

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

All-Season Test

00.7 - 0.4 Day CRM

S2019RRNO

Top 30 of 50

For Gross Income (Sorted by Yield), (8) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	SCN	Yield Bu/A	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Cavalier *	East Grand Forks	Hallock	Warren REJECTED
RENK	RS039NX	RRX	0.3	R	40.0	14.5	3	325	1	40.6	35.0	44.4	23.1
ASGROW	AG02X8 §	RRX	0.2	S	39.1	14.5	2	318	2	38.5	35.9	43.1	29.1
GOLDEN HARVEST	GH00866	RR2Y	0.08	NA	38.3	14.4	2	311	3	38.5	37.1	39.3	19.5
DYNA-GRO	S03XT29	RRX	0.3	R	38.3	14.5	2	311	4	39.7	34.0	41.1	22.4
THUNDER	SB87009	RRX	0.09	S	38.3	14.6	4	310	5	33.6	39.2	42.1	23.4
PROSEED	EL 80-093	E3	0.09	S	38.1	14.9	3	309	6	39.0	36.7	38.5	23.4
MYCOGEN	5B024R2 §	RR2Y	0.2	S	38.0	14.7	3	308	7	34.0	37.6	42.3	23.4
THUNDER	SB8903N	RRX	0.3	R	37.6	14.5	1	305	8	37.3	35.6	39.9	23.4
PROSEED	XT 80-20N	RRX	0.2	R	36.9	14.6	3	300	9	40.1	31.9	38.8	23.4
THUNDER	TE7904	E3	0.4	S	36.8	14.6	3	298	10	36.7	33.9	39.8	23.4
STINE	03GA03 §	LG27	0.3	S	36.7	14.9	3	297	11	40.2	36.5	33.5	23.4
CREDENZ	CZ 0309GTLL	LG27	0.3	MR	36.6	14.8	1	297	12	41.4	34.9	33.5	23.4
HEFTY	H04E8	E3	0.4	S	36.5	14.5	1	296	13	39.1	34.8	35.6	23.4
DAHLMAN	6903XN	RRX	0.3	R	36.4	14.5	2	295	14	34.6	36.2	38.5	23.4
DYNA-GRO	S009XT68	RRX	0.09	S	36.3	14.5	3	295	15	38.0	34.5	36.5	23.4
MYCOGEN	5B033R2 §	RR2Y	0.3	S	36.1	14.5	6	293	16	40.5	29.4	38.4	27.3
LATHAM	L 0282R2X	RRX	0.2	R	35.9	14.4	3	291	17	40.0	35.6	32.0	23.4
THUNDER	ASTRO	RR2Y	0.08	S	35.8	14.5	2	291	18	33.1	37.8	36.6	23.4
PROSEED	EL 80-23	E3	0.2	S	35.7	14.7	2	290	19	41.5	32.3	33.4	23.4
LATHAM	L 0438 R2X	RRX	0.4	R	35.3	15.2	1	285	20	37.4	30.7	37.7	23.4
THUNDER	TE7902	E3	0.2	S	35.1	14.7	5	285	21	40.0	30.3	35.2	23.4
CREDENZ	CZ 0419GTLL	LG27	0.4	MR	34.9	15.1	6	283	23	37.7	27.8	39.3	23.4
DYNA-GRO	S04XT77	RRX	0.4	R	34.9	14.4	2	283	22	33.9	31.7	39.1	23.4
HEFTY	H009E9	E3	0.09	S	34.4	14.9	2	279	24	33.6	33.8	35.9	23.4
LATHAM	L 0225 E3	E3	0.2	S	34.2	14.5	1	277	25	38.9	33.0	30.6	23.4
ASGROW	AG007X0 §	RRX	0.07	R	34.0	14.6	3	276	26	30.5	32.7	38.7	23.4
STINE	01EA63 §	E3	0.1	S	33.9	14.4	4	275	27	38.4	31.6	31.6	23.4
PROSEED	BX 80-35	LG27	0.3	S	33.5	14.7	3	271	28	37.5	28.8	34.1	27.1
NK BRAND	S01-C4X §	RRX	0.1	S	33.4	14.5	2	271	29	31.2	33.5	35.7	18.7
THUNDER	TE7003N	E3	0.3	R	33.0	14.3	1	268	30	36.5	31.1	31.5	22.9

