

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

All-Season Test

0.2 - 0.9 Day CRM

S2019RRCE

Top 30 of 59

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

Company/Brand	Product/Brand	Technol.†	RM	SCN	Yield Bu/A	Protein (%)	Oil (%)	Moisture %	Lodging %	Gross Income \$/Acre	Rank	East Grand Forks	Felton No Results	Georgetown	Hope *
LATHAM	L 0982R2	RR2Y	0.9	R	<b>45.6</b>	32.2	17.9	15.4	22	369	1	<b>40.6</b>		<b>49.2</b>	47.0
LATHAM	L 0883 R2X	RRX	0.8	R	<b>43.6</b>	33.0	17.0	14.8	8	354	2	36.2		<b>46.7</b>	48.1
STINE	07GA33 GC	LG27	0.7	S	<b>42.7</b>	32.4	17.3	14.2	19	346	3	<b>37.1</b>		<b>46.3</b>	44.5
PROSEED	XT 90-90N	RRX	0.9	R	<b>42.0</b>	32.6	17.4	14.8	5	340	4	35.7		42.5	47.8
DYNA-GRO	S09XT50	RRX	0.9	R	<b>41.7</b>	32.2	17.3	14.7	9	338	5	<b>37.4</b>		<b>48.8</b>	38.9
DYNA-GRO	S06XT59	RRX	0.6	R	<b>41.4</b>	31.7	17.5	14.0	12	336	6	36.4		<b>42.8</b>	45.1
CREDENZ	CZ 0729GTLL	LG27	0.7	MR	<b>41.3</b>	32.5	17.3	14.7	16	335	8	34.0		<b>47.7</b>	42.2
HEFTY	Z0502E	E3	0.5	S	<b>41.3</b>	32.0	<b>18.0</b>	13.5	6	336	7	<b>38.6</b>		<b>42.8</b>	42.5
HEFTY	H09X1	RRX	0.9	R	<b>40.6</b>	32.8	17.3	14.4	6	329	10	35.7		<b>43.9</b>	42.2
LATHAM	L 0595 E3	E3	0.5	R	<b>40.6</b>	32.2	<b>18.0</b>	13.7	12	330	9	<b>38.7</b>		37.5	45.6
HEFTY	Z0800E	E3	0.8	S	<b>40.1</b>	32.7	<b>18.1</b>	14.2	8	325	11	34.9		<b>46.4</b>	39.0
HEFTY	H07X0	RRX	0.7	R	<b>40.1</b>	32.5	17.9	14.6	7	324	12	<b>37.8</b>		41.1	41.3
DYNA-GRO	S07XT28	RRX	0.7	R	39.1	33.3	17.6	14.1	7	318	13	28.6		<b>43.6</b>	45.2
NK BRAND	S07-Q4X	RRX	0.7	MR	39.1	33.0	17.9	14.2	7	317	14	<b>37.0</b>		40.7	39.7
THUNDER	SB8805N	RRX	0.5	R	38.8	33.1	<b>18.1</b>	13.5	6	316	15	33.0		37.6	46.0
THUNDER	SB8807N	RRX	0.7	R	38.8	32.5	17.4	13.9	9	315	16	33.4		<b>42.7</b>	40.3
ASGROW	AG02X8 §	RRX	0.2	S	38.6	32.8	17.9	13.1	4	314	17	<b>38.6</b>		33.2	44.1
PROSEED	EL 80-43N	E3	0.4	R	38.6	<b>33.5</b>	17.9	13.4	3	314	18	<b>39.1</b>		38.0	38.7
PIONEER	P08A72X	RRX	0.8	R	38.5	30.9	<b>18.5</b>	13.7	4	313	19	35.0		37.8	42.8
STINE	07EA36 §	E3	0.7	S	37.9	<b>33.5</b>	17.9	14.3	6	308	20	34.1		<b>44.2</b>	35.5
GOLDEN HARVEST	GH0936X	RRX	0.9	MR	37.7	31.0	<b>18.1</b>	14.8	13	306	21	31.4		41.8	39.8
ASGROW	AG05X9 §	RRX	0.5	R	37.6	33.2	17.3	13.6	14	306	22	34.3		40.0	38.4
THUNDER	TE7904	E3	0.4	S	37.5	33.4	17.6	13.3	3	305	23	35.3		38.0	39.3
CREDENZ	CZ 0309GTLL	LG27	0.3	MR	37.3	<b>34.4</b>	17.2	13.5	6	303	24	27.7		40.7	43.3
NK BRAND	S09-D4X	RRX	0.9	MR	36.8	32.3	16.6	14.2	18	299	25	29.6		38.6	42.3
LATHAM	L 0282R2X	RRX	0.2	R	36.7	32.7	17.4	13.4	6	299	26	<b>36.7</b>		36.3	37.2
RENK	RS039NX	RRX	0.3	R	36.6	32.5	17.4	13.4	7	298	27	34.9		38.0	37.0
PROSEED	XT 80-60N	RRX	0.6	R	36.6	32.4	17.5	14.3	9	297	28	29.7		40.4	39.7
THUNDER	SB8906N	RRX	0.6	R	36.5	33.1	17.8	14.2	12	297	29	29.3		38.9	41.4
HEFTY	Z0501E	E3	0.5	R	36.5	33.2	17.5	13.7	10	297	30	29.2		<b>43.2</b>	37.1

Lost. Severe iron chlorosis and hail damage.

