

Test by: NewVenture, LLC Ellendale, MN

## 2024 Soybeans Top 30 Harvest Report

Minnesota North Central [MNNC] WENDELL, MN  
Chad Biss, Grant County, MN 56531

<b>All-Season Test</b>	Maturity Group <b>0.6 - 1.5</b> S2024MNNC04
<b>Top 30 of 45</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Roundup, Status
<b>SOIL DESCRIPTION:</b>	Aazdahl-Formdale-Balaton clay loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	very low P, low K, 7.2 pH, 5.0% OM, 27.0 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/ Fall Till
<b>PEST MANAGEMENT:</b>	Liberty, Roundup, Raptor
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	Jun 11 140.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 25 125.7 /A

### TEST COMMENTS:

*Planting at this site was delayed until June due to excessive rains. Yields were impacted by the planting delays. Plants were short but standing well at harvest with no weed pressure. A small rain event immediately before harvest led to higher moistures. We'd like to thank Chad for hosting a plot again this year.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dairyland	DSR-1476E ↗	E3	1.4	M	<b>47.1</b>	13.9	0	127.0	480	1
Thunder	TX8215N ↗	RXF	1.5	M	<b>45.7</b>	14.0	0	126.0	465	2
Asgrow	AG14XF4 § ↗	RXF	1.4	R	<b>45.4</b>	13.5	0	127.0	463	3
Renk	RS155NXF GC ↗	RXF	1.5	M	<b>45.1</b>	14.2	0	127.3	459	4
Dak-Sota	DE5215 ↗	E3	1.5	M	<b>43.6</b>	13.7	0	128.0	444	5
Fortus	1385E GC ↗	E3	1.3	M	<b>43.3</b>	13.1	0	125.7	442	6
Asgrow	AG10XF4 § ↗	RXF	1.0	R	41.9	13.6	0	126.3	427	7
Dairyland	DSR-1150E ↗	E3	1.1	PK	41.4	13.0	0	126.7	422	8
Xitavo	XO 1545E ↗	E3	1.5	PK	40.8	13.6	0	127.0	416	9
Asgrow	AG09XF3 § ↗	RXF	0.9	R	40.5	13.5	0	126.3	413	10
NK Brand	NK14-U5E3 § ↗	E3	1.4	PK	40.1	13.9	0	127.3	408	11
Golden Harvest	GH1495E3 ↗	E3	1.4	PK	40.0	14.3	0	127.3	407	12
Thunder	TE7513N ↗	E3	1.3	PK	39.9	13.1	0	125.7	407	13
Dak-Sota	DE5514 ↗	E3	1.4	PK	38.8	14.0	0	125.3	395	14
Xitavo	XO 1095E ↗	E3	1.0	M	38.7	13.9	0	125.7	394	15
Xitavo	XO 1225E ↗	E3	1.2	M	38.5	13.8	0	126.0	392	16
Stine	08EG62 § ↗	E3	0.8	M	38.4	13.8	0	125.7	391	17
Stine	13EG23 § ↗	E3	1.3	M	38.2	14.2	0	126.3	389	18
Fortus	1175E GC ↗	E3	1.1	PK	38.0	14.4	0	127.3	387	19
Thunder	TX8313N ↗	RXF	1.3	M	37.7	13.7	0	125.0	384	20
Xitavo	XO 0993E ↗	E3	0.9	PK	37.4	14.4	0	126.3	380	21
Thunder	TX8412N ↗	RXF	1.2	M	36.6	13.2	0	125.0	373	22
NK Brand	NK08-R3XF ↗	RXF	0.8	M	36.6	14.1	0	125.0	373	23
Thunder	TE7510N ↗	E3	1.0	M	36.4	13.5	0	126.3	371	24
Xitavo	XO 1404E ↗	E3	1.4	M	36.1	13.7	0	125.3	368	25
NK Brand	NK11-A4E3 ↗	E3	1.1	M	35.9	14.1	0	123.0	365	26
NK Brand	NK11-U2XF ↗	RXF	1.1	M	35.6	13.6	0	125.3	363	27
NK Brand	NK06-A1E3 ↗	E3	0.6	M	35.3	14.4	0	126.7	359	28
Thunder	TE7509N ↗	E3	0.9	M	35.1	13.6	0	123.7	358	29
Dak-Sota	DE5510 ↗	E3	1.0	PK	34.8	14.3	0	126.7	354	30

Averages = **37.0** **13.8** **125.7** **377**

LSD (0.10) = 5.5 0.4 ns

LSD (0.25) = 2.9 0.2 ns

Ed Dahle

ed.dahle@firstseedtests.com, (507) 456-6624

C.V. = 14.1

Historic yield: 44.67 bu/a, 7 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.02 Prices: GMO = \$10.20

Report Date: 10/26/2024

† 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 exceeded the grain moisture limit for this test. **ns** = column values not significantly different. ↗ Links to full product yield results at [www.firstseedtests.com](http://www.firstseedtests.com)

©2024, All rights reserved to Farmers' Independent Research of Seed Technologies, LLC.

