

Test by: NewVenture, LLC Ellendale, MN

2025 Soybeans Top 30 Harvest Report

Minnesota Central [MNCE] KERKHOVEN, MN

Rolo Dairy, Rod and Brody Lindquist, Swift County, MN
56252

All-Season Test	Maturity Group 1.3 - 2.0 S2025MNCE01
Top 29 of 29	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Tripleflex, Callisto, Laudis, Roundup
SOIL DESCRIPTION:	Parnell silty clay loam, poorly drained, non-irrigated
SOIL CONDITION:	7.81 pH, 3.82% OM, 26.86 CEC, low P, low K, low S, high B, low Zn
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Authority Edge, Liberty, Roundup, Clethodim
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 4 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 10 123.6 /A
PEST & DISEASE RISK:	SCN, Fusarium, Anthracnose of Soybean*

TEST COMMENTS:

This was a very uniform plot location with great planting conditions. However, the region received heavy rains during the growing season, and there were signs of excess water. The additional moisture resulted in shorter-statured beans throughout the plot, limiting yield potential. The plants stood well into harvest and harvested easily. Thanks to Rod, Brody, and Colby for hosting.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dairyland	DSR-1601E ↗	E3	1.6	PK	60.9	7.6	0	126.0	585	1
Dairyland	DSR-2067E ↗	E3	2.0	PK	58.3	7.6	1	126.0	560	2
Dairyland	DSR-1383E ↗	E3	1.3	PK	54.3	7.6	0	126.0	521	3
Apex	AE2050 ↗	E3	2.0	PK	51.3	7.9	10	121.3	492	4
Xitavo	XO 2075E ↗	E3	2.0	PK	51.0	7.7	0	126.0	490	5
Thunder	TE7415N ↗	E3	1.5	PK	48.9	7.9	0	121.7	469	6
Xitavo	XO 1776E ↗	E3	1.7	M	48.2	7.2	0	126.0	463	7
Dairyland	DSR-1881E ↗	E3	1.8	M	48.2	7.4	0	122.7	463	8
Pioneer	P17Z39E GC ↗	E3	1.7	PK	47.2	7.4	0	124.0	453	9
Thunder	TX8618N ↗	RXF	1.8	M	47.0	7.2	0	126.0	451	10
Xitavo	XO 1446E ↗	E3	1.4	M	46.8	7.7	0	126.0	449	11
Jacobsen	J1942E3 ↗	E3	1.9	PK	46.6	7.6	0	126.0	447	12
Apex	AE1350 ↗	E3	1.3	M	45.7	7.6	0	124.0	439	13
Xitavo	XO 1986E ↗	E3	1.9	M	45.0	7.3	1	126.0	432	14
Dak-Sota	DE5514 ↗	E3	1.4	PK	44.2	8.3	0	123.0	424	15
Stine	13EH62 GC ↗	E3	1.3	M	43.7	7.6	0	126.0	420	16
Anderson	A154E3 ↗	E3	1.5	PK	42.7	8.4	0	126.0	410	17
Xitavo	XO 1545E ↗	E3	1.5	PK	42.4	8.2	0	117.7	407	18
Dak-Sota	DE5215 ↗	E3	1.5	M	41.9	7.9	0	118.3	402	19
Apex	AE1660 ↗	E3	1.6	PK	41.7	7.2	0	126.0	400	20
Apex	AE1960 ↗	E3	1.9	M	41.7	7.4	0	122.7	400	21
Anderson	A174E3 ↗	E3	1.7	M	41.4	7.8	0	126.0	397	22
Stine	19EE62 GC ↗	E3	1.9	NA	40.9	7.4	0	121.7	393	23
Stine	18EJ02 GC ↗	E3	1.8	M	40.4	7.4	0	126.0	388	24
Thunder	TX8215N ↗	RXF	1.5	M	40.3	7.8	0	124.0	387	25
Dak-Sota	DE5617 ↗	E3	1.7	M	40.3	7.4	0	119.3	387	26
Apex	AE1650 ↗	E3	1.6	M	39.0	7.6	0	119.7	374	27
Apex	AE1760 ↗	E3	1.7	M	38.8	7.5	0	120.7	372	28
Thunder	TX8313N ↗	RXF	1.3	M	32.8	7.9	0	120.7	315	29
					Averages =	45.2	7.7	0	123.6	434
					LSD (0.10) =	5.5	0.2	ns		
					LSD (0.25) =	2.9	0.1	ns		
					C.V. =	11.4				

