

Test by: NewVenture, LLC Ellendale, MN

2024 Soybeans Top 30 Harvest Report

Minnesota North Central [MNNC] CLINTON, MN
Doug Nelson, Big Stone County, MN 56225

All-Season Test	Maturity Group 0.6 - 1.5 S2024MNNC01
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (2) Replications
PREV. CROP/HERB:	Corn / Force, Calisto, Roundup
SOIL DESCRIPTION:	Fram-Vallers-Parnell Complex loam, moderately drained, non- irrigated
SOIL CONDITION:	high P, medium K, 6.8 pH, 4.4% OM, 20.3 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Liberty, Actamaster
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 13 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 7 127.3 /A

TEST COMMENTS:

This was the first soybean site we planted this spring. The planting conditions were near perfect. This spring was very wet and then the rain stopped in mid-August. The top end of the yield did not get there due to a wet beginning and a dry finish. The beans were standing great and combined very well today. We want to thank Doug and Nate for hosting a soybean plot again. One replicate was removed from the analysis due to high yield variation.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Stine	13EG23 § ↗	E3	1.3	M	61.6	6.8	0	127.0	625	1
Dairyland	DSR-1150E ↗	E3	1.1	PK	60.5	6.9	0	128.0	614	2
Xitavo	XO 1095E ↗	E3	1.0	M	60.5	6.8	0	127.0	614	3
Dairyland	DSR-1476E ↗	E3	1.4	M	59.3	6.9	1	126.0	601	4
NK Brand	NK11-A4E3 ↗	E3	1.1	M	58.0	6.7	1	127.0	589	5
Xitavo	XO 1404E ↗	E3	1.4	M	57.9	6.8	0	127.0	588	6
NK Brand	NK11-U2XF ↗	RXF	1.1	M	57.7	6.7	1	128.0	586	7
Fortus	1385E GC ↗	E3	1.3	M	55.2	6.8	0	126.0	559	8
NK Brand	NK08-R3XF ↗	RXF	0.8	M	55.1	6.8	0	128.5	558	9
Xitavo	XO 0993E ↗	E3	0.9	PK	53.8	6.8	0	127.0	546	10
Thunder	TE7510N ↗	E3	1.0	M	53.7	6.8	0	125.5	544	11
Thunder	TX8215N ↗	RXF	1.5	M	53.0	6.8	0	128.5	538	12
Stine	10EG20 § ↗	E3	1.0	M	52.9	6.8	0	126.5	537	13
Dak-Sota	DE5215 ↗	E3	1.5	M	52.1	6.8	1	127.0	528	14
Stine	08EG62 § ↗	E3	0.8	M	51.6	6.8	1	127.0	523	15
NK Brand	NK14-U5E3 § ↗	E3	1.4	PK	51.4	6.8	3	128.0	522	16
Xitavo	XO 1225E ↗	E3	1.2	M	51.4	6.9	0	127.0	522	17
Xitavo	XO 1545E ↗	E3	1.5	PK	51.0	6.7	3	127.0	518	18
Pioneer	P08A44E § ↗	E3	0.8	NA	50.5	6.8	0	127.0	513	19
Asgrow	AG14XF4 § ↗	RXF	1.4	R	49.7	6.9	0	125.5	504	20
Thunder	TE7415N ↗	E3	1.5	PK	49.5	6.8	0	127.0	502	21
Golden Harvest	GH0675E3 ↗	E3	0.6	M	48.9	6.8	0	128.5	496	22
NK Brand	NK09-H7E3 § ↗	E3	0.9	M	47.9	6.8	0	128.0	486	23
Thunder	TX8412N ↗	RXF	1.2	M	47.7	6.7	0	128.5	483	24
NK Brand	NK07-G5E3 § ↗	E3	0.7	PK	47.3	6.9	0	128.5	480	25
Fortus	0544E GC ↗	E3	0.5	M	47.3	6.7	0	127.0	479	26
Thunder	TX8309N ↗	RXF	0.9	M	47.1	6.7	2	127.0	478	27
Pioneer	P06A85E § ↗	E3	0.6	MR	47.1	6.8	0	127.0	477	28
Golden Harvest	GH0815E3 ↗	E3	0.8	M	46.7	6.8	0	127.0	474	29
Dairyland	DSR-1345E ↗	E3	1.3	M	46.3	6.9	1	127.0	469	30

Averages = **49.0** **6.8** **1** **127.3** **499**

LSD (0.10) = 7.2 ns ns

LSD (0.25) = 3.8 ns ns

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C.V. = 11.3

Historic yield: 53.36 bu/a, 15 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.2 Drying = \$0.02 Prices: GMO = \$10.15

