

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

2020 Soybeans Top 30 Harvest Report

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

All-Season Test	0.4 - 0.7 Day CRM S2020RRNO01
Top 30 of 58	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Wheat / Everest, Affinity, Widematch
SOIL DESCRIPTION:	Fargo silty clay, poorly drained, non-irrigated
SOIL CONDITION:	very high P, very high K, 7.2 pH, 5.6% OM, 27.5 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Fierce Ez, Makaze, Medal Ec
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 22 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 6 130.1 /A

TEST COMMENTS:

This plot was planted into no-till conditions with a cover crop of Rye. Planting conditions were very good, with excellent emergence. The plot was well-drained, which alleviated stress from a few heavy June/July rains. Some varieties showed signs of damage from an early September frost, with some top pods having very small greenish colored beans. The plot average was right in line with what Kent said the surrounding field was yielding.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
STINE	03EB02 §	E3	0.3	R	49.2	11.3	1	131.0	464	1
GOLDEN HARVEST	GH0325E3 §	E3	0.3	MR	49.0	10.9	1	129.7	462	2
PROSEED	EL90-33N	E3	0.3	R	48.3	11.3	1	130.7	455	3
HEFTY	H01X0	RRX	0.1	S	48.1	10.4	1	129.0	454	4
NK BRAND	S03-E3	E3	0.3	MR	48.0	10.7	1	127.0	453	5
THUNDER	SB87009	RRX	00.9	S	48.0	10.1	1	130.5	453	6
THUNDER	TE7003N	E3	0.3	R	47.6	10.8	1	131.0	449	7
GENESIS	G0340E	E3	0.3	R	47.5	11.1	1	130.7	448	8
STINE	01EA63 §	E3	0.1	S	47.4	10.4	2	130.7	447	9
LATHAM	L 0293 E3	E3	0.2	R	47.4	10.9	1	129.3	447	10
THUNDER	SB8001	RRX	0.1	S	47.2	10.9	1	131.3	445	11
ASGROW	AG02X8 §	RRX	0.2	S	46.9	10.9	1	129.7	442	12
HEFTY	H008E1	E3	0.1	R	46.8	10.7	1	130.0	441	13
THUNDER	TE71008N	E3	00.8	R	46.7	10.3	1	131.0	440	14
NK BRAND	S02-F9X	RRX	0.2	S	46.7	10.7	1	129.3	440	15
APEX	AE0300	E3	0.3	R	46.6	10.6	1	129.3	439	16
THUNDER	ASTRO	RR2Y	00.8	S	46.6	10.6	1	131.7	439	17
DAHLMAN	6903XN	RRX	0.3	R	46.5	10.0	1	131.0	438	18
ZINESTO	Z0200E	E3	0.2	R	46.3	11.2	1	130.7	437	19
LATHAM	L 0225 E3	E3	0.2	S	46.2	10.4	1	128.7	436	20
LOYAL	L0320E	E3	0.3	R	46.1	11.5	1	130.0	435	21
CREDENZ	CZ 0309GTLL	LLGT27	0.3	MR	45.9	11.6	1	128.7	433	22
ASGROW	AG007X0 §	RRX	00.7	R	45.2	10.5	1	130.7	426	23
NORTHSTAR	NS 90094E3	E3	0.1	S	45.2	11.1	1	132.7	426	24
DYNA-GRO	S04XT91	RRX	0.4	MR	45.0	11.6	1	129.0	424	25
ASGROW	AG008X1 §	RRX	00.8	R	44.6	10.1	1	129.3	421	26
NK BRAND	S008-E3	E3	00.8	MR	44.5	10.4	1	129.3	420	27
NORTHSTAR	NS 90334E3	E3	0.3	S	44.3	10.6	2	130.7	418	28
HEFTY	H02E1	E3	0.2	R	44.2	11.6	1	129.3	417	29
PROSEED	XT20-07	RRX	0.1	R	44.0	10.8	1	130.7	415	30

Averages = **43.7** **11.1** **1** **130.1** **412**

LSD (0.10) = 3.6 0.6 2

LSD (0.25) = 1.9 0.3 1

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C.V. = 7.9

Historic yield: 35.0 bu/a, 2 yr(s)

Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.025

Prices: GMO = \$9.43

Report Date: 10/06/2020

† 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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