

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

2019 Soybeans Top 30 Harvest Report

Red River North North Dakota & Minnesota [RRNO]
CAVALIER, ND
Kent Schluchter, Pembina County, ND 58220

All-Season Test	00.7 - 0.4 Day CRM S2019RRNO03
Top 30 of 50	For Gross Income (Sorted by Yield) Average of (2) Replications
PREV. CROP/HERB:	Corn / Roundup
SOIL DESCRIPTION:	Fargo silty clay, poorly drained, non-irrigated
SOIL CONDITION:	medium P, very high K, 7.6 pH, 5.8% OM, 25.0 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 21 140.0 /A 30" spacing
HARVESTED - STAND:	Nov 3 128.6 /A

TEST COMMENTS:

This plot was planted on a high ridge in a tiled field, which greatly helped us at harvest due to the extremely wet harvest season. This site had experienced one rain event of over 5 inches in one night, and also had around 2 feet of snow in October which broke over and flattened one replication which caught the snow. The beans in this plot were very large in size, and the plot yielded very well considering the dry growing season.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
PROSEED	EL 80-23	E3	0.2	S	41.5	14.3	3	126.0	337	1
CREDENZ	CZ 0309GTLL	LG27	0.3	MR	41.4	14.1	1	123.2	336	2
RENK	RS039NX	RRX	0.3	R	40.6	13.8	5	126.0	330	3
MYCOGEN	5B033R2 §	RR2Y	0.3	S	40.5	14.0	4	131.6	329	4
STINE	03GA03 §	LG27	0.3	S	40.2	14.4	3	128.1	325	6
PROSEED	XT 80-20N	RRX	0.2	R	40.1	14.1	5	130.2	326	5
THUNDER	TE7902	E3	0.2	S	40.0	14.1	3	126.0	325	7
LATHAM	L 0282R2X	RRX	0.2	R	40.0	13.8	1	126.7	325	8
DYNA-GRO	S03XT29	RRX	0.3	R	39.7	13.8	3	126.0	323	9
HEFTY	H04E8	E3	0.4	S	39.1	14.0	1	130.9	318	10
PROSEED	EL 80-093	E3	0.9	S	39.0	14.4	1	132.3	317	11
LATHAM	L 0225 E3	E3	0.2	S	38.9	14.1	1	126.7	316	12
NK BRAND	S02-F9X	RRX	0.2	S	38.8	14.3	1	133.0	315	13
ASGROW	AG02X8 §	RRX	0.2	S	38.5	13.9	1	130.2	313	14
GOLDEN HARVEST	GH00866	RR2Y	0.8	NA	38.5	13.6	1	125.3	313	15
STINE	01EA63 §	E3	0.1	S	38.4	14.0	4	130.9	312	16
DAHLMAN	60009X	RRX	0.9	S	38.1	13.6	1	128.1	310	17
DYNA-GRO	S009XT68	RRX	0.9	S	38.0	13.9	1	126.7	309	18
CREDENZ	CZ 0419GTLL	LG27	0.4	MR	37.7	14.2	13	127.4	306	19
PROSEED	BX 80-35	LG27	0.3	S	37.5	14.3	1	128.8	304	20
LATHAM	L 0438 R2X	RRX	0.4	R	37.4	14.8	1	124.6	303	21
THUNDER	SB8903N	RRX	0.3	R	37.3	13.7	1	126.0	303	22
THUNDER	TE7904	E3	0.4	S	36.7	14.1	1	128.1	298	23
HEFTY	H04X0	RRX	0.4	R	36.7	14.8	1	129.5	297	24
THUNDER	TE7003N	E3	0.3	R	36.5	14.1	1	128.1	297	25
HEFTY	H01X0	RRX	0.1	S	36.5	13.8	1	128.1	297	26
ASGROW	AG01X9 §	RRX	0.1	R	36.1	13.4	1	128.8	294	27
BIOGENE	BG8000 RR2X	RRX	0.9	R	35.9	13.6	3	129.5	292	28
DAHLMAN	1001E3	E3	0.1	S	35.8	14.1	2	129.5	291	29
LATHAM	L 0135 E3	E3	0.1	S	34.7	14.8	1	133.0	281	30

Averages = **35.6** **14.0** **2** **128.6** **289**

LSD (0.10) = 3.8 0.3 ns

LSD (0.25) = 2.0 0.2 ns

C.V. = 8.2

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Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$8.15

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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
