

FIRST logo

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

2019 Soybeans Top 30 Harvest Report

Missouri Central [MOCE] SWEET SPRINGS, MO
Bruce Strobel, Johnson County, MO 64020

All-Season Test 3.5 - 4.6 Day CRM
S2019MOCE02

Top 30 of 54 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Soybean / XtendiMax
SOIL DESCRIPTION: Arisburg silt loam, moderately
drained, non-irrigated

SOIL CONDITION: high P, medium K, 6.3 pH,
2.8% OM, 13.4 CEC

TILLAGE/CULTIVATION: No-Till

PEST MANAGEMENT: Zidua, Glyphosate

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

SEEDED - RATE - ROW: Jun 13 140.0 /A
30" spacing

HARVESTED - STAND: Nov 5 133.5 /A

TEST COMMENTS:

Trial planted excellent into this clean, no-till seedbed. Great emergence. Mid-summer site visits revealed a uniform trial taking shape. Seemed to take full advantage of mid and late-summer rainfall. Not a weed in the site, and no lodging observed. Pods filled out well to top of the plants. With mature plants and no green-stem present, harvest was efficient.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
STINE	36EA02 §	E3	3.6	R	65.4	11.5	1	143.3	572	1
PIONEER	P42A96X §	RRX	4.2	MR	65.4	11.9	1	133.6	572	2
DONMARIO	DM 3756E	E3	3.7	R	64.3	11.6	1	127.8	563	3
DONMARIO	DM 41P2X	RRX	4.1	R	63.9	11.7	1	137.5	559	4
DONMARIO	DM 3932E	E3	3.9	R	63.9	11.7	1	135.5	559	5
FS HISOY	HS 41X70	RRX,ST	4.1	R	63.2	11.8	1	133.6	553	6
FS HISOY	HS 46X90	RRX	4.6	R	62.3	11.8	1	129.7	545	7
NK BRAND	S43-V3X	RRX	4.3	R	62.3	11.8	1	127.8	545	8
LEWIS	4182X	RRX,ST	4.1	R	62.0	11.7	1	133.6	542	9
ASGROW	AG44X0 §	RRX	4.4	R	61.7	11.7	1	133.6	540	10
NK BRAND	S39-G2X §	RRX	3.9	R	61.2	11.5	1	133.6	536	11
CREDENZ	CZ 3519GTLL	LG27	3.5	MR	61.2	11.7	2	133.6	536	12
NK BRAND	S35-K9X	RRX	3.5	R	61.0	11.5	1	131.7	534	13
GOLDEN HARVEST	GH3728X	RRX	3.7	R	60.9	11.7	1	135.5	533	14
CREDENZ	CZ4240GTLL	LG27	4.2	MR	60.6	11.7	1	135.5	530	15
STINE	39EA02 §	E3	3.9	R	60.3	11.5	1	137.5	528	16
GOLDEN HARVEST	GH4307X	RRX	4.3	R	59.3	11.6	1	135.5	519	17
FS HISOY	HS 43X60	RRX,ST	4.3	R	59.2	11.5	2	135.5	518	18
FS HISOY	HS 39X70	RRX	3.9	R	58.7	11.7	1	129.7	514	19
PIONEER	P40A47X §	RRX	4.0	R	58.7	11.6	1	135.5	514	20
FS HISOY	HS 35X90	RRX	3.5	R	58.7	11.3	1	131.7	514	21
NK BRAND	S37-A4X §	RRX	3.7	R	58.7	11.4	1	135.5	514	22
DYNA-GRO	S41XS98	RRX,ST	4.1	R	58.4	11.8	1	129.7	511	23
FS HISOY	HS 42X90	RRX	4.2	R	58.2	11.6	1	131.7	509	24
PIONEER	P37A78X §	RRX	3.7	MR	58.2	11.8	5	133.6	509	25
FS HISOY	HS 37X70	RRX	3.7	R	58.1	11.7	1	122.0	508	26
NK BRAND	S46-W2X	RRX, ST	4.6	R	58.1	11.8	1	129.7	508	27
GOLDEN HARVEST	GH3934X	RRX	3.9	R	58.1	11.8	1	129.7	508	28
LEWIS	4272X	RRX,ST	4.2	R	57.9	11.7	3	135.5	507	29
ASGROW	AG39X7 GC	RRX,ST	3.9	R	57.9	11.7	2	143.3	507	30

