

Test by: NewVenture, LLC Ellendale, MN

## 2024 Soybeans Top 30 Harvest Report

Minnesota Central [MNCE] LESTER PRAIRIE, MN  
Nathan Ide, McLeod County, MN 55354

<b>All-Season Test</b>	Maturity Group 1.3 - 2.0 S2024MNCE03
<b>Top 30 of 45</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn, 2+ Yr / Harness, Calisto, Surestart
<b>SOIL DESCRIPTION:</b>	Le Sueur-Lester Complex clay loam, moderately drained, non-irrigated
<b>SOIL CONDITION:</b>	medium P, medium K, 6.3 pH, 2.9% OM, 17.9 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/ Fall Till
<b>PEST MANAGEMENT:</b>	Liberty
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEDED - RATE - ROW:</b>	May 19 140.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 9 125.1 /A

### TEST COMMENTS:

We were fortunate to get this plot planted on May 19. After planting, the site had way too much rain which got the beans off to a slow start. The surrounding field yielded in the 50's and we felt its higher yield was probably due its being planted a week prior. Nate also reported that there was a 14% crop loss due to hail in the area. We want to thank Nate 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
Thunder	TX8417N ↗	RXF	1.7	M	<b>60.5</b>	7.1	6	127.0	575	1
Apex	AE1350 ↗	E3	1.3	M	<b>58.3</b>	7.3	13	126.3	554	2
Asgrow	AG14XF4 § ↗	RXF	1.4	R	<b>58.1</b>	7.6	2	125.7	552	3
Xitavo	XO 1372E ↗	E3,ST	1.3	R	<b>57.8</b>	7.3	2	124.7	549	4
Genesis	G2090E ↗	E3	2.0	PK	<b>57.2</b>	7.6	3	126.0	543	5
Thunder	TX8313N ↗	RXF	1.3	M	<b>56.8</b>	7.7	2	126.3	540	6
Golden Harvest	GH1495E3 § ↗	E3	1.4	PK	<b>53.1</b>	7.5	2	126.7	504	7
Asgrow	AG19XF3 § ↗	RXF	1.9	R	52.1	7.8	5	127.5	494	8
Thunder	TX8215N ↗	RXF	1.5	M	51.9	7.5	6	126.0	493	9
Genesis	G1590E ↗	E3	1.5	PK	51.6	7.3	2	125.3	490	10
Dairyland	DSR-1989E ↗	E3	1.9	PK	51.2	7.4	3	125.3	486	11
Xitavo	XO 1404E ↗	E3	1.4	M	50.7	7.4	9	126.7	482	12
Dairyland	DSR-1476E ↗	E3	1.4	M	49.8	7.2	6	126.3	473	13
Stine	20EG02 § ↗	E3	2.0	M	49.7	8.4	20	126.3	472	14
Jacobsen	J1942E3 ↗	E3	1.9	PK	49.1	7.8	1	125.0	466	15
Xitavo	XO 2075E ↗	E3	2.0	PK	49.0	7.9	5	126.3	466	16
Pioneer	P20A48E § ↗	E3	2.0	M	48.7	7.4	11	125.7	463	17
Apex	AE2050 ↗	E3	2.0	PK	48.4	7.7	4	124.3	460	18
Xitavo	XO 1545E ↗	E3	1.5	PK	48.3	7.3	3	126.3	459	19
Dak-Sota	DE5215 ↗	E3	1.5	M	47.5	7.8	3	127.0	451	20
Thunder	TE7415N ↗	E3	1.5	PK	47.5	7.3	0	126.0	451	21
Renk	RS194NXF GC ↗	RXF	1.9	M	47.2	7.5	2	126.7	448	22
Dairyland	DSR-1654E ↗	E3	1.6	M	47.0	7.6	14	128.0	446	23
Xitavo	XO 1822E ↗	E3	1.8	M	46.1	7.9	18	127.3	438	24
Dak-Sota	DE5117 ↗	E3	1.7	M	45.3	7.4	1	125.0	430	25
Loyal	L1860E GC ↗	E3	1.8	PK	45.2	7.6	7	126.5	429	26
Jacobsen	J1464E3 ↗	E3	1.4	PK	45.1	7.3	13	126.3	428	27
Golden Harvest	GH1875E3 § ↗	E3	1.8	M	45.0	7.4	14	125.3	428	28
Xitavo	XO 1632E ↗	E3	1.6	M	44.9	7.7	20	126.7	427	29
Apex	AE1550 ↗	E3	1.5	PK	44.7	7.6	5	126.0	425	30

