

Test by: Southern MN FIRST New Richland, MN

2024 Soybeans Top 30 Harvest Report

Minnesota South Central [MNSC] GLENCOE, MN

Brian Brinkman, McCloud County, MN

All-Season Test Maturity Group **1.5 - 2.2**
S2024MNSC09

Top 30 of 48 For Gross Income
(Sorted by Yield)
Average of (2) Replications

PREV. CROP/HERB: Corn / Harness, Tripleflex,
Seeker, Atrazine, Stinger

SOIL DESCRIPTION: Clarion loam, mod. well drained,
non-irrigated

SOIL CONDITION: very high P, very high K, 7.2 pH,
5.1% OM, 24.8 CEC

TILLAGE/CULTIVATION: Conventional W/ Fall Till

PEST MANAGEMENT: Sonic, Tricore, Fronrunner,
Clethodim, Phoenix, Aphid
Control In August

FERTILITY - Applied N: 15# Sulfur

Applied N-P-K (units): 0-20-60

SEEDED - RATE - ROW: May 17 140.0 /A 30" spacing

HARVESTED - STAND: Oct 4 123.0 /A

TEST COMMENTS:

Planted in great conditions. A 5" rain in early June played havoc with post-emergence spraying. Brian did cultivate this plot site. This MNSC plot site was in lower ground than the MNCECV test next to it and suffered from a bit more water-logged soils in May and June. Rainfalls were normal through July and August. Seed size was larger here than at other sites which received very little rain in August and September. Foxtail pressure affected the third vertical replication due to more water retention in that lower ground. The third replication was removed from analysis due to yield variation from water and weed pressure.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Genesis	G1970E ↗	E3	1.9	M	65.0	9.0	0	123.5	663	1
Dairyland	DSR-2055E ↗	E3	2.0	M	64.9	8.9	0	124.0	661	2
Asgrow	AG20XF4 § ↗	RXF	2.0	R	62.8	10.4	1	123.0	641	3
Dairyland	DSR-2236E ↗	E3	2.2	M	61.3	9.3	1	123.5	624	4
Golden Harvest	GH2004XF § ↗	RXF	2.0	M	61.0	8.4	1	122.0	622	5
Asgrow	AG19XF3 § ↗	RXF	1.9	R	60.8	9.3	0	122.5	620	6
Genesis	G2090E ↗	E3	2.0	PK	60.3	9.4	1	123.0	614	7
Genesis	G2180E ↗	E3	2.1	M	59.9	9.3	0	121.5	611	8
Dairyland	DSR-2111E ↗	E3	2.1	PK	59.8	9.5	0	124.0	610	9
Apex	AE2050 ↗	E3	2.0	PK	59.2	9.3	0	122.0	604	10
Golden Harvest	GH1875E3 § ↗	E3	1.8	M	59.0	9.2	1	123.0	602	11
Genesis	G1560E ↗	E3	1.5	R	58.7	9.5	0	124.0	599	12
Apex	AE1520 ↗	E3	1.5	M	58.3	9.0	0	122.0	595	13
Golden Harvest	GH2292E3 § ↗	E3	2.2	M	58.2	9.1	1	124.5	594	14
Fortus	1895E ↗	E3	1.8	PK	58.1	8.7	0	125.0	593	15
Anderson	A203E3 ↗	E3	2.0	M	57.8	9.8	0	122.5	590	16
Xitavo	XO 1822E ↗	E3	1.8	M	57.6	9.1	1	123.5	588	17
Fortus	2043E ↗	E3	2.0	M	57.4	8.8	1	124.0	585	18
Golden Harvest	GH1614E3 ↗	E3	1.6	PK	57.3	10.6	0	124.0	584	19
Asgrow	AG18XF1 § ↗	RXF	1.8	R	57.2	8.9	0	122.5	583	20
Anderson	A1923XF ↗	RXF	1.9	M	57.2	8.7	0	122.5	583	21
Stine	20EG02 § ↗	E3	2.0	M	57.1	9.8	1	122.5	581	22
Genesis	G1760E ↗	E3	1.7	R	56.8	9.3	0	124.0	579	23
Dahlman	7520XF ↗	RXF	2.0	M	56.4	8.8	0	122.0	575	24
Stine	22EG02 § ↗	E3	2.2	M	56.3	9.6	1	124.0	574	25
Renk	RS155NXF ↗	RXF	1.5	M	56.1	8.9	0	123.0	572	26
Xitavo	XO 1632E ↗	E3	1.6	M	56.0	9.1	0	123.0	571	27
Jacobsen	J1873E3 ↗	E3	1.8	PK	55.8	9.2	0	121.0	569	28
Fortus	1502E ↗	E3	1.5	M	55.7	8.9	0	125.0	568	29
Xitavo	XO 2282E ↗	E3	2.2	M	55.5	9.4	1	122.0	566	30

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Averages = **56.7** **9.2** **0** **123.0** **578**

LSD (0.10) = 4.5 ns ns

LSD (0.25) = 2.3 ns ns

C.V. = 6.1

Historic yield: 54.1 bu/a, 15 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.02 Prices: GMO = \$10.20; non-GMO = \$13.70

Report Date: 10/04/2024

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

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