

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

2019 Soybeans Top 30 Harvest Report

Red River North North Dakota & Minnesota [RRNO]
WARREN, MN

Nathan Potechek, Marshall County, MN 56760

All-Season Test	0.007 - 0.4 Day CRM S2019RRNO01
Top 30 of 50	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Wheat / Husky, Axial
SOIL DESCRIPTION:	Ulen sandy loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	very low P, very low K, 8.2 pH, 1.6% OM, 14.6 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Fierce Ez, Medal Ec, Makaze
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 20 140.0 /A 30" spacing
HARVESTED - STAND:	Nov 1 127.7 /A

TEST COMMENTS:

This was our first bean plot planted this year. Planting conditions were good into no till wheat. The growing season was unkind to this plot with it experiencing drought conditions early on through the summer months taking away top end yield. Harvest was delayed due to high precipitation during september and october, requiring us to harvest when the ground had frozen. Plants were short in stature, with empty pods on the tops of most varieties.

Company/Brand	Product/Brand	Yield †	Moisture %	Shrink %	Yield Bu/Lb	Moisture %	Logging %	Stand In 2019	Gross Income \$/Acre	Rank
LATHAM	L 200P2K	RR	0.2	R	26.7	13.7	0	126.3	200	1
AGROVIA	AGROVIA 6	RR	0.2	S	26.1	13.6	0	126.6	207	2
THUNDER	SEBTON	RR	0.09	S	26.7	13.7	0	130.2	200	3
DYNAGRIP	SOBATTY	RR	0.4	R	27.7	13.6	0	127.4	226	4
LATHAM	L 210S E3	E3	0.1	S	27.6	13.6	0	127.4	224	5
WYCOHEN	WYCOHEN 6	RR	0.3	S	27.3	13.7	0	126.3	222	6
ORION	CZ 2000TLL	LOP	0.3	RR	26.2	14.2	0	126.7	221	7
PROCEED	84 80-26	LOP	0.3	S	26.7	14.0	0	126.3	220	8
THUNDER	TE700	E3	0.1	S	26.6	13.7	0	126.7	218	9
DYNAGRIP	SOBATTY	RR	0.09	R	25.8	13.6	0	126.0	210	10
DAVLEAF	WYCOHEN	RR	0.1	S	25.7	13.7	0	126.6	209	11
PROCEED	87 80-20K	RR	0.2	R	25.7	13.7	0	126.6	208	12
WYCOHEN	WYCOHEN 6	RR	0.2	S	25.4	13.6	0	123.7	207	13
LATHAM	L 200S E3	E3	0.2	S	25.4	13.6	0	123.6	207	14
HEFTY	HEFTY	RR	0.1	S	25.4	14.1	0	126.0	203	15
DAVLEAF	101E3	LOP	0.1	S	24.8	14.0	0	126.6	202	16
STINE	STINE 6	LOP	0.1	S	24.7	14.2	0	126.0	201	17
STINE	STINE 6	E3	0.1	S	24.7	14.0	0	126.3	201	18
THUNDER	SEBTON	RR	0.1	R	24.8	13.4	0	126.0	200	19
ORION	CZ 2000TLL	LOP	0.4	RR	24.8	14.8	0	126.0	198	20
THUNDER	TE700	E3	0.4	S	24.3	14.3	0	126.7	197	21
PROCEED	84 80-26	LOP	0.09	S	24.2	13.8	0	126.3	197	22
GOLDEN HARVEST	GOLDEN HARVEST 6	RR	0.3	S	24.2	13.8	0	130.2	196	23
LATHAM	L 210S E3	RR	0.4	R	23.5	14.4	0	126.0	191	24
PROCEED	84 80-26	E3	0.2	S	23.4	13.6	0	130.7	190	25
DYNAGRIP	SOBATTY	RR	0.3	R	23.1	13.6	0	127.4	188	26
RENA	RENA	RR	0.3	R	23.1	13.6	0	127.4	188	27
THUNDER	TE700	E3	0.3	R	22.9	13.4	0	127.9	186	28
MR BRAND	MR BRAND	RR	0.2	S	22.5	13.9	0	127.9	183	29
MR BRAND	MR BRAND	RR	0.3	RR	22.5	14.2	0	127.4	183	30

REJECTED

Averages =	22.8	13.7	0	127.7	185
LSD (0.10) =	4.7	0.3	ns		
LSD (0.25) =	2.5	0.2	ns		
C.V. =	19.6				

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

Report Date: 11/01/2019

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 (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	S	0.8
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
