

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

2019 Soybeans Top 30 Harvest Report

Missouri North [MONO] GREENTOP, MO
Terry Sevits, Schuyler County, MO 63546

All-Season Test	3.2 - 4.3 Day CRM S2019MONO03
Top 30 of 60	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Corvus, Force 3G
SOIL DESCRIPTION:	Edina-Seymour silty clay loam, moderately drained, non- irrigated
SOIL CONDITION:	low P, medium K, 6.2 pH, 3.2% OM, 14.2 CEC
TILLAGE/CULTIVATION:	Minimum W/O Fall Till
PEST MANAGEMENT:	Sonic, Zidua, Glyphosate
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	Jun 11 140.0 /A 30" spacing
HARVESTED - STAND:	Nov 7 128.9 /A

TEST COMMENTS:

Trial planting went well. Additional layers of Zidua and glyphosate herbicides were applied early post-emerge, with the plot in good shape. Subsequent site visits revealed signs of off-target dicamba injury. During harvest it was apparent. All non-Xtend entries were much shorter in height with shortened internodes. Due to damage, this trial will not be included in the regional performance summary. Statistics presented are for only the Xtend varieties.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NK BRAND	S43-V3X	RRX	4.3	R	70.1	10.6	5	135.5	613	1
GOLDEN HARVEST	GH4240XS	RRX,ST	4.2	R	67.9	10.7	1	137.5	594	2
GOLDEN HARVEST	GH4307X	RRX	4.3	R	67.7	10.5	1	123.9	592	3
NK BRAND	S42-B9XS §	RRX, ST	4.2	R	67.3	10.7	1	127.8	589	4
CHAMPION	40X98N	RRX	4.0	R	66.8	10.4	1	129.7	584	5
NK BRAND	S39-G2X §	RRX	3.9	R	66.6	10.4	1	127.8	583	6
CHAMPION	38X97N	RRX	3.8	R	66.4	10.4	1	127.8	581	7
FS HISOY	HS 39X70	RRX	3.9	R	66.2	10.4	1	123.9	579	8
LEWIS	4393X	RRX,ST	4.3	R	65.8	10.5	1	129.7	576	9
LEWIS	3405X	RRX	3.4	MR	65.6	10.3	1	137.5	574	10
ASGROW	AG43X0 §	RRX,ST	4.3	R	65.1	10.9	1	123.9	570	11
GOLDEN HARVEST	GH3546X	RRX	3.5	R	64.8	10.3	1	125.9	567	12
DONMARIO	DM 41P2X	RRX	4.1	R	64.7	10.5	1	129.7	566	13
PIONEER	P42A96X §	RRX	4.2	MR	64.3	10.7	1	133.6	563	14
FS HISOY	HS 42X90	RRX	4.2	R	64.1	10.7	1	131.7	561	15
NK BRAND	S35-K9X	RRX	3.5	R	63.9	10.2	1	129.7	559	16
LEWIS	3682X	RRX	3.6	R	63.8	10.3	1	129.7	558	17
GOLDEN HARVEST	GH3934X	RRX	3.9	R	63.7	10.4	1	129.7	557	18
DYNA-GRO	S37XS89	RRX,ST	3.7	R	63.6	10.6	1	116.2	556	19
DYNA-GRO	S39XT68	RRX	3.9	R	63.6	10.5	1	118.1	556	20
LEWIS	4182X	RRX,ST	4.1	R	63.4	10.7	1	123.9	555	21
FS HISOY	HS 41X70	RRX,ST	4.1	R	63.1	10.7	1	135.5	552	22
DYNA-GRO	S41XS98	RRX,ST	4.1	R	63.0	10.6	1	122.0	551	23
LEWIS	4091X	RRX	4.0	R	62.9	10.4	1	120.1	550	24
GOLDEN HARVEST	GH3728X	RRX	3.7	R	61.5	10.4	1	131.7	538	25
LEWIS	3803X	RRX	3.8	MR	61.1	10.4	1	125.9	535	26
FS HISOY	HS 43X60	RRX,ST	4.3	R	60.9	11.1	2	131.7	533	27
NK BRAND	S37-A4X §	RRX	3.7	R	60.2	10.3	1	137.5	527	28
DONMARIO	DM 37M3X	RRX	3.7	R	60.1	10.4	1	127.8	526	29
CHAMPION	35X78N	RRX	3.5	R	59.9	10.4	1	133.6	524	30

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Averages = **62.5** **10.5** **1** **128.9** **383**

LSD (0.10) = 2.8 0.2 1

LSD (0.25) = 1.5 0.1 0

C.V. = 4.3

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

2019 Soybeans - Missouri North [MONO]

All-Season Test Products (60 Total)

Company/Brand	Product/Brand	Technology	SCN	RM
ASGROW	AG39X7 §	RRX,ST	R	3.9
ASGROW	AG41X8 §	RRX,ST	R	4.1
ASGROW	AG43X0 §	RRX,ST	R	4.3
CHAMPION	32X40N	RRX	R	3.2
CHAMPION	35X78N	RRX	R	3.5
CHAMPION	38X97N	RRX	R	3.8
CHAMPION	40X98N	RRX	R	4.0
DONMARIO	DM 37M3X	RRX	R	3.7
DONMARIO	DM 41P2X	RRX	R	4.1
DYNA-GRO	S37XS89	RRX,ST	R	3.7
DYNA-GRO	S39XT68	RRX	R	3.9
DYNA-GRO	S41XS98	RRX,ST	R	4.1
FS HISOY	HS 32X90	RRX	R	3.2
FS HISOY	HS 34X60	RRX	R	3.4
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
GOLDEN HARVEST	GH3546X	RRX	R	3.5
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
LEWIS	3304X	RRX	MR	3.3
LEWIS	3405X	RRX	MR	3.4
LEWIS	3572X	RRX	R	3.5
LEWIS	3682X	RRX	R	3.6
LEWIS	3803X	RRX	MR	3.8
LEWIS	4091X	RRX	R	4.0
LEWIS	4182X	RRX,ST	R	4.1
LEWIS	4393X	RRX,ST	R	4.3
NK BRAND	S33-D7X	RRX	R	3.3
NK BRAND	S35-K9X	RRX	R	3.5
NK BRAND	S37-A4X §	RRX	R	3.7

Company/Brand	Brand/Product	Technology	RM	SCN
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
PIONEER	P37A78X §	RRX	MR	3.7
PIONEER	P40A47X §	RRX	R	4.0
PIONEER	P42A96X §	RRX	MR	4.2

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