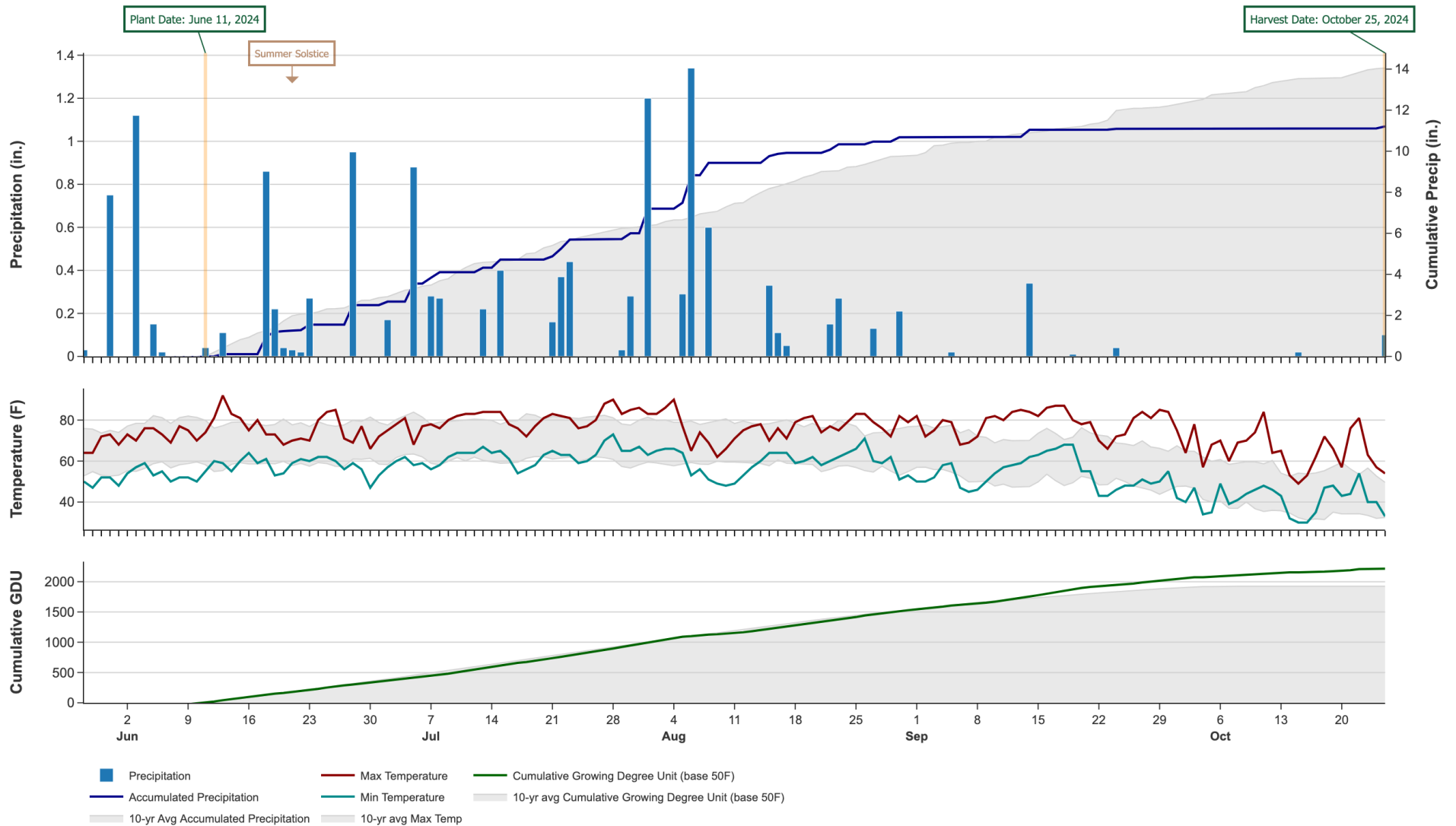
Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

# 2024 Soybeans - Minnesota North Central [ MNNC ]

## Weather Conditions Summary at WENDELL, MN

Weather Data Retrieved: 10/26/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	0.8   0.7 (+0.1)	3.8   3.9 (-0.0)	3.5   3.6 (-0.1)	4.7   3.5 (+1.2)	0.4   2.4 (-2.0)	0.1   1.8 (-1.7)	13.3   15.9 (-2.5)
GDU   Avg (Diff)	38   56 (-18)	470   552 (-82)	646   632 (+13)	556   554 (+1)	510   351 (+158)	175   35 (+140)	2395   2183 (+211)



\* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

Note: Weather information from PRISM Climate Group. Data may be revised by the provider after retrieval. FIRST will not revise or update reports to reflect any weather data changes. For information purposes only.

