.3	10.8	2	116.2	\$561	1
Lewis	3682X	RRX	3.6	R	61.3	11.0	1	119.1	\$552	2
Bayer	CZ4222LL	LL	4.2	MR	61.2	10.6	5	113.3	\$551	3
Pfister	37RS01	RR2Y,ST	3.7	R	60.6	10.8	11	107.4	\$545	4
Bayer	CZ4168EXP	BG	4.1	R	59.6	10.9	5	104.5	\$536	5
Lewis	4462X	RRX,ST	4.4	R	59.4	11.0	11	107.4	\$535	6
Bayer	CZ3945LL	LL	3.9	R	59.3	10.9	2	107.4	\$534	7
Golden Harvest	GH4542X	RRX	4.5	R	59.2	10.8	2	110.4	\$533	8
Pfister	36R207	RR2Y	3.6	R	58.6	10.7	2	113.3	\$527	9
FS HiSoy	HS 41X70	RRX,ST	4.1	R	58.6	10.9	2	119.1	\$527	10
Pfister	41RS02	RR2Y,ST	4.1	R	58.0	10.9	14	116.2	\$522	11
Bayer	CZ3841LL	LL	3.8	R	57.8	10.6	14	104.5	\$520	12
Champion	40X98N	RRX	4.0	R	57.7	11.0	4	119.1	\$519	13
Lewis	4272X	RRX,ST	4.2	R	57.3	10.7	26	122.0	\$516	14
Golden Harvest	GH3982X	RRX	3.9	R	57.0	10.6	9	104.5	\$513	15
Pioneer	P38T42R §	RR	3.8	R	57.0	10.6	15	104.5	\$513	16
AgriGold	G3690RX	RRX	3.6	R	56.9	10.9	1	101.6	\$512	17
Lewis	4182X	RRX,ST	4.1	R	56.3	11.1	2	110.4	\$507	18
MorSoy	MS3907RXT	RRX	3.9	R	56.3	10.7	3	104.5	\$507	19
MorSoy	MS4327RXT	RRX	4.3	R	55.9	10.8	2	104.5	\$503	20
Pfister	39R201	RR2Y	3.9	R	55.7	11.1	2	113.3	\$501	21
Pioneer	P44T63R §	RR	4.4	R	55.6	10.9	2	104.5	\$500	22
Stine	43RE02 §	RR2Y	4.3	R	55.6	10.9	3	107.4	\$500	23
Asgrow	AG43X7 §	RRX,ST	4.3	R	55.5	11.1	7	104.5	\$500	24
FS HiSoy	HS 42X50	RRX	4.2	R	54.7	10.8	1	110.4	\$492	25
Pioneer	P36T86R §	RR	3.6	R	54.6	10.8	3	110.4	\$491	26
FS HiSoy	HS 39X70	RRX	3.9	R	54.4	10.8	2	113.3	\$490	27
Asgrow	AG36X6 §	RRX	3.6	R	54.3	10.8	1	104.5	\$489	28
Lewis	4161X	RRX	4.1	MR	54.2	10.8	1	101.6	\$488	29
Bayer	CZ4105LL	LL	4.1	R	54.2	11.1	1	113.3	\$488	30

Averages = **54.0** **10.9** **4** **110.6** **\$486**
 LSD (0.10) = 4.3 ns 3.8
 LSD (0.25) = 2.3 ns 2.0
 C.V. = 7.6

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: *Jeff, our host farmer, mentioned it's been tough in this area. Either it was too wet early in the season, or too dry throughout. "We just didn't get a lot of rain," said Jeff. The trial did well considering. Stands were uniform. In August, spider mites were seen on the field edges, not in the plots. No weeds were present at harvest. No diseases observed. Minimal lodging and average seed size noted.*

† 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	Gaicho [®]	YPP	YP Pro™

* Seed treatments may include unspecified plant health promoting components.