Ed Dahle

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Historic yield: 51.74 bu/a, 2 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.035 Prices: GMO = \$9.60

Report Date: 10/10/2025

Additional reports available at www.firstseedtests.com

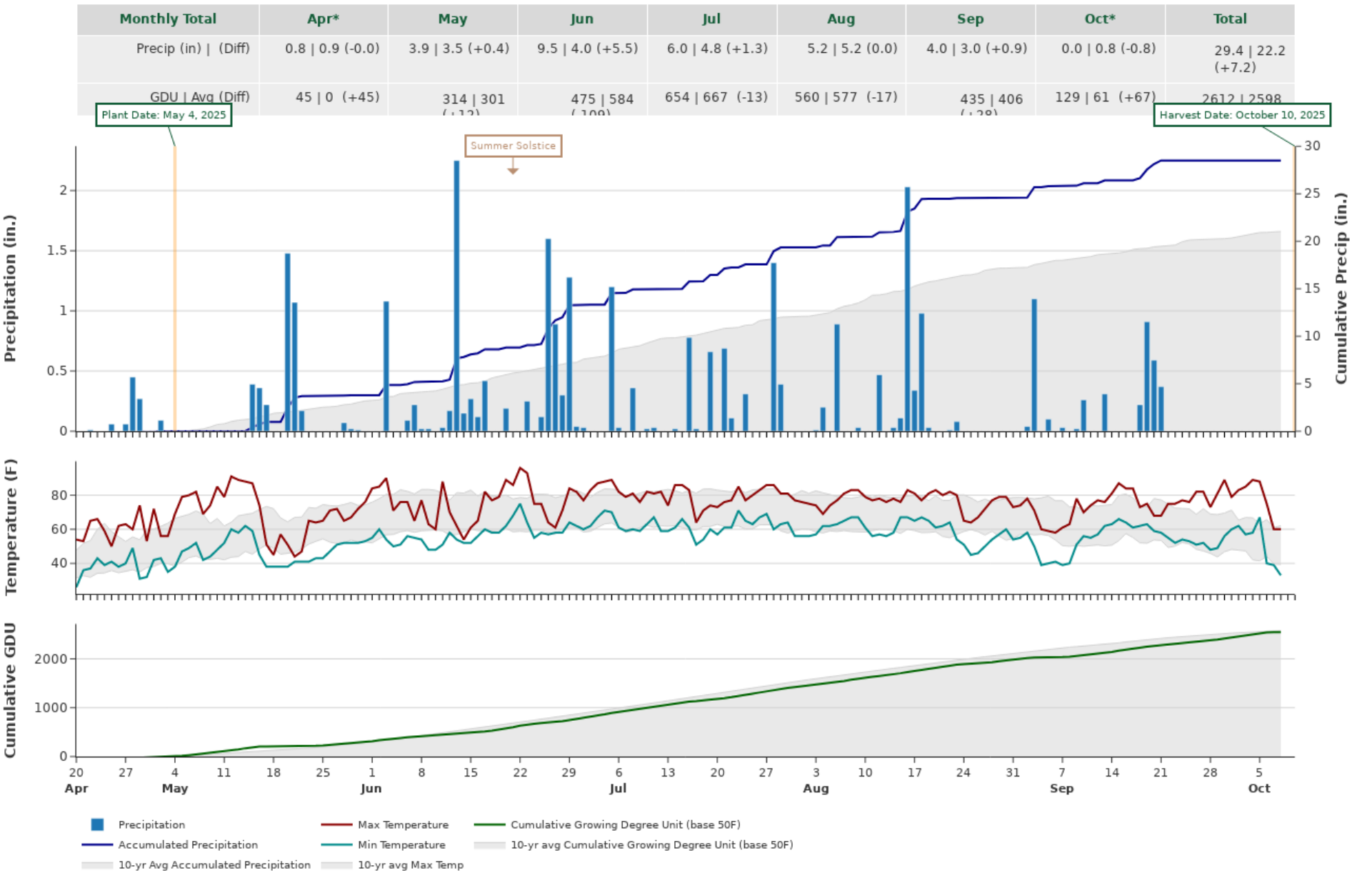
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. *Earthoptics used for soil conditions and soil-borne disease & pest risks. ↗ Links to full product yield results at www.firstseedtests.com.