## 2024 Soybeans - Minnesota North Central [ MNNC ]

### All-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG09XF3 §	RXF	R	0.9	ACi,IL
Asgrow	AG10XF4 §	RXF	R	1.0	ACi,IL
Asgrow	AG14XF4 §	RXF	R	1.4	ACi,IL
Dairyland	DSR-1150E	E3	PK	1.1	Lum,Lu,IL
Dairyland	DSR-1345E	E3	M	1.3	Lum,Lu,IL
Dairyland	DSR-1476E	E3	M	1.4	Lum,Lu,IL
Dak-Sota	DE5215	E3	M	1.5	F
Dak-Sota	DE5412	E3	PK	1.2	F
Dak-Sota	DE5510	E3	PK	1.0	F
Dak-Sota	DE5514	E3	PK	1.4	F
Fortus	0544E GC	E3	M	0.5	AC, SU
Fortus	1175E GC	E3	PK	1.1	AC, SU
Fortus	1385E GC	E3	M	1.3	AC, SU
Golden Harvest	GH0675E3	E3	M	0.6	CMB-APX,SA
Golden Harvest	GH0815E3	E3	M	0.8	CMB-APX,SA
Golden Harvest	GH1495E3	E3	PK	1.4	CMB-APX,SA
NK Brand	NK06-A1E3	E3	M	0.6	CMB-APX,SA
NK Brand	NK07-G5E3 §	E3	PK	0.7	CMB-APX,SA
NK Brand	NK08-R3XF	RXF	M	0.8	CMB-APX,SA
NK Brand	NK08-Z4E3	E3	M	0.8	CMB-APX,SA
NK Brand	NK09-H7E3 §	E3	M	0.9	CMB-APX,SA
NK Brand	NK11-A4E3	E3	M	1.1	CMB-APX,SA
NK Brand	NK11-U2XF	RXF	M	1.1	CMB-APX,SA
NK Brand	NK14-U5E3 §	E3	PK	1.4	CMB-APX,SA
Pioneer	P06A85E §	E3	MR	0.6	Untreated
Pioneer	P08A44E §	E3	NA	0.8	Untreated
Pioneer	P14A12E §	E3	NA	1.4	Untreated
Renk	RS155NXF GC	RXF	M	1.5	EcTC, NF, SA
Stine	08EG62 §	E3	M	0.8	TFX1,SA
Stine	10EG20 §	E3	M	1.0	TFX1,SA
Stine	13EG23 §	E3	M	1.3	TFX1,SA
Thunder	TE7415N	E3	PK	1.5	F
Thunder	TE7509N	E3	M	0.9	F
Thunder	TE7510N	E3	M	1.0	F
Thunder	TE7513N	E3	PK	1.3	F
Thunder	TX8215N	RXF	M	1.5	F
Thunder	TX8309N	RXF	M	0.9	F
Thunder	TX8313N	RXF	M	1.3	F
Thunder	TX8412N	RXF	M	1.2	F
Xitavo	XO 0993E	E3	PK	0.9	PV,IL,OB,Rey
Xitavo	XO 1095E	E3	M	1.0	PV,IL,OB,Rey
Xitavo	XO 1225E	E3	M	1.2	PV,IL,OB,Rey

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Xitavo	XO 1372E	E3,ST	R	1.3	PV,IL,OB,Rey
Xitavo	XO 1404E	E3	M	1.4	PV,IL,OB,Rey
Xitavo	XO 1545E	E3	PK	1.5	PV,IL,OB,Rey

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

---

CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.
§	United Soybean Board sponsored entry

### Soybean Cyst Nematode (SCN) Resistance Source or Rating

Note: Source of SCN resistance used when available, otherwise older susceptibility ratings are reported.

M	PI 88788 (MR)
PK	Peking (R)
H	Hartwig (R)
B	Blend (PK + M)
MR	moderate resistance
R	resistant
S	susceptible
NA	info unavailable

### Soybeans Technologies

---

E3	Enlist E3®
RXF	XtendFlex®
ST	Sulfonylurea tolerant

---

### Soybeans Seed Treatments\*

---

NA	Not Available
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
AC, SU	Acceleron standard+ StepUp
CMB-APX,SA	CruiserMaxx® APX with Saltro®
EcTC, NF, SA	Eclipse US Total Coverage, N-Force, Saltro
F	Fungicide
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
TFX1,SA	Stine MyYield, Saltro
Untreated	No seed treatment

---

\* Seed treatments may include unspecified plant health promoting components.