Averages = **47.3** **7.5** **7** **125.1** **449**

LSD (0.10) = 5.5 0.3 8

LSD (0.25) = 2.9 0.1 4

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C.V. = 11.1

Historic yield: 53.04 bu/a, 7 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$9.50

Report Date: 10/10/2024

† 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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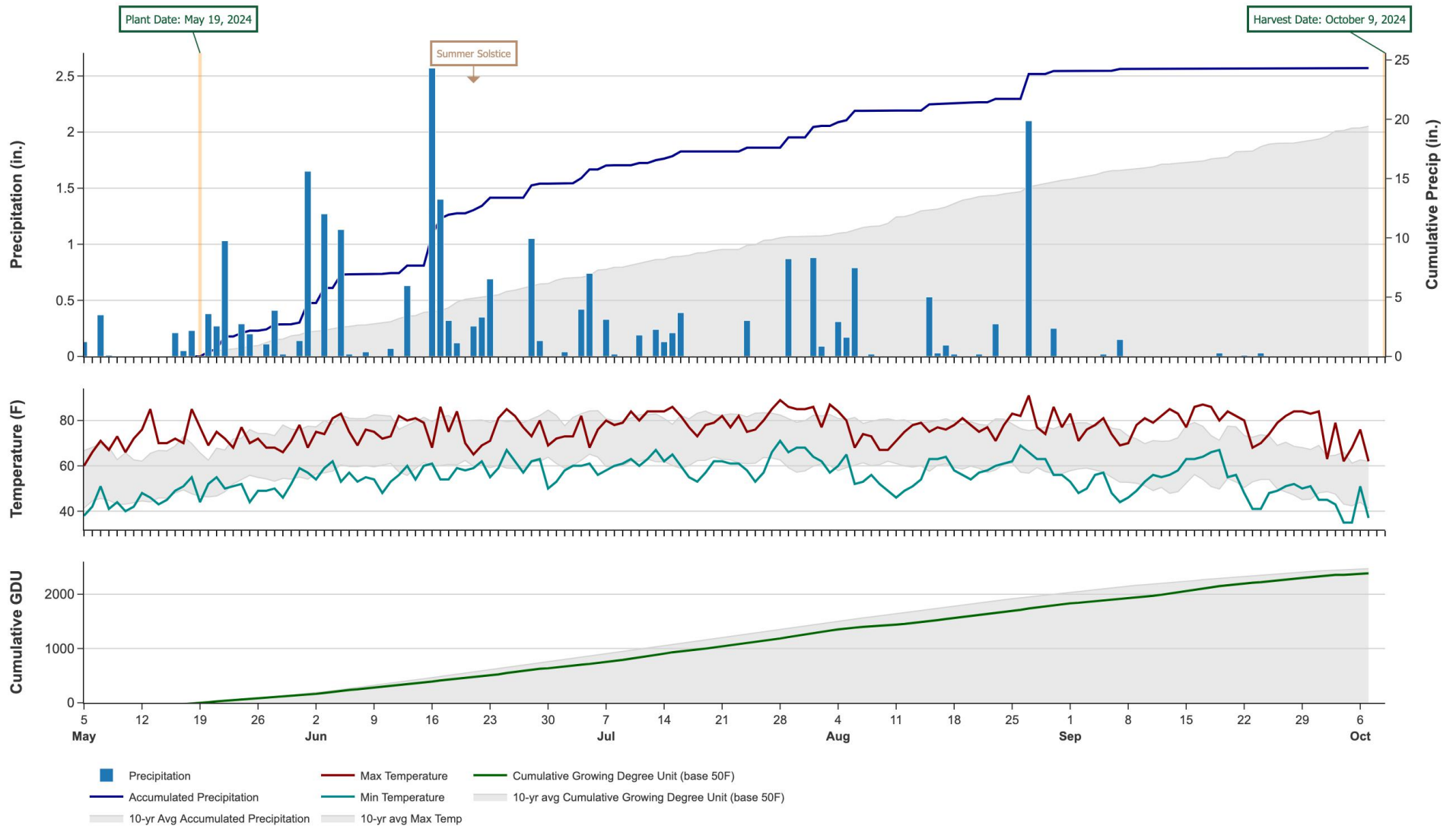
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# 2024 Soybeans - Minnesota Central [ MNCE ]