Averages = **58.2** **11.7** **1** **133.5** **509**

LSD (0.10) = 3.3 0.2 1

LSD (0.25) = 1.7 0.1 1

C.V. = 5.4

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Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$8.75; non-GMO = \$8.75

Report Date: 11/06/2019

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different

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2019 Soybeans - Missouri Central [MOCE]

All-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	SCN	RM
ASGROW	AG36X6 §	RRX	R	3.6
ASGROW	AG39X7 GC	RRX,ST	R	3.9
ASGROW	AG41X8 GC	RRX,ST	R	4.1
ASGROW	AG42X9 GC	RRX	R	4.2
ASGROW	AG43X0 §	RRX,ST	R	4.3
ASGROW	AG44X0 §	RRX	R	4.4
CREDENZ	CZ 3519GTLL	LG27	MR	3.5
CREDENZ	CZ 3660GTLL	LG27	MR	3.6
CREDENZ	CZ 3929GTLL	LG27	R	3.9
CREDENZ	CZ4240GTLL	LG27	MR	4.2
CREDENZ	CZ 4539GTLL	LG27	R	4.5
CREDENZ	CZ 4610GTLL	LG27	MR	4.6
DONMARIO	DM 3756E	E3	R	3.7
DONMARIO	DM 37M3X	RRX	R	3.7
DONMARIO	DM 3932E	E3	R	3.9
DONMARIO	DM 41P2X	RRX	R	4.1
DYNA-GRO	S41XS98	RRX,ST	R	4.1
DYNA-GRO	S42EN89	E3	R	4.2
DYNA-GRO	S43XS70	RRX,ST	R	4.3
FS HISOY	HS 35X90	RRX	R	3.5
FS HISOY	HS 37X70	RRX	R	3.7
FS HISOY	HS 39X70	RRX	R	3.9
FS HISOY	HS 41X70	RRX,ST	R	4.1
FS HISOY	HS 42X90	RRX	R	4.2
FS HISOY	HS 43X60	RRX,ST	R	4.3
FS HISOY	HS 44X90	RRX	R	4.4
FS HISOY	HS 46X90	RRX	R	4.6
GOLDEN HARVEST	GH3728X	RRX	R	3.7
GOLDEN HARVEST	GH3934X	RRX	R	3.9
GOLDEN HARVEST	GH4240XS	RRX,ST	R	4.2
GOLDEN HARVEST	GH4307X	RRX	R	4.3
GOLDEN HARVEST	GH4531XS	RRX, ST	R	4.5
GOLDEN HARVEST	GH4628X	RRX	R	4.6
LEWIS	3682X	RRX	R	3.6
LEWIS	3803X	RRX	MR	3.8
LEWIS	3872X	RRX	R	3.8

Company/Brand	Brand/Product	Technology	RM	SCN
LEWIS	4091X	RRX	R	4.0
LEWIS	4182X	RRX,ST	R	4.1
LEWIS	4272X	RRX,ST	R	4.2
LEWIS	4393X	RRX,ST	R	4.3
LEWIS	4572X	RRX,ST	R	4.5
NK BRAND	S35-K9X	RRX	R	3.5
NK BRAND	S37-A4X §	RRX	R	3.7
NK BRAND	S39-G2X §	RRX	R	3.9
NK BRAND	S42-B9XS §	RRX, ST	R	4.2
NK BRAND	S43-V3X	RRX	R	4.3
NK BRAND	S46-W2X	RRX, ST	R	4.6
PIONEER	P37A78X §	RRX	MR	3.7
PIONEER	P40A47X §	RRX	R	4.0
PIONEER	P42A96X §	RRX	MR	4.2
STINE	36EA02 §	E3	R	3.6
STINE	39EA02 §	E3	R	3.9
STINE	41EA12 GC	E3	R	4.1
STINE	41GA02 §	LG27	R	4.1

Footnotes and Abbreviations Descriptions

Brand Footnotes

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 Cyst Nematode (SCN) Resistance Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

Soybeans Technologies*

E3	Enlist E3™
LG27 or G27	LibertyLink® 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