Data rejected - not in summary

Averages =	33.6	14.6	3	274	35.6	32.3	33.5	22.8
LSD (0.10) =	3.0	0.2	3		3.8	3.5	4.6	4.7
LSD (0.25) =	1.6	0.1	2		2.0	1.8	2.4	2.5

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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 North North Dakota & Minnesota [RRNO]

All-Season Test Products (50 Total)

Company/Brand	Product/Brand	Technology	SCN	RM
ASGROW	AG007X0 §	RRX	R	00.7
ASGROW	AG01X9 §	RRX	R	0.1
ASGROW	AG02X8 §	RRX	S	0.2
BIOGENE	BG8000 RR2X	RRX	R	00.9
BIOGENE	BG8007 RR2X	RRX	R	00.7
BIOGENE	BG8008 RR2X	RRX	R	00.8
CREDENZ	CZ 0309GTLL	LG27	MR	0.3
CREDENZ	CZ 0419GTLL	LG27	MR	0.4
DAHLMAN	1001E3	E3	S	0.1
DAHLMAN	60009X	RRX	S	00.9
DAHLMAN	6903XN	RRX	R	0.3
DYNA-GRO	S009XT68	RRX	S	00.9
DYNA-GRO	S03XT29	RRX	R	0.3
DYNA-GRO	S04XT77	RRX	R	0.4
GOLDEN HARVEST	GH00866	RR2Y	NA	00.8
GOLDEN HARVEST	GH0145X	RRX	S	0.1
GOLDEN HARVEST	GH0308X	RRX	S	0.3
GOLDEN HARVEST	GH0391	RR2Y	MR	0.3
HEFTY	H009E9	E3	S	00.9
HEFTY	H01X0	RRX	S	0.1
HEFTY	H04E8	E3	S	0.4
HEFTY	H04X0	RRX	R	0.4
LATHAM	L 0135 E3	E3	S	0.1
LATHAM	L 0225 E3	E3	S	0.2
LATHAM	L 0282R2X	RRX	R	0.2
LATHAM	L 0438 R2X	RRX	R	0.4
MYCOGEN	5B024R2 §	RR2Y	S	0.2
MYCOGEN	5B033R2 §	RR2Y	S	0.3
NK BRAND	S007-Y4 §	RR2Y	S	00.7
NK BRAND	S008-N2 §	RR2Y	S	00.8
NK BRAND	S01-C4X §	RRX	S	0.1
NK BRAND	S02-F9X	RRX	S	0.2
NK BRAND	S03-G9	RR2Y	MR	0.3
NK BRAND	S03-S6X	RRX	S	0.3
PIONEER	P00A49X §	RRX	R	None
PROSEED	BX 80-35	LG27	S	0.3

Company/Brand	Brand/Product	Technology	RM	SCN
PROSEED	EL 80-093	E3	S	00.9
PROSEED	EL 80-23	E3	S	0.2
PROSEED	XT 80-20N	RRX	R	0.2
RENK	RS039NX	RRX	R	0.3
STINE	01EA63 §	E3	S	0.1
STINE	03EA03 §	E3	S	0.3
STINE	03GA03 §	LG27	S	0.3
THUNDER	ASTRO	RR2Y	S	00.8
THUNDER	SB8001	RRX	S	0.1
THUNDER	SB87009	RRX	S	00.9
THUNDER	SB8903N	RRX	R	0.3
THUNDER	TE7003N	E3	R	0.3
THUNDER	TE7902	E3	S	0.2
THUNDER	TE7904	E3	S	0.4

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