

2019 Soybeans Top 30 Performance Summary for Missouri North [MONO]

All-Season Test

3.2 - 4.3 Day CRM

S2019MONO

Top 30 of 60

For Gross Income (Sorted by Yield), (6) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	SCN	Yield Bu/A	Protein (%)	Oil (%)	Moisture %	Lodging %	Gross Income \$/Acre	Income Rank	Chillicothe	Greentop REJECTED	Palmyra No Results	St. Joseph
DONMARIO	DM 3756E	E3	3.7	R	<b>59.2</b>	33.7	<b>20.3</b>	12.1	1	517	1	<b>61.0</b>			<b>57.4</b>
DONMARIO	DM 3932E	E3	3.9	R	<b>58.9</b>	34.7	19.4	12.7	1	515	2	<b>63.9</b>			53.8
PIONEER	P40A47X §	RRX	4.0	R	<b>58.5</b>	<b>36.2</b>	18.9	12.4	1	512	3	<b>62.8</b>			54.2
FS HISOY	HS 32X90	RRX	3.2	R	<b>57.8</b>	34.6	19.0	11.9	1	505	4	<b>60.5</b>			55.1
CREDENZ	CZ3930GTLL	LG27	3.9	MR	<b>57.5</b>	33.6	<b>20.2</b>	13.9	1	502	5	58.4			<b>56.5</b>
PIONEER	P42A96X §	RRX	4.2	MR	57.4	34.0	<b>20.2</b>	12.9	1	501	6	58.0			<b>56.7</b>
CHAMPION	3499EN	E3	3.4	R	57.3	33.5	<b>20.6</b>	12.3	1	501	7	58.1			<b>56.6</b>
CREDENZ	CZ 3519GTLL	LG27	3.5	MR	57.1	35.3	<b>19.8</b>	12.0	3	500	8	56.8			<b>57.5</b>
GOLDEN HARVEST	GH4307X	RRX	4.3	R	57.0	33.8	<b>19.8</b>	13.3	4	498	9	57.0			<b>56.9</b>
FS HISOY	HS 43X60	RRX,ST	4.3	R	56.8	34.9	18.7	18.0	3	497	13	<b>59.6</b>			54.1
DYNA-GRO	S39EN19	E3	3.9	R	56.7	34.6	<b>19.7</b>	12.2	1	496	10	56.4			<b>57.0</b>
GOLDEN HARVEST	GH3728X	RRX	3.7	R	56.4	35.1	19.6	12.2	1	493	11	<b>59.2</b>			53.6
GOLDEN HARVEST	GH3546X	RRX	3.5	R	56.4	34.2	<b>20.0</b>	12.1	1	493	12	<b>60.6</b>			52.1
ASGROW	AG43X0 §	RRX,ST	4.3	R	56.1	35.0	19.0	15.6	3	488	18	55.2			<b>57.0</b>
DONMARIO	DM 41P2X	RRX	4.1	R	56.1	35.4	19.2	12.8	1	491	14	57.6			54.6
LEWIS	4182X	RRX,ST	4.1	R	56.0	34.9	18.5	14.1	1	489	15	55.7			<b>56.3</b>
GOLDEN HARVEST	GH3934X	RRX	3.9	R	55.8	<b>35.6</b>	19.1	12.0	1	488	16	<b>59.9</b>			51.8
PIONEER	P37A78X §	RRX	3.7	MR	55.8	35.0	19.6	12.1	4	488	17	57.2			54.4
NK BRAND	S35-K9X	RRX	3.5	R	55.8	34.1	<b>19.9</b>	12.1	1	488	19	<b>59.1</b>			52.5
FS HISOY	HS 39X70	RRX	3.9	R	55.8	35.3	18.9	12.4	1	488	20	55.8			55.7
FS HISOY	HS 35X90	RRX	3.5	R	55.7	35.4	19.4	11.7	1	487	21	57.3			54.1
STINE	39EA02 §	E3	3.9	R	55.6	35.1	19.3	12.5	2	486	22	55.6			55.6
CHAMPION	35X78N	RRX	3.5	R	55.4	<b>35.5</b>	19.6	12.0	1	485	23	56.5			54.4
LEWIS	4091X	RRX	4.0	R	54.9	35.3	19.5	12.3	1	480	24	54.5			55.3
DYNA-GRO	S37EN39	E3	3.7	R	54.9	33.5	<b>20.5</b>	12.1	1	480	25	55.4			54.4
CREDENZ	CZ 3309GTLL	LG27	3.3	R	54.7	34.6	<b>20.0</b>	12.5	1	478	26	54.4			55.0
FS HISOY	HS 42X90	RRX	4.2	R	54.6	34.7	19.7	14.1	2	476	28	53.7			55.5
DYNA-GRO	S41XS98	RRX,ST	4.1	R	54.5	35.3	19.4	12.5	3	477	27	58.0			51.1
NK BRAND	S43-V3X	RRX	4.3	R	54.4	34.0	<b>19.7</b>	13.6	3	476	29	54.2	70.1		54.7
CHAMPION	38X97N	RRX	3.8	R	54.3	35.0	19.3	12.7	2	476	30	55.5	66.4		53.2

Not in Summary due to dicamba drift injury

Not planted due to weather delays

*William Schelp*

<b>Averages =</b>	<b>53.9</b>	<b>34.9</b>	<b>19.4</b>	<b>12.6</b>	<b>1</b>	<b>471</b>	<b>54.7</b>	<b>62.5</b>	<b>53.0</b>
LSD (0.10) =	3.6	0.6	0.3	1.0	1		3.7	2.8	2.9
LSD (0.25) =	1.9	0.3	0.2	0.5	1		1.9	1.5	1.5

William Schelp

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**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$8.75; non-GMO = \$8.75

† 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. \*There were 2 reps for the site.

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## 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	3499EN	E3	R	3.4
CHAMPION	35X78N	RRX	R	3.5
CHAMPION	38X97N	RRX	R	3.8
CHAMPION	40X98N	RRX	R	4.0
CHAMPION	4220GTLL	LG27	R	4.2
CHAMPION	4230EN	E3	R	4.2
CREDENZ	CZ 3309GTLL	LG27	R	3.3
CREDENZ	CZ 3519GTLL	LG27	MR	3.5
CREDENZ	CZ 3660GTLL	LG27	MR	3.6
CREDENZ	CZ 3750GTLL	LG27	MR	3.7
CREDENZ	CZ 3840GTLL	LG27	MR	3.8
CREDENZ	CZ 3929GTLL	LG27	R	3.9
CREDENZ	CZ3930GTLL	LG27	MR	3.9
CREDENZ	CZ4240GTLL	LG27	MR	4.2
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	S37EN39	E3	R	3.7
DYNA-GRO	S37XS89	RRX,ST	R	3.7
DYNA-GRO	S39EN19	E3	R	3.9
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

Company/Brand	Brand/Product	Technology	RM	SCN
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
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
STINE	39EA02 §	E3	R	3.9
STINE	41EA12 §	E3	R	4.1
STINE	41GA02 §	LG27	R	4.1

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

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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

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

### Soybeans Technologies\*

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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