

2019 Soybeans Top 30 Performance Summary for Red River South North Dakota & Minnesota [RRSO]

All-Season Test

0.6 - 1.4 Day CRM

S2019RRSO

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	Rank	Barnesville REJECTED	Great Bend No Results	Milnor	Wheaton
PROSEED	EL 91-23N	E3	1.2	R	47.7	33.8	17.2	13.6	0	388	1	29.7		49.4	45.9
CREDENZ	CZ 0729GTLL	LG27	0.7	MR	45.9	34.3	17.5	13.5	1	374	2	27.0		45.3	46.5
ASGROW	AG11X8 §	RRX	1.1	R	44.2	34.1	17.9	13.7	1	360	3	28.3		50.8	37.6
THUNDER	TE7011N	E3	1.1	R	44.2	34.4	17.9	13.8	1	360	4	31.2		46.1	42.2
LATHAM	L 1192 E3	E3	1.1	R	43.7	33.1	17.6	13.7	1	355	5	27.3		44.8	42.5
LATHAM	L 1359 LLGT27	LG27	1.3	R	43.6	32.5	19.0	14.2	0	354	6	29.6		42.4	44.8
GOLDEN HARVEST	GH1317X	RRX	1.3	R	43.4	32.2	18.9	13.2	1	353	7			51.2	35.5
NK BRAND	S12-R3	RR2Y	1.2	R	43.3	34.5	18.2	13.7	0	352	8			43.4	43.1
TITAN PRO	13E9	E3	1.3	R	43.1	32.6	18.4	13.7	1	351	9			44.8	41.4
CREDENZ	CZ 1470GTLL	LG27	1.4	MR	43.0	33.2	18.8	13.9	0	350	10			41.6	44.4
DYNA-GRO	S09XT50	RRX	0.9	R	42.7	33.6	18.0	13.6	0	348	11			47.2	38.3
ASGROW	AG10X9 §	RRX	1.0	R	42.6	34.4	17.5	13.4	1	346	12			46.4	38.7
HEFTY	H11E0	E3	1.1	R	42.5	33.1	17.7	13.6	1	346	13			45.3	39.6
THUNDER	SB8009N	RRX	0.9	R	42.5	34.2	17.7	13.7	1	346	14			47.2	37.8
LATHAM	L 1039 R2X	RRX	1.0	R	41.8	32.1	19.2	13.4	1	340	15			45.3	38.2
DYNA-GRO	S14XT98	RRX	1.4	R	41.3	33.5	18.9	13.6	1	337	16			43.9	38.8
TITAN PRO	11E9	E3	1.1	R	41.3	33.2	17.9	13.8	1	336	17			40.3	42.4
HEFTY	H14X0	RRX	1.4	R	41.3	32.5	19.3	13.5	0	336	18			46.3	36.3
DYNA-GRO	S11XT78	RRX	1.1	R	41.3	34.3	18.4	13.6	1	336	19			40.9	41.7
LATHAM	L 1438R2	RR2Y	1.4	R	41.2	33.8	18.8	13.4	1	335	20			43.1	39.2
NK BRAND	S10-H7X	RRX	1.0	MR	41.0	34.1	17.8	13.5	0	335	21			45.6	36.5
LATHAM	L 1392 E3	E3	1.3	R	40.5	32.6	18.5	13.7	2	330	22			44.5	36.5
LATHAM	L 0995 E3	E3	0.9	R	40.4	33.3	18.4	13.6	1	329	23			47.8	33.0
LATHAM	L 0883 R2X	RRX	0.8	R	40.3	34.2	17.9	13.5	1	328	25			41.3	39.2
NK BRAND	S14-U9X	RRX	1.4	MR	40.3	33.2	18.6	13.3	1	328	24			43.6	37.0
LATHAM	L 1429 LLGT27	LG27	1.4	R	40.2	33.8	19.1	13.6	0	327	26			40.3	40.1
RENK	RS100NX	RRX	1.0	R	40.2	32.2	19.2	13.4	0	327	27	24.4		42.7	37.6
THUNDER	TE7013N	E3	1.3	R	39.7	32.6	18.7	13.7	1	323	28	30.0		40.8	38.6
THUNDER	SB8010N	RRX	1.0	R	38.9	32.2	19.0	13.3	1	317	29	22.5		44.1	33.7
PROSEED	EL 91-33N	E3	1.3	R	38.8	32.4	18.7	13.6	1	316	30	34.4		39.5	38.0

Data Rejected - Not in Summary
Lost. Due to white mold and ponding issues.

