

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

2021 Soybeans Top 30 Harvest Report

Red River North North Dakota & Minnesota [RRNO]
WARREN, MN
Garth Kruger, Marshall County, MN

All-Season Test	00.7 - 0.4 Day CRM S2021RRNO01
Top 30 of 53	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Wheat / Bison, Affinity Tm, Slant, Crosshair, Miravis Ace, Rainier
SOIL DESCRIPTION:	Flaming sandy loam, mod. well drained, non-irrigated
SOIL CONDITION:	high P, very low K, 7.6 pH, 2.6% OM, 13.8 CEC
TILLAGE/CULTIVATION:	Minimum W/ Fall Till
PEST MANAGEMENT:	Fierce Ez, Makaze, Medal Ec, Gunsmoke
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 11 140.0 /A 30" spacing
HARVESTED - STAND:	Sep 27 132.3 /A

TEST COMMENTS:

The plot was located in a field that historically has done very well for soybeans. The growing season was much drier than average, with the plot receiving very little rain from June through August. A timely rain in August helped the surrounding area yields, with Garth saying that just a few miles in any direction the yields dropped off substantially. Garth said that the field surrounding the plot averaged in the 50's for bushels per acre.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Proseed	EL90-33N ↗	E3	0.3	R	65.1	9.6	0	132.7	828	1
Thunder	SB8903N ↗	RRX	0.3	R	64.5	9.6	0	132.3	820	2
Dyna-Gro	S02EN71 ↗	E3	0.2	R	63.4	10.1	0	132.3	806	3
Credenz	CZ 0419GTLL ↗	LLGT27	0.4	MR	61.5	10.1	0	132.0	782	4
Latham	L 0438 R2X ↗	RRX	0.4	R	60.6	10.6	0	131.3	771	5
Proseed	XT80-20N ↗	RRX	0.2	R	60.4	9.5	0	133.0	768	6
Dahlman	1201E3N ↗	E3	0.1	R	60.3	9.7	0	133.7	767	7
Golden Harvest	GH0443X ↗	RRX	0.4	MR	60.3	10.1	0	132.0	767	8
Latham	L 0282 R2X ↗	RRX	0.2	R	59.7	9.5	0	132.0	759	9
Latham	L 0124 R2X ↗	RRX	0.1	S	59.7	9.5	0	132.7	759	10
Innotech	IS0343E3 ↗	E3	0.3	MR	59.2	9.8	0	132.7	753	11
Stine	03EB02 § ↗	E3	0.3	R	59.2	9.7	0	131.7	753	12
Thunder	SB8104N ↗	RRX	0.4	R	59.1	10.1	0	131.7	752	13
Asgrow	AG02X2 § ↗	RRX	0.2	R	58.4	9.8	0	131.7	743	14
Dyna-Gro	S04XT91 ↗	RRX	0.4	MR	58.3	10.5	0	132.3	742	15
Hefty	H04X8 ↗	RRX	0.4	MR	58.3	9.7	0	133.0	742	16
Latham	L 0293 E3 ↗	E3	0.2	R	57.9	9.8	0	132.7	736	17
Thunder	TE7101N ↗	E3	0.1	R	57.9	9.9	0	132.3	736	18
Asgrow	AG03X7 § ↗	RRX	0.3	R	56.9	9.4	0	131.7	724	19
Golden Harvest	GH0145X ↗	RRX	0.1	S	56.9	9.7	0	133.0	724	20
Latham	L 0225 E3 ↗	E3	0.2	S	56.3	9.8	0	132.0	716	21
Latham	L 0425 E3 ↗	E3	0.4	S	56.2	10.6	0	131.3	715	22
Xitavo	XO 0101E ↗	E3	0.1	MR	56.2	10.0	0	132.0	715	23
Dahlman	1102E3N ↗	E3	0.2	R	56.1	10.0	0	133.3	714	24
Golden Harvest	GH0272XF § ↗	RXF	0.2	MR	55.5	9.9	0	133.3	706	25
Xitavo	XO 0311E ↗	E3	0.3	MR	55.1	9.8	0	133.7	701	26
Thunder	TX8203 ↗	RXF	0.3	S	54.8	9.5	0	132.0	697	27
Loyal	L0140E ↗	E3	0.1	S	53.8	10.2	0	133.3	684	28
Hefty	H02E1 ↗	E3	0.2	R	53.5	10.1	0	131.7	681	29
Dairyland	DSR-0645E ↗	E3	0.4	R	53.4	11.1	0	131.3	679	30

Averages = **54.7** **9.8** **132.3** **696**

LSD (0.10) = 6.8 0.4 ns

LSD (0.25) = 3.5 0.2 ns

Luke Brendemuhl

luke.brendemuhl@firstseedtests.com, (218) 790-4497

C.V. = 11.7 Historic yield: 32.69 bu/a, 3 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$12.72

Report Date: 09/28/2021

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

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