

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

2021 Soybeans Top 30 Harvest Report

Red River North North Dakota & Minnesota [RRNO] EAST
GRAND FORKS, MN

Matthew Krueger, Polk County, MN 56721

All-Season Test 00.7 - 0.4 Day CRM
S2021RRNO04

Top 30 of 53 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Wheat / Colt As, Sword, Affinity
Broadspec

SOIL DESCRIPTION: Bearden-Colvin silt loam, mod.
poorly drained, non-irrigated

SOIL CONDITION: very low P, low K, 8.5 pH, 4.9%
OM, 30.6 CEC

TILLAGE/CULTIVATION: Conventional W/ Fall Till

PEST MANAGEMENT: Fierce Ez, Mad Dog, Medal Ec,
Gunsmoke

Applied N-P-K (units): 0-0-0

SEEDED - RATE - ROW: May 18 140.0 /A 30" spacing

HARVESTED - STAND: Sep 28 132.9 /A

TEST COMMENTS:

The plot was planted in dry conditions but had a couple of good rains a few days after planting. This area was drier than average, with the driest period of time lasting from the end of June through the first part of August. Iron chlorosis was noticed in some varieties this summer, causing noticeable yield decreases at harvest. Matt said that the surrounding fields yielded in the 50 bpa range.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Golden Harvest	GH0443X ↗	RRX	0.4	MR	66.1	8.1	4	133.3	839	1
Asgrow	AG02X2 § ↗	RRX	0.2	R	65.0	8.1	1	133.3	826	2
Dairyland	DSR-0119E ↗	E3	0.2	S	63.6	8.1	0	133.3	808	3
Thunder	SB8104N ↗	RRX	0.4	R	62.4	8.2	2	133.3	792	4
Proseed	XT80-20N ↗	RRX	0.2	R	62.3	8.0	2	133.0	791	5
Hefty	H04X8 ↗	RRX	0.4	MR	61.8	8.8	0	133.3	785	6
Latham	L 0282 R2X ↗	RRX	0.2	R	61.2	7.8	3	133.0	777	7
Stine	03EB02 § ↗	E3	0.3	R	60.9	7.9	3	132.7	773	8
Thunder	SB8903N ↗	RRX	0.3	R	60.4	8.2	1	133.3	767	9
Dahlman	1201E3N ↗	E3	0.1	R	59.9	7.9	2	133.3	761	10
Dairyland	DSR-0645E ↗	E3	0.4	R	59.8	8.3	2	133.0	759	11
Brevant	B019EE GC ↗	E3	0.1	S	59.5	8.0	3	131.7	756	12
Dyna-Gro	S04XT91 ↗	RRX	0.4	MR	59.3	8.2	2	133.3	753	13
Golden Harvest	GH0325E3 GC ↗	E3	0.3	MR	58.7	7.8	3	132.3	745	14
Latham	L 0124 R2X ↗	RRX	0.1	S	57.8	7.6	2	132.3	734	15
Golden Harvest	GH0145X ↗	RRX	0.1	S	57.3	7.9	3	132.7	728	16
Hefty	H008E1 ↗	E3	0.8	R	57.3	7.9	2	132.3	728	17
Asgrow	AG03X7 § ↗	RRX	0.3	R	57.3	8.5	3	133.3	728	18
Loyal	L0140E ↗	E3	0.1	S	56.6	8.1	3	132.3	719	19
Golden Harvest	GH0272XF § ↗	RXF	0.2	MR	56.3	7.8	2	133.0	715	20
Xitavo	XO 0101E ↗	E3	0.1	MR	56.3	7.9	4	132.3	715	21
Xitavo	XO 0311E ↗	E3	0.3	MR	56.3	7.9	3	133.3	715	22
Thunder	TX8203 ↗	RXF	0.3	S	56.0	8.4	2	133.7	711	23
Golden Harvest	GH0294E3 GC ↗	E3	0.2	S	56.0	7.8	2	133.3	711	24
NK Brand	NK009-T1XF § ↗	RXF	0.9	MR	55.9	8.0	1	133.0	710	25
Proseed	EL90-33N ↗	E3	0.3	R	55.5	8.3	1	132.7	705	26
Asgrow	AG008X1 § ↗	RRX	0.8	R	55.2	7.6	2	133.0	701	27
Stine	003EB62 § ↗	E3	0.3	R	54.9	7.8	0	132.7	697	28
Thunder	SB8001 ↗	RRX	0.1	S	54.9	8.0	3	133.3	697	29
NK Brand	NK02-M4XF ↗	RXF	0.2	MR	54.8	7.9	0	134.0	696	30

Averages = **55.3** **8.2** **2** **132.9** **703**

LSD (0.10) = 6.4 1.1 ns

LSD (0.25) = 3.3 0.6 ns

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C.V. = 11.0 Historic yield: 38.58 bu/a, 5 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$12.70

Report Date: 09/29/2021

† 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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