

2018 Soybean Top 30 Performance Summary for Missouri North [MONO]



Early-Season Test
Maturity Group 3.2 - 3.8

Top 30 of 42

S2018MONOa

For Gross Income (Sorted by Yield), (12) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A ↓	Protein %	Oil %	Moisture %	Lodging %	Gross Income		Blue Ridge		Palmyra	
										\$/Acre	Rank	Greentop	St. Joseph		
AgriGold	G3830RX	RRX	3.8	R	55.5	34.5	19.2	11.3	3	\$444	1	40.5	59.8	62.6	59.1
Lewis	3682X	RRX	3.6	R	54.7	35.4	19.3	11.4	3	\$438	2	43.6	55.4	60.5	59.1
FS HiSoy	HS 34X60	RRX	3.4	R	54.1	34.6	19.7	11.4	1	\$433	3	37.1	55.4	68.2	55.6
LG Seeds	C3550RX	RRX	3.5	R	53.8	35.0	19.5	11.3	1	\$430	4	40.4	56.9	69.3	48.5
Great Heart	GT-3711XS	RRX,ST	3.7	R	53.8	35.5	18.9	11.7	2	\$430	5	39.3	56.9	58.7	60.3
NK Brand	S35-K9X §	RRX	3.5	R	53.6	33.6	19.6	11.5	2	\$429	6	39.9	54.4	64.2	55.9
Credenz	CZ3738LL	LL	3.7	MR	53.5	34.3	19.3	11.6	1	\$428	7	40.6	55.1	60.5	57.8
Champion	35X78N	RRX	3.5	R	53.3	34.6	19.6	11.2	1	\$426	8	38.2	56.6	65.4	53.0
LG Seeds	LGS3777RX	RRX	3.7	R	53.3	34.9	19.2	11.6	2	\$426	9	38.0	56.3	62.8	56.2
ProHarvest	3838X	RRX	3.8	R	53.3	33.6	20.2	11.3	4	\$426	10	41.6	59.6	55.6	56.4
Lewis	3872X	RRX	3.8	R	53.0	34.5	19.2	11.7	2	\$424	11	43.4	57.7	58.2	52.6
AgriGold	G3722RX	RRX,ST	3.7	R	52.9	35.9	18.7	11.3	2	\$423	12	38.1	58.7	58.9	55.8
FS HiSoy	HS 37X70	RRX	3.7	R	52.9	35.1	18.3	11.5	2	\$423	13	41.1	59.1	61.5	50.0
Champion	34X97N	RRX	3.4	R	52.4	34.3	19.7	11.3	1	\$419	14	37.7	53.8	61.4	56.8
FS HiSoy	HS 33X80	RRX	3.3	R	52.2	35.3	19.2	11.4	1	\$418	15	36.6	50.9	66.1	55.3
Credenz	CZ3601LL	LL	3.6	R	52.2	34.5	19.7	11.4	2	\$418	16	38.3	52.9	66.5	51.0
Credenz	CZ3548LL	LL	3.5	MR	52.1	33.6	20.4	11.6	1	\$417	17	34.7	55.6	65.9	52.2
Golden Harvest	GH3475X	RRX	3.4	R	52.1	34.5	19.8	11.4	2	\$417	18	35.2	50.6	59.4	63.1
Champion	38X97N	RRX	3.8	R	51.9	33.8	19.6	11.3	2	\$415	19	43.0	57.1	52.4	55.2
ProHarvest	3427X	RRX	3.4	R	51.7	34.6	19.6	11.5	1	\$414	21	37.5	55.0	62.8	51.6
Lewis	3792X	RRX	3.7	R	51.6	34.3	18.8	11.5	2	\$413	22	40.7	57.6	57.7	50.5
Asgrow	AG36X6 §	RRX	3.6	R	51.5	35.1	19.2	11.4	2	\$412	23	42.2	54.8	56.2	52.9
Champion	36X38N	RRX	3.6	R	51.4	36.7	18.1	11.9	2	\$411	24	39.8	57.6	55.2	52.8
Pioneer	P38A98X §	RRX	3.8	R	51.4	34.3	18.8	11.9	2	\$411	25	38.0	59.6	53.6	54.5
Pfister	32R201	RR2Y	3.2	R	51.1	34.5	19.5	11.5	2	\$409	26	39.0	50.9	61.7	52.8
Stine	37LF23 §	LL	3.7	R	50.7	33.0	19.8	11.6	4	\$406	27	42.6	52.1	52.0	56.1
Credenz	CZ3841LL	LL	3.8	R	50.7	34.5	19.6	11.6	5	\$406	28	39.2	48.7	62.0	52.8
Renk	RS379NX	RRX	3.7	R	50.5	35.1	19.0	11.5	2	\$404	29	38.0	52.4	57.2	54.4
ProHarvest	EC18390	None	3.9	R	50.3	35.5	19.9	11.6	2	\$402	30	38.5	54.4	52.4	55.8
ProHarvest	3528C	None	3.5	R	50.3	34.6	19.6	12.0	5	\$402	31	42.4	58.4	49.7	50.6
Pioneer	P40A47X CK	RRX	4.0	R	51.7	34.7	19.0	11.4	1	\$414	20	36.3	55.7	59.6	55.3

Averages =	51.6	34.5	19.4	11.5	2	\$413	38.6	54.4	59.1	54.1
LSD (0.10) =	3.1	0.7	0.3	0.3	2		3.1	3.7	6.2	3.9
LSD (0.25) =	1.6	0.4	0.2	0.2	1		1.6	1.9	3.3	2.0

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Previous years average yield for region, 53.4 bu/a, 6 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.00 GMO; \$8.00 non-GMO

† See last page for additional information. Dark shaded row identifies the check product found in early- and full-season tests. Bold results are significantly above test average by LSD (0.10). ns = not significantly different; ‡ = 2 reps.

Additional reports available at www.firstseedtests.com.

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Report Date: 11/27/2018 Revised: 12/11/2018 Protein and oil results added

2018 Soybean Top 30 Performance Summary for Missouri North [MONO]



Full-Season Test
Maturity Group 3.9 - 4.3

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S2018MONOb

For Gross Income (Sorted by Yield), (12) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A ↓	Protein %	Oil %	Moisture %	Lodging %	Gross Income		Blue Ridge		Palmyra	
										\$/Acre	Rank	Greentop	St. Joseph		
Champion	42XS39N	RRX,ST	4.2	R	56.5	34.7	19.0	11.5	1	\$452	1	41.9	57.8	68.3	57.9
Great Heart	GT-4231XS	RRX,ST	4.2	R	56.0	34.0	19.3	11.5	1	\$448	2	42.4	51.7	68.6	61.4
AgriGold	G3980RX	RRX	3.9	R	55.1	36.0	18.3	11.5	1	\$441	3	40.1	55.0	66.3	59.0
FS HiSoy	HS 41X70	RRX,ST	4.1	R	54.9	35.1	18.8	11.3	1	\$439	4	39.7	59.1	66.1	54.5
Lewis	4393X	RRX,ST	4.3	R	54.1	33.3	19.5	11.2	1	\$433	5	39.9	58.5	63.9	53.9
Dyna-Gro	S41XS98	RRX,ST	4.1	R	53.9	35.1	19.0	11.5	1	\$431	6	40.6	56.9	63.0	54.9
Asgrow	AG39X7 §	RRX,ST	3.9	R	53.8	35.1	18.7	11.2	1	\$430	7	38.7	53.5	60.6	62.2
Golden Harvest	GH3982X §	RRX	3.9	R	53.8	34.3	19.8	11.5	1	\$430	8	43.4	58.8	54.8	58.0
FS HiSoy	HS 43X60	RRX,ST	4.3	R	53.8	34.0	18.6	11.4	2	\$430	9	39.7	59.9	60.4	55.0
Dyna-Gro	S39XT68	RRX	3.9	R	53.5	35.5	18.4	11.4	1	\$428	10	35.3	56.5	59.6	62.6
Lewis	4182X	RRX,ST	4.1	R	53.5	35.3	18.2	11.5	1	\$428	11	38.8	60.0	58.2	56.9
Lewis	4091X	RRX	4.0	R	53.4	35.0	18.9	11.2	1	\$427	12	41.9	54.2	57.9	59.4
LG Seeds	C3985RX	RRX	3.9	R	53.4	35.8	18.4	11.5	1	\$427	13	38.4	52.7	63.1	59.4
ProHarvest	3927X	RRX	3.9	R	53.2	35.3	18.7	11.6	1	\$426	14	38.3	51.2	60.6	62.6
Lewis	4272X	RRX,ST	4.2	R	53.2	34.6	18.5	11.4	4	\$426	15	43.6	55.6	57.2	56.4
FS HiSoy	HS 39X70	RRX	3.9	R	53.1	35.0	18.8	11.4	1	\$425	16	39.1	54.6	62.4	56.1
Golden Harvest	GH4240XS §	RRX,ST	4.2	R	53.1	34.4	19.3	11.6	1	\$425	17	41.2	54.5	59.9	56.7
AgriGold	G4190RX	RRX,ST	4.1	R	53.1	35.0	19.0	11.8	1	\$425	18	38.8	52.3	66.7	54.4
Credenz	CZ4222LL	LL	4.2	MR	52.9	33.6	19.5	11.4	1	\$423	19	41.8	51.8	61.8	56.3
ProHarvest	4366CR2Y	RR2Y	4.3	R	52.9	34.8	19.2	11.5	1	\$423	20	39.9	55.1	57.1	59.3
NK Brand	S39-P5X	RRX	3.9	R	52.5	33.6	20.1	11.2	1	\$420	21	37.4	55.1	61.8	55.5
Lewis	4372X	RRX,ST	4.3	R	52.2	34.7	18.5	11.3	2	\$418	22	40.6	57.5	57.2	53.3
NK Brand	S41-T4L	LL	4.1	R	51.5	35.9	19.3	11.4	1	\$412	24	36.3	51.5	61.5	56.5
Champion	40X98N	RRX	4.0	R	51.5	35.3	18.6	11.5	1	\$412	25	39.5	49.8	58.1	58.6
Renk	RS398NX	RRX	3.9	R	51.3	35.5	18.5	11.5	1	\$410	26	37.5	53.4	58.0	56.4
Pioneer	P42A52X §	RRX	4.2	R	51.3	33.1	19.3	11.3	3	\$410	27	40.0	58.3	52.2	54.6
Credenz	CZ4308LL	LL	4.3	MR	50.9	35.0	19.6	11.5	1	\$407	28	38.5	58.0	56.7	50.4
Golden Harvest	GH3980L	LL	3.8	MR	50.4	34.4	19.8	11.4	1	\$403	29	34.8	47.4	60.8	58.7
Champion	43L18N	LL	4.3	R	50.3	35.6	19.3	11.5	1	\$402	30	38.8	57.4	54.9	49.9
Stine	41LF32 GC	LL	4.1	R	49.9	36.0	19.2	11.6	1	\$399	31	33.8	55.3	54.4	55.9
Pioneer	P40A47X CK	RRX	4.0	R	51.6	34.2	19.6	11.2	1	\$413	23	37.8	53.6	58.9	56.0

Averages =	52.3	34.9	19.1	11.4	1	\$418	38.8	54.8	59.1	56.2
LSD (0.10) =	3.0	0.7	0.4	0.2	1		2.6	4.0	4.6	3.9
LSD (0.25) =	1.6	0.4	0.2	0.1	0		1.4	2.1	2.4	2.0

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Previous years average yield for region, 53.4 bu/a, 6 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.00 GMO; \$8.00 non-GMO

† See last page for additional information. Dark shaded row identifies the check product found in early- and full-season tests. **Bold** results are significantly above test average by LSD (0.10). **ns** = not significantly different; ‡ = 2 reps.

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Report Date: 11/27/2018 Revised: 12/11/2018 Protein and oil results added

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Innotech™ is a trademark of Syngenta.
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

G27	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

Soybean Cyst Nematode (SCN) Resistance Rating

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

Soybean Seed Treatments*

?	Information not provided	EE	Evergol™ Energy	PG+	Profit Guard +™
A2020	Alert 2020™	EL	Elevate™ F+I	PS	MAS Pro-Shield
AC	Acceleron® fungicide products	EL+	Elevate™ Plus	PV	Poncho®/Votivo®
ACi	Acceleron® fungicide and insecticide products	En	Encase®	R	Redigo™
AM	ApronMaxx®	EQV	Equity® VIP	Ret	Revize® SB+T
ASfi	AgriShield® F+I	Es	Escalate™	Ri	Rizolex™
AVB	Avicta® Complete Beans	F	fungicide	SF	Stine XP F
AVBV	Avicta® Complete Beans with Vibrance	G	Gaucho®	SFI	Stine XP fungicide & insecticide
BB	Buckeye Boost ST	Gr+	Great Start™ Max Plus	SS	Soyshield™
CCB	Clariva™ Complete Beans	I	insecticide	SS+	Soyshield Plus™
Cl	Clariva™ pn	IL	ILeVO®	TE	Trius Elite™
CMB	CruiserMaxx® Beans	In	Intego™ Solo	TT	Turbo Treat™
CMBV	CruiserMaxx® Beans with Vibrance	IS	Intego™ Suite	W	Warden® CX
DPHB	DPH Boost®	Lu	Lumisena™	Wr	Warden® RTA
DST	Dominance™ ST	Me	Mertect®	YPP	YP Pro™
DX	Defend™ Extra	None	untreated		
EcTC	Eclipse™ US Total coverage	Pd	proTect D™		

* Seed treatments may include unspecified plant health promoting components.