Report Date: 10/08/2024

† 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 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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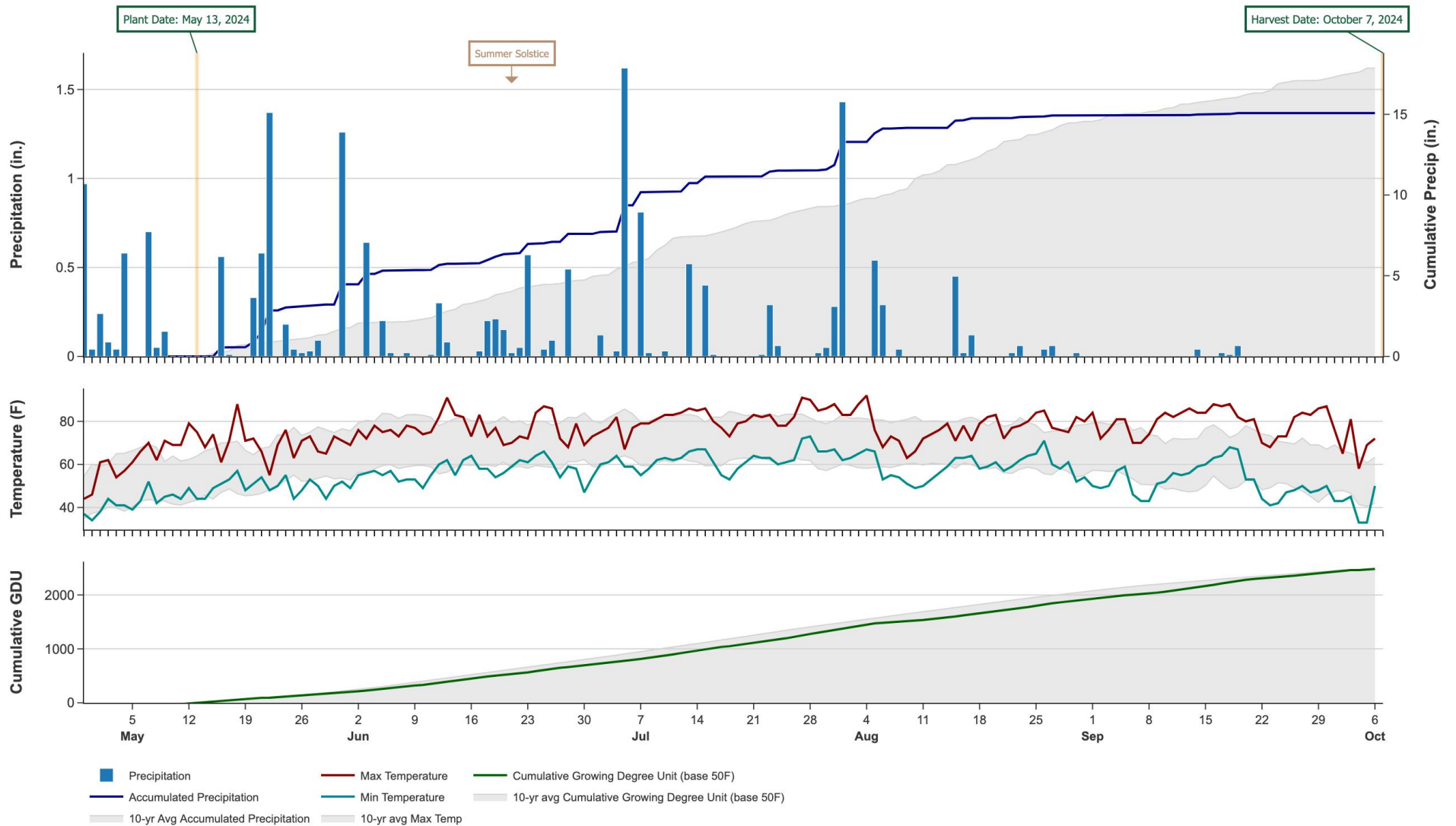
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2024 Soybeans - Minnesota North Central [MNNC]

Weather Conditions Summary at CLINTON, MN

Weather Data Retrieved: 10/08/2024

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	1.0 0.3 (+0.8)	6.3 3.0 (+3.3)	3.1 3.0 (+0.1)	4.3 4.6 (-0.3)	3.1 5.3 (-2.2)	0.1 2.6 (-2.5)	0.0 0.7 (-0.7)	17.9 19.4 (-1.5)
GDU Avg (Diff)	0 0 (0)	282 296 (-14)	503 591 (-88)	663 668 (-5)	560 587 (-27)	511 385 (+125)	56 44 (+11)	2575 2574 (0)



* 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.

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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 Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	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.