

Test by: Southern MN FIRST New Richland, MN

## 2021 Soybeans Top 30 Harvest Report

Minnesota South Central [MNSC] WINTHROP, MN

Jim Sallstrom, Sibley County, MN

<b>Full-Season Test</b>	1.9 - 2.2 Day CRM S2021MNSC06b
<b>Top 30 of 54</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Acuron, Glyphosate, Atrazine
<b>SOIL DESCRIPTION:</b>	Nicolet clay loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	very low P, low K, 7.6 pH, 4.9% OM, 29.6 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/ Fall Till
<b>PEST MANAGEMENT:</b>	Authority First, Metribuzin, Flexstar, Cornerstone Plus, Section Three
<b>FERTILITY - Applied N:</b>	21 Spring
<b>Applied N-P-K (units):</b>	21-0-30
<b>SEEDED - RATE - ROW:</b>	May 7 140.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 5 122.5 /A

### TEST COMMENTS:

Planting conditions were great, as 1 pass with vertical tillage in the fall, and a 2nd pass in the spring provided a good seedbed. The first vertical replication of both tests was on lower ground, and showed lower yields, possibly from white mold. Jim noted that very tall varieties were laying down in early Sept as a result of the excellent growing season. Jim also noted that Sibley County was not in a drought this year; rains came at the right time and were not excessive.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hefty	H20X7 ↗	RRX	2.0	MR	<b>74.3</b>	12.4	5	122.5	929	1
Dyna-Gro	S21XF61 ↗	RXF	2.1	R	<b>72.1</b>	13.0	5	123.5	900	2
Anderson	A200E3 ↗	E3	2.0	NA	<b>71.0</b>	12.3	1	122.0	888	3
Innotech	IS2089E3 ↗	E3	2.0	MR	<b>70.8</b>	11.6	0	126.0	885	4
Anderson	217RXT ↗	RRX	2.0	MR	<b>69.8</b>	12.1	0	122.0	872	5
NK Brand	NK21-H4XF § ↗	RXF	2.1	MR	<b>69.7</b>	12.0	7	124.3	871	6
Asgrow	AG21XF0 § ↗	RXF	2.1	R	<b>69.2</b>	12.5	0	123.0	865	7
Golden Harvest	GH2292E3 ↗	E3	2.2	MR	67.0	11.8	1	123.3	838	9
Dairyland	DSR-2040E ↗	E3	2.0	R	66.6	11.8	1	123.0	832	10
Stine	21EE62 § ↗	E3	2.1	R	66.6	13.5	0	121.7	831	11
Hefty	H20XF1 ↗	RXF	2.0	NA	66.1	13.1	0	123.5	826	12
Hefty	H21XF2 ↗	RXF	2.1	NA	65.6	11.8	5	121.0	820	13
Dairyland	DSR-2030E ↗	E3	1.9	R	65.4	11.9	0	121.3	818	14
Dyna-Gro	S21EN81 ↗	E3	2.1	R	65.0	12.4	4	124.3	812	15
Apex	AE2110 ↗	E3	2.1	R	64.4	12.2	2	122.7	805	16
Dyna-Gro	S19EN21 ↗	E3	1.9	R	64.1	12.0	3	120.7	801	17
Xitavo	XO 2181E ↗	E3	2.1	R	64.0	11.9	0	124.3	800	18
Pioneer	P21A28X § ↗	RRX	2.1	R	63.9	11.9	0	124.3	799	19
Loyal	L2040E ↗	E3	2.0	R	63.7	13.2	7	121.3	796	20
Loyal	L2130E ↗	E3	2.1	R	63.5	12.3	6	122.7	794	21
Gold Country	2250XF ↗	RXF	2.2	R	63.3	13.0	0	122.3	791	22
Golden Harvest	GH2102XF ↗	RXF	2.1	MR	63.0	12.1	6	125.0	788	23
Loyal	L2240E ↗	E3	2.2	R	63.0	12.3	1	121.3	788	24
Dairyland	DSR-2112E ↗	E3	2.1	R	62.9	13.0	0	122.7	786	25
Latham	L 2283 XF ↗	RXF	2.2	R	62.8	13.0	2	123.3	785	26
Anderson	A2121XF ↗	RXF	2.0	NA	62.7	12.1	3	123.0	784	27
Federal	F2121N ↗	LLGT27	2.1	R	62.5	12.5	1	120.7	781	28
Renk	RS219NX ↗	RRX	2.1	R	62.4	12.0	0	123.3	780	29
Latham	L 2193 E3 ↗	E3	2.1	R	61.9	12.3	7	122.7	774	30
Latham	L 2184 R2X ↗	RRX	2.1	R	61.7	11.9	5	124.0	771	31
Dahlman	7218XF CK	RXF	1.8	NA	67.8	12.4	1	121.7	848	8
					Averages =	<b>62.7</b>	<b>12.4</b>	<b>2</b>	<b>122.5</b>	<b>784</b>
					LSD (0.10) =	5.8	0.6	ns		
					LSD (0.25) =	3.0	0.3	ns		
					C.V. =	8.8				Historic yield: new site

Mark Querna

mark.querna@firstseedtests.com, (507) 380-9920

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$12.50

Report Date: 10/06/2021

† 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

©2021, All rights reserved by Elite Field Genetics, LLC

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)