

Test by: Northland F.I.R.S.T., LLC Moorehead, MN

## 2019 Soybeans Top 30 Harvest Report

Red River South North Dakota & Minnesota [RRSO]  
MILNOR, ND

Todd Larson, Sargent County, ND 58060

<b>All-Season Test</b>	0.6 - 1.4 Day CRM S2019RRSO01
<b>Top 30 of 60</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / NA
<b>SOIL DESCRIPTION:</b>	Aastad-Forman loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	high P, very high K, 7.2 pH, 4.6% OM, 24.5 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/O Fall Till
<b>PEST MANAGEMENT:</b>	Fierce Ez, Medal Ec, Makaze
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	Jun 1 140.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 7 127.5 /A

### TEST COMMENTS:

The plot was planted into last years corn stubble on the same day as the surrounding field. This area has been exceptionally wetter than average throughout the year with low bottoms in fields being saturated making planting and harvest a struggle. Pre-emerge chemical applied right after plot planting did a decent job, but post chemical application was fantastic in July. Plants at harvest were moderately tall with large sized beans in the pods. Todd said that the average bushels per acre around their area were comparable to the plot average. Wet conditions and snow delayed harvest, with many waiting for the ground to freeze.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
GOLDEN HARVEST	GH1317X	RRX	1.3	R	<b>51.2</b>	12.8	1	126.9	417	1
ASGROW	AG11X8 §	RRX	1.1	R	<b>50.8</b>	13.3	0	126.9	414	2
PROSEED	EL 91-23N	E3	1.2	R	<b>49.4</b>	13.1	0	126.5	402	3
LATHAM	L 0995 E3	E3	0.9	R	<b>47.8</b>	13.1	1	126.9	389	4
DYNA-GRO	S09XT50	RRX	0.9	R	<b>47.2</b>	13.0	0	126.9	385	5
THUNDER	SB8009N	RRX	0.9	R	<b>47.2</b>	13.2	1	129.3	384	6
ASGROW	AG10X9 §	RRX	1.0	R	<b>46.4</b>	12.8	0	126.0	378	7
HEFTY	H14X0	RRX	1.4	R	<b>46.3</b>	13.0	0	126.9	377	8
THUNDER	TE7011N	E3	1.1	R	<b>46.1</b>	13.2	1	128.8	376	9
NK BRAND	S10-H7X	RRX	1.0	MR	<b>45.6</b>	13.1	0	128.8	372	10
HEFTY	H11E0	E3	1.1	R	<b>45.3</b>	13.1	0	126.5	369	11
CREDENZ	CZ 0729GTLL	LG27	0.7	MR	<b>45.3</b>	12.8	1	125.1	369	12
LATHAM	L 1039 R2X	RRX	1.0	R	<b>45.3</b>	12.8	0	129.7	369	13
TITAN PRO	13E9	E3	1.3	R	<b>44.8</b>	13.2	0	127.9	365	14
LATHAM	L 1192 E3	E3	1.1	R	<b>44.8</b>	13.0	1	128.3	365	15
LATHAM	L 1392 E3	E3	1.3	R	<b>44.5</b>	13.3	3	127.9	362	16
THUNDER	SB8010N	RRX	1.0	R	<b>44.1</b>	12.7	1	125.5	359	17
DYNA-GRO	S14XT98	RRX	1.4	R	<b>43.9</b>	13.2	1	129.3	358	18
NK BRAND	S14-U9X	RRX	1.4	MR	<b>43.6</b>	12.8	1	126.0	355	19
NK BRAND	S12-R3	RR2Y	1.2	R	<b>43.4</b>	13.1	0	129.3	354	20
THUNDER	SB8814N	RRX	1.4	R	<b>43.2</b>	13.0	1	130.2	352	21
LATHAM	L 1438R2	RR2Y	1.4	R	<b>43.1</b>	12.8	0	128.3	351	22
RENK	RS100NX	RRX	1.0	R	<b>42.7</b>	12.8	0	126.9	348	23
HEFTY	H07X0	RRX	0.7	R	<b>42.7</b>	13.0	0	126.5	348	24
LATHAM	L 1359 LLGT27	LG27	1.3	R	<b>42.4</b>	13.7	0	127.9	345	25
GOLDEN HARVEST	GH0936X	RRX	0.9	MR	<b>42.3</b>	12.9	0	130.7	345	26
STINE	07EA36 §	E3	0.7	S	<b>42.3</b>	12.9	0	126.5	345	27
STINE	09EA02 §	E3	0.9	R	<b>42.0</b>	12.8	1	126.5	342	28
RENK	RS089NX	RRX	0.8	R	<b>41.7</b>	12.9	1	127.4	340	29
CREDENZ	CZ 1470GTLL	LG27	1.4	MR	<b>41.6</b>	13.4	0	126.9	339	30
					Averages =	<b>41.0</b>	<b>13.0</b>	<b>1</b>	<b>127.5</b>	<b>334</b>
					LSD (0.10) =	6.2	0.2	2		
					LSD (0.25) =	3.3	0.1	1		
					C.V. =	14.4				

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### Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.025

Prices: GMO = \$8.15

Report Date: 11/08/2019

Revised: 11/08/2019 None

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

† 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

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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

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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

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