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2025 Soybeans - Minnesota Central [MNCE]

Weather Conditions Summary at KERKHOVEN, MN

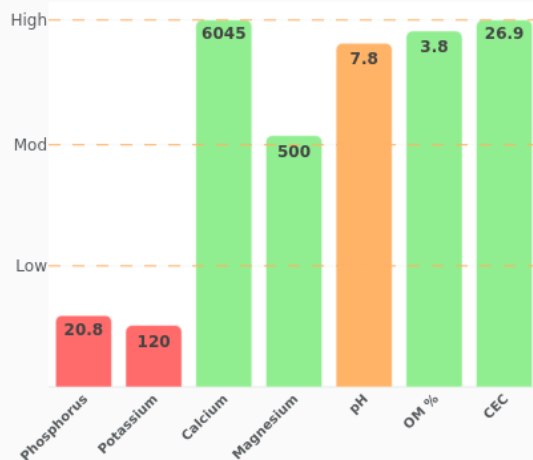
Weather Data Retrieved: 10/10/2025



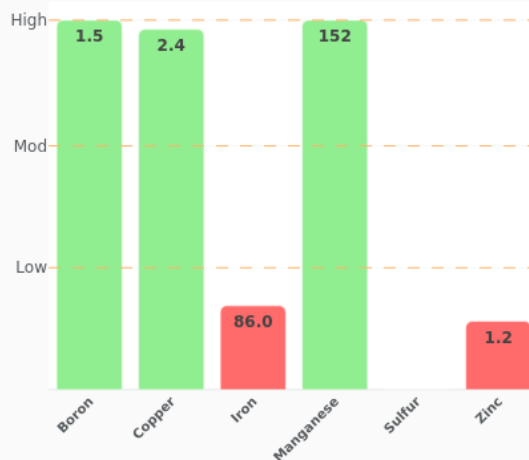
* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

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.

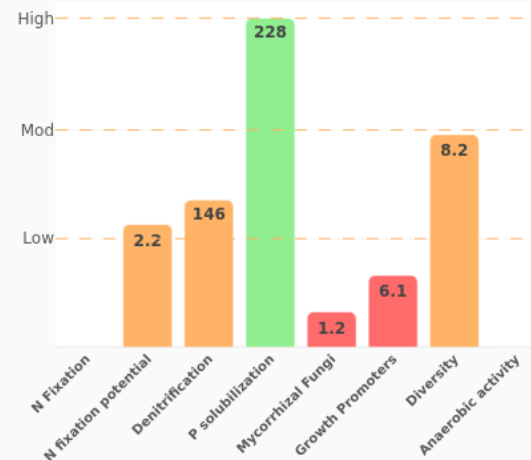
Macronutrients



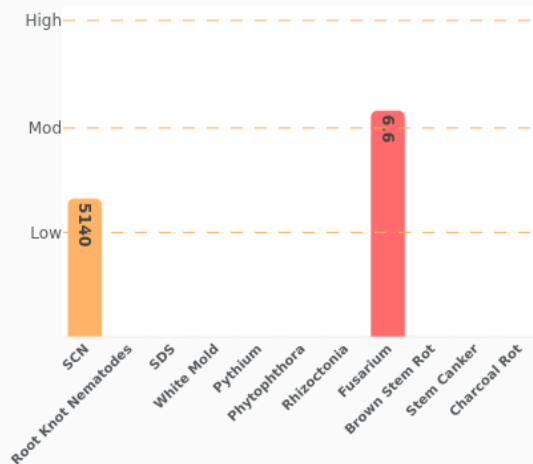
Micronutrients



