

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

2019 Soybeans Top 30 Harvest Report

Red River South North Dakota & Minnesota [RRSO]
WHEATON, MN
Chester Raguse, Traverse County, MN 56583

All-Season Test	0.6 - 1.4 Day CRM S2019RRSO04
Top 30 of 60	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Callisto, Atrazine
SOIL DESCRIPTION:	Bearden silt loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	low P, low K, 8.1 pH, 4.4% OM, 24.3 CEC
TILLAGE/CULTIVATION:	Minimum W/ Fall Till
PEST MANAGEMENT:	Fierce Ez, Medal Ec, Makaze
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	Jun 6 140.0 /A 30" spacing
HARVESTED - STAND:	Nov 6 128.6 /A

TEST COMMENTS:

This was our last soybean plot planted for the year, planted on the same day as the surrounding field. Pre emerge chemical worked fantastic, and there was very good weed control in this plot. This site had above average rainfall throughout the growing season but was very well drained, which helped this plot yield excellent. Harvest was delayed due to wet weather, and we had to wait for the ground to freeze in order to harvest.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
CREDENZ	CZ 0729GTLL	LG27	0.7	MR	46.5	14.1	0	128.3	378	1
PROSEED	EL 91-23N	E3	1.2	R	45.9	14.0	0	127.9	373	2
LATHAM	L 1359 LLGT27	LG27	1.3	R	44.8	14.7	1	129.3	363	3
CREDENZ	CZ 1470GTLL	LG27	1.4	MR	44.4	14.5	0	130.2	360	4
NK BRAND	S12-R3	RR2Y	1.2	R	43.1	14.3	0	129.7	350	5
LATHAM	L 1192 E3	E3	1.1	R	42.5	14.4	1	128.3	345	6
TITAN PRO	11E9	E3	1.1	R	42.4	14.2	1	127.9	344	7
THUNDER	TE7011N	E3	1.1	R	42.2	14.3	1	126.9	343	8
DYNA-GRO	S11XT78	RRX	1.1	R	41.7	14.1	1	131.6	339	9
TITAN PRO	13E9	E3	1.3	R	41.4	14.3	1	127.9	336	10
STINE	13EA12 §	E3	1.3	R	40.6	14.0	1	128.8	330	11
LATHAM	L 1429 LLGT27	LG27	1.4	R	40.1	14.0	0	128.3	326	12
HEFTY	H11E0	E3	1.1	R	39.6	14.1	1	128.3	322	13
LATHAM	L 0883 R2X	RRX	0.8	R	39.2	14.1	1	127.4	318	15
LATHAM	L 1438R2	RR2Y	1.4	R	39.2	13.9	1	130.2	319	14
HEFTY	H10E0	E3	1.0	R	38.8	14.3	1	131.6	315	16
DYNA-GRO	S14XT98	RRX	1.4	R	38.8	14.1	1	130.7	315	17
ASGROW	AG10X9 §	RRX	1.0	R	38.7	14.0	1	131.6	314	18
THUNDER	TE7013N	E3	1.3	R	38.6	14.2	1	129.7	313	19
PROSEED	XT 90-90N	RRX	0.9	R	38.5	14.2	0	127.9	313	20
DYNA-GRO	S09XT50	RRX	0.9	R	38.3	14.1	0	128.3	311	21
LATHAM	L 1039 R2X	RRX	1.0	R	38.2	13.9	1	128.8	310	22
PROSEED	EL 91-33N	E3	1.3	R	38.0	14.1	1	127.4	309	23
THUNDER	SB8009N	RRX	0.9	R	37.8	14.1	1	127.9	307	24
RENK	RS100NX	RRX	1.0	R	37.6	13.9	0	127.4	306	25
ASGROW	AG11X8 §	RRX	1.1	R	37.6	14.1	1	127.9	305	26
NK BRAND	S14-U9X	RRX	1.4	MR	37.0	13.8	1	131.6	301	27
LATHAM	L 1392 E3	E3	1.3	R	36.5	14.1	0	128.3	297	28
NK BRAND	S10-H7X	RRX	1.0	MR	36.5	13.9	1	126.5	297	29
HEFTY	H14X0	RRX	1.4	R	36.3	13.9	1	128.3	295	30

Averages = **35.5** **14.0** **1** **128.6** **288**

LSD (0.10) = 4.7 0.2 ns

LSD (0.25) = 2.5 0.1 ns

C.V. = 12.6

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Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.025

Prices: GMO = \$8.15

Report Date: 11/07/2019

Revised: 11/07/2019 None

Additional reports available at 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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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
