

Test by: NewVenture, LLC Ellendale, MN

## 2024 Soybeans Top 30 Harvest Report

Minnesota North Central [MNNC] ALBANY, MN  
Mitch Oveman, Stearns County, MN 56381

<b>All-Season Test</b>	Maturity Group <b>0.6 - 1.5</b> S2024MNNC03
<b>Top 30 of 45</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Acuron Gt, Class Act
<b>SOIL DESCRIPTION:</b>	Gonvick loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	low P, low K, 6.1 pH, 2.4% OM, 15.1 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/ Fall Till
<b>PEST MANAGEMENT:</b>	Liberty, Dry Ams
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	Jun 10 140.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 13 126.7 /A

### TEST COMMENTS:

*This site was planted in June in very good conditions. This plot is on an even slope which was probably a good thing for this season. During multiple site visits throughout the growing season, no weed pressure and limited leaf diseases were noted. This field received a very hard rain event right after planting that probably led to a few spots of lower-than-expected final stand. Thank you to Mitch for hosting again this year.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dak-Sota	DE5514 ↗	E3	1.4	PK	<b>58.1</b>	9.6	3	127.0	537	1
Dak-Sota	DE5215 ↗	E3	1.5	M	<b>58.0</b>	9.5	2	125.7	536	2
NK Brand	NK11-A4E3 ↗	E3	1.1	M	<b>56.6</b>	9.6	3	127.3	524	3
Thunder	TE7509N ↗	E3	0.9	M	<b>56.4</b>	8.8	2	127.3	522	4
NK Brand	NK08-Z4E3 ↗	E3	0.8	M	<b>56.4</b>	9.0	3	126.0	522	5
Dak-Sota	DE5412 ↗	E3	1.2	PK	<b>56.4</b>	9.8	2	127.3	522	6
Golden Harvest	GH1495E3 ↗	E3	1.4	PK	55.9	9.4	2	126.7	517	7
Fortus	1385E GC ↗	E3	1.3	M	55.9	8.7	1	126.7	517	8
Stine	10EG20 § ↗	E3	1.0	M	55.6	9.0	0	127.3	514	9
Thunder	TX8215N ↗	RXF	1.5	M	55.4	9.6	1	124.3	512	10
NK Brand	NK06-A1E3 ↗	E3	0.6	M	54.0	9.4	1	128.0	500	11
Thunder	TX8309N ↗	RXF	0.9	M	53.2	9.5	6	126.0	492	12
Dairyland	DSR-1150E ↗	E3	1.1	PK	52.9	9.3	3	126.3	489	13
Dairyland	DSR-1345E ↗	E3	1.3	M	52.5	8.8	1	128.0	486	14
Thunder	TE7415N ↗	E3	1.5	PK	52.3	8.9	1	125.7	484	15
Thunder	TX8313N ↗	RXF	1.3	M	52.2	9.1	1	128.0	483	16
NK Brand	NK08-R3XF ↗	RXF	0.8	M	52.2	9.2	0	127.3	483	17
Thunder	TE7513N ↗	E3	1.3	PK	51.6	9.0	2	127.3	477	18
Asgrow	AG10XF4 § ↗	RXF	1.0	R	51.2	9.1	1	127.3	474	19
Fortus	0544E GC ↗	E3	0.5	M	51.0	9.4	1	125.3	472	20
Stine	08EG62 § ↗	E3	0.8	M	50.8	9.4	2	126.7	470	21
Golden Harvest	GH0675E3 ↗	E3	0.6	M	50.4	8.9	0	126.3	466	22
Pioneer	P08A44E § ↗	E3	0.8	NA	50.1	9.0	0	125.3	463	23
Asgrow	AG09XF3 § ↗	RXF	0.9	R	50.1	9.1	1	125.7	463	24
Xitavo	XO 1404E ↗	E3	1.4	M	50.1	9.5	3	125.0	463	25
NK Brand	NK07-G5E3 § ↗	E3	0.7	PK	50.0	8.9	1	125.7	462	26
Thunder	TX8412N ↗	RXF	1.2	M	49.7	9.0	0	126.7	460	27
NK Brand	NK11-U2XF ↗	RXF	1.1	M	49.0	9.1	2	127.3	453	28
Xitavo	XO 1095E ↗	E3	1.0	M	48.8	9.0	0	126.7	451	29
NK Brand	NK14-U5E3 § ↗	E3	1.4	PK	48.7	9.4	6	126.7	450	30

Averages = **50.4** **9.2** **2** **126.7** **466**

LSD (0.10) = 5.6 0.3 2

LSD (0.25) = 2.9 0.2 1

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C.V. = 10.5

Historic yield: 50.29 bu/a, 8 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.2 Drying = \$0.02 Prices: GMO = \$9.25

