

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

2019 Soybeans Top 30 Harvest Report

Red River Central North Dakota & Minnesota [RRCE]
GEORGETOWN, MN

WCD Brendemuhl Farms Curtis Brendemuhl, Clay County,
MN 56560

All-Season Test	0.2 - 0.9 Day CRM S2019RRCE02
Top 30 of 59	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Wheat / Widematch
SOIL DESCRIPTION:	Fargo silty clay, poorly drained, non-irrigated
SOIL CONDITION:	very high P, very high K, 6.5 pH, 6.5% OM, 30.8 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Fierce Ez, Medal Ec, Makaze
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 29 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 31 128.0 /A

TEST COMMENTS:

Weather delayed planting until about a week after the surrounding field was planted. Pre-emerge application right after plot planting had excellent weed control requiring us to only go in once in July for post chemical application. This location had 7 inches of rain in a two week period in July, and it has been exceptionally wet all summer and into the fall. Harvest of this plot was delayed until the ground froze enough to get across with our combine. At harvest there was minimal lodging noticed.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LATHAM	L 0982R2	RR2Y	0.9	R	49.2	12.4	1	128.8	401	1
DYNA-GRO	S09XT50	RRX	0.9	R	48.8	12.4	1	128.8	398	2
CREDENZ	CZ 0729GTLL	LG27	0.7	MR	47.7	12.2	2	127.4	389	3
LATHAM	L 0883 R2X	RRX	0.8	R	46.7	12.4	1	126.5	381	4
HEFTY	Z0800E	E3	0.8	S	46.4	12.2	1	127.4	378	5
STINE	07GA33 GC	LG27	0.7	S	46.3	12.0	1	127.4	377	6
STINE	07EA36 §	E3	0.7	S	44.2	12.0	0	126.0	360	7
HEFTY	H09X1	RRX	0.9	R	43.9	12.2	0	129.7	358	8
DYNA-GRO	S07XT28	RRX	0.7	R	43.6	12.1	1	124.6	355	9
TITAN PRO	08E9	E3	0.8	S	43.3	12.2	0	127.4	353	10
HEFTY	Z0501E	E3	0.5	R	43.2	12.3	1	130.2	352	11
HEFTY	Z0502E	E3	0.5	S	42.8	12.0	1	127.9	349	12
DYNA-GRO	S06XT59	RRX	0.6	R	42.8	12.0	1	128.8	349	13
THUNDER	SB8807N	RRX	0.7	R	42.7	12.1	3	127.4	348	14
PROSEED	XT 90-90N	RRX	0.9	R	42.5	12.4	0	126.9	346	15
CREDENZ	CZ 0419GTLL	LG27	0.4	MR	42.1	11.9	1	125.1	343	16
GOLDEN HARVEST	GH0936X	RRX	0.9	MR	41.8	12.3	1	129.3	341	17
HEFTY	H07X0	RRX	0.7	R	41.1	12.1	1	128.3	335	18
NK BRAND	S07-Q4X	RRX	0.7	MR	40.7	12.2	1	125.1	332	19
CREDENZ	CZ 0309GTLL	LG27	0.3	MR	40.7	11.9	1	129.7	332	20
LATHAM	L 0739R2X	RRX	0.7	R	40.7	12.1	1	128.3	332	21
NK BRAND	S05-N5X	RRX	0.5	S	40.5	12.0	2	127.4	330	22
PROSEED	XT 80-60N	RRX	0.6	R	40.4	12.1	3	127.9	329	23
ASGROW	AG05X9 §	RRX	0.5	R	40.0	12.0	1	129.3	326	24
STINE	03EA03 §	E3	0.3	S	39.9	12.1	1	129.7	325	25
LATHAM	L 0995 E3	E3	0.9	R	39.8	12.3	4	125.5	324	26
THUNDER	SB8906N	RRX	0.6	R	38.9	12.2	2	127.4	317	27
NK BRAND	S09-D4X	RRX	0.9	MR	38.6	12.1	0	127.9	315	28
THUNDER	TE7005N	E3	0.5	R	38.3	12.0	0	127.9	312	29
RENK	RS039NX	RRX	0.3	R	38.0	12.0	2	128.3	310	30

Averages = **38.6** **12.1** **1** **128.0** **314**

LSD (0.10) = 4.0 0.2 ns

LSD (0.25) = 2.1 0.1 ns

C.V. = 9.9

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Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.025

Prices: GMO = \$8.15

Report Date: 11/01/2019

† 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 (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

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