## Weather Conditions Summary at LESTER PRAIRIE, MN

Weather Data Retrieved: 10/10/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	3.9   4.0 (-0.2)	11.7   4.3 (+7.4)	3.9   4.0 (-0.1)	5.6   4.8 (+0.8)	0.2   3.4 (-3.2)	0.0   1.2 (-1.2)	25.3   21.6 (+3.7)
GDU   Avg (Diff)	301   279 (+21)	498   597 (-99)	628   668 (-40)	550   598 (-48)	504   401 (+102)	66   49 (+16)	2547   2596 (-49)



\* 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 Central [ MNCE ]

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

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE1350	E3	M	1.3	F,I
Apex	AE1520	E3	M	1.5	F,I
Apex	AE1550	E3	PK	1.5	NA
Apex	AE2050	E3	PK	2.0	F,I
Asgrow	AG14XF4 §	RXF	R	1.4	ACi,IL
Asgrow	AG18XF1 §	RXF	R	1.8	ACi,IL
Asgrow	AG19XF3 §	RXF	R	1.9	ACi,IL
Dairyland	DSR-1476E	E3	M	1.4	Lum,Lu,IL
Dairyland	DSR-1654E	E3	M	1.6	Lum,Lu,IL
Dairyland	DSR-1989E	E3	PK	1.9	Lum,Lu,IL
Dairyland	DSR-2055E	E3	M	2.0	Lum,Lu,IL
Dak-Sota	DE5117	E3	M	1.7	F
Dak-Sota	DE5215	E3	M	1.5	F
Dak-Sota	DE5514	E3	PK	1.4	F
Dak-Sota	DE5519	E3	PK	1.9	F
Genesis	G1560E	E3	R	1.5	EcTC
Genesis	G1590E	E3	PK	1.5	CMBV,SA
Genesis	G1760E	E3	R	1.7	EcTC
Genesis	G2090E	E3	PK	2.0	EcTC,SA
Golden Harvest	GH1495E3 §	E3	PK	1.4	CMB-APX,SA
Golden Harvest	GH1555XF	RXF	M	1.5	CMB-APX,SA
Golden Harvest	GH1614E3 §	E3	PK	1.6	CMB-APX,SA
Golden Harvest	GH1875E3 §	E3	M	1.8	CMB-APX,SA
Jacobsen	J1464E3	E3	PK	1.4	F,I
Jacobsen	J1873E3	E3	PK	1.8	F,I
Jacobsen	J1942E3	E3	PK	1.9	F,I
Loyal	L1860E GC	E3	PK	1.8	F,I,B,NE,NU
Pioneer	P14A12E §	E3	NA	1.4	Untreated
Pioneer	P19A37E §	E3	NA	1.9	Untreated
Pioneer	P20A48E §	E3	M	2.0	Untreated
Renk	RS194NXF GC	RXF	M	1.9	EcTC, NF, SA
Stine	13EG23 §	E3	M	1.3	TFX1,SA
Stine	17EE32 §	E3	M	1.7	TFX1,SA
Stine	20EG02 §	E3	M	2.0	TFX1,SA
Thunder	TE7415N	E3	PK	1.5	F
Thunder	TE7513N	E3	PK	1.3	F
Thunder	TX8215N	RXF	M	1.5	F
Thunder	TX8313N	RXF	M	1.3	F
Thunder	TX8417N	RXF	M	1.7	F
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

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Xitavo	XO 1632E	E3	M	1.6	PV,IL,OB,Rey
Xitavo	XO 1822E	E3	M	1.8	PV,IL,OB,Rey
Xitavo	XO 2075E	E3	PK	2.0	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
CMB-APX,SA	CruiserMaxx® APX with Saltro®
CMBV,SA	Cruisermaxx® Beans, Vibrance®, Saltro®
EcTC	Eclipse US Total Coverage Trio IM, N-Force
EcTC, NF, SA	Eclipse US Total Coverage, N-Force, Saltro
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro®
F	Fungicide
F,I	Fungicide, Insecticide
F,I,B,NE,NU	Fungicide, Insecticide, Biological, Nematicide, Nutrition
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.