Report Date: 10/13/2024

† 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)

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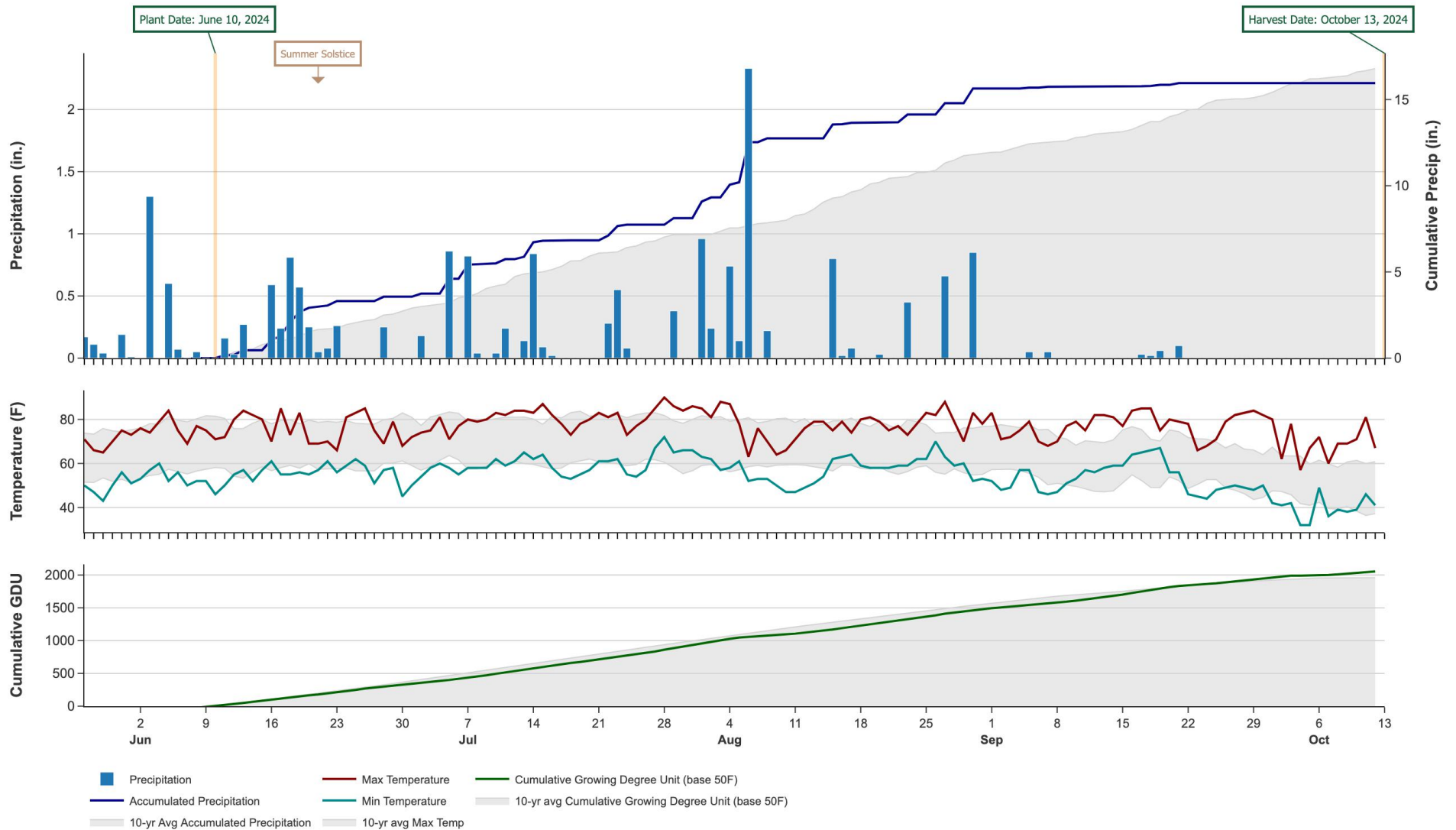
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# 2024 Soybeans - Minnesota North Central [ MNNC ]

## Weather Conditions Summary at ALBANY, MN

Weather Data Retrieved: 10/13/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	0.5   0.7 (-0.2)	5.6   4.0 (+1.5)	4.6   4.5 (+0.1)	7.5   4.7 (+2.8)	0.3   3.4 (-3.0)	0.0   1.6 (-1.6)	18.5   18.8 (-0.3)
GDU   Avg (Diff)	52   66 (-14)	466   539 (-73)	616   629 (-13)	538   558 (-20)	478   361 (+116)	100   44 (+55)	2250   2199 (+50)



\* 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

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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

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E3	Enlist E3®
RXF	XtendFlex®
ST	Sulfonylurea tolerant

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### Soybeans Seed Treatments\*

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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

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