<b>Averages =</b>	<b>36.3</b>	<b>32.6</b>	<b>17.7</b>	<b>13.9</b>	<b>8</b>	<b>296</b>		<b>32.5</b>		<b>38.6</b>	<b>38.5</b>
LSD (0.10) =	3.7	0.8	0.3	0.3	7			4.1		4.0	10.1
LSD (0.25) =	2.0	0.4	0.2	0.2	4			2.1		2.1	5.3

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**Yield & Income Factors:**

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.00

Prices: GMO = \$

† 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.

## 2019 Soybeans - Red River Central North Dakota & Minnesota [ RRCE ]

### All-Season Test Products (59 Total)

Company/Brand	Product/Brand	Technology	SCN	RM
ASGROW	AG02X8 §	RRX	S	0.2
ASGROW	AG03X7 §	RRX	R	0.3
ASGROW	AG05X9 §	RRX	R	0.5
CREDENZ	CZ 0309GTLL	LG27	MR	0.3
CREDENZ	CZ 0419GTLL	LG27	MR	0.4
CREDENZ	CZ 0729GTLL	LG27	MR	0.7
DYNA-GRO	S06XT59	RRX	R	0.6
DYNA-GRO	S07XT28	RRX	R	0.7
DYNA-GRO	S09XT50	RRX	R	0.9
GOLDEN HARVEST	GH0543X	RRX	S	0.5
GOLDEN HARVEST	GH0749X	RRX	MR	0.7
GOLDEN HARVEST	GH0936X	RRX	MR	0.9
HEFTY	H04X0	RRX	R	0.4
HEFTY	H07X0	RRX	R	0.7
HEFTY	H09X1	RRX	R	0.9
HEFTY	Z0501E	E3	R	0.5
HEFTY	Z0502E	E3	S	0.5
HEFTY	Z0700E	E3	R	0.7
HEFTY	Z0800E	E3	S	0.8
LATHAM	L 0282R2X	RRX	R	0.2
LATHAM	L 0438 R2X	RRX	R	0.4
LATHAM	L 0553 R2X	RRX	MR	0.5
LATHAM	L 0595 E3	E3	R	0.5
LATHAM	L 0739R2X	RRX	R	0.7
LATHAM	L 0883 R2X	RRX	R	0.8
LATHAM	L 0982R2	RR2Y	R	0.9
LATHAM	L 0995 E3	E3	R	0.9
MYCOGEN	5B024R2 §	RR2Y	S	0.2
MYCOGEN	5B033R2 §	RR2Y	S	0.3
MYCOGEN	MY089E §	E3	S	0.8
NK BRAND	S02-F9X §	RRX	S	0.2
NK BRAND	S03-G9 §	RR2Y	MR	0.3
NK BRAND	S03-S6X §	RRX	S	0.3
NK BRAND	S05-N5X	RRX	S	0.5
NK BRAND	S06-K4X	RRX	S	0.6
NK BRAND	S07-Q4X	RRX	MR	0.7

Company/Brand	Brand/Product	Technology	RM	SCN
NK BRAND	S09-D4X	RRX	MR	0.9
PIONEER	P08A72X	RRX	R	0.8
PROSEED	EL 80-43N	E3	R	0.4
PROSEED	EL 90-53N	E3	R	0.5
PROSEED	XT 80-60N	RRX	R	0.6
PROSEED	XT 90-90N	RRX	R	0.9
RENK	RS039NX	RRX	R	0.3
STINE	03EA03 §	E3	S	0.3
STINE	05EA23 GC	E3	R	0.5
STINE	06GA10 GC	LG27	S	0.6
STINE	06GA13 §	LG27	S	0.7
STINE	07EA36 §	E3	S	0.7
STINE	07GA33 GC	LG27	S	0.7
THUNDER	SB8805N	RRX	R	0.5
THUNDER	SB8807N	RRX	R	0.7
THUNDER	SB8903N	RRX	R	0.3
THUNDER	SB8906N	RRX	R	0.6
THUNDER	TE7003N	E3	R	0.3
THUNDER	TE7005N	E3	R	0.5
THUNDER	TE7904	E3	S	0.4
THUNDER	TE7906N	E3	R	0.6
TITAN PRO	06E9	E3	R	0.6
TITAN PRO	08E9	E3	S	0.8

## 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