Averages =	38.2	33.4	18.4	13.5	1	311	23.6	41.0	35.5
LSD (0.10) =	4.1	0.6	0.3	0.2	ns		4.9	6.2	4.7
LSD (0.25) =	2.2	0.3	0.2	0.1	ns		2.6	3.3	2.5

Luke Brendemuhl

luke.brendemuhl@firstseedtests.com, (218) 790-4497

Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$8.15

† 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 - Red River South North Dakota & Minnesota [RRSO]

All-Season Test Products (60 Total)

Company/Brand	Product/Brand	Technology	SCN	RM
ASGROW	AG10X9 §	RRX	R	1.0
ASGROW	AG11X8 §	RRX	R	1.1
ASGROW	AG14X0 §	RRX	R	1.4
CREDENZ	CZ 0729GTLL	LG27	MR	0.7
CREDENZ	CZ 1139GTLL	LG27	MR	1.1
CREDENZ	CZ 1280GTLL	LG27	MR	1.2
CREDENZ	CZ 1470GTLL	LG27	MR	1.4
DYNA-GRO	S09XT50	RRX	R	0.9
DYNA-GRO	S11XT78	RRX	R	1.1
DYNA-GRO	S14XT98	RRX	R	1.4
GOLDEN HARVEST	GH0749X	RRX	MR	0.7
GOLDEN HARVEST	GH0936X	RRX	MR	0.9
GOLDEN HARVEST	GH1317X	RRX	R	1.3
HEFTY	H07X0	RRX	R	0.7
HEFTY	H09X1	RRX	R	0.9
HEFTY	H10E0	E3	R	1.0
HEFTY	H10X0	RRX	R	1.0
HEFTY	H11E0	E3	R	1.1
HEFTY	H14X0	RRX	R	1.4
HEFTY	Z0800E	E3	S	0.8
LATHAM	L 0883 R2X	RRX	R	0.8
LATHAM	L 0995 E3	E3	R	0.9
LATHAM	L 1039 R2X	RRX	R	1.0
LATHAM	L 1192 E3	E3	R	1.1
LATHAM	L 1359 LLGT27	LG27	R	1.3
LATHAM	L 1392 E3	E3	R	1.3
LATHAM	L 1429 LLGT27	LG27	R	1.4
LATHAM	L 1438R2	RR2Y	R	1.4
MYCOGEN	MY089E §	E3	S	0.8
MYCOGEN	MY119E §	E3	MR	1.1
MYCOGEN	MY149E §	E3	MR	1.4
NK BRAND	S06-K4X §	RRX	S	0.6
NK BRAND	S07-Q4X §	RRX	MR	0.7
NK BRAND	S09-D4X §	RRX	MR	0.9
NK BRAND	S10-H7X	RRX	MR	1.0
NK BRAND	S12-R3	RR2Y	R	1.2

Company/Brand	Brand/Product	Technology	RM	SCN
NK BRAND	S14-A6	RR2Y	R	1.4
NK BRAND	S14-B2X	RRX	R	1.4
NK BRAND	S14-U9X	RRX	MR	1.4
PROSEED	EL 91-23N	E3	R	1.2
PROSEED	EL 91-33N	E3	R	1.3
PROSEED	XT 90-90N	RRX	R	0.9
RENK	RS039NX	RRX	R	0.3
RENK	RS084NR2	RR2Y	R	0.8
RENK	RS089NX	RRX	R	0.8
RENK	RS100NX	RRX	R	1.0
STINE	07EA36 §	E3	S	0.7
STINE	09EA02 §	E3	R	0.9
STINE	13EA12 §	E3	R	1.3
THUNDER	SB8009N	RRX	R	0.9
THUNDER	SB8010N	RRX	R	1.0
THUNDER	SB8807N	RRX	R	0.7
THUNDER	SB8814N	RRX	R	1.4
THUNDER	TE7009N	E3	R	0.9
THUNDER	TE7011N	E3	R	1.1
THUNDER	TE7013N	E3	R	1.3
THUNDER	TE7910N	E3	R	1.0
TITAN PRO	08E9	E3	S	0.8
TITAN PRO	11E9	E3	R	1.1
TITAN PRO	13E9	E3	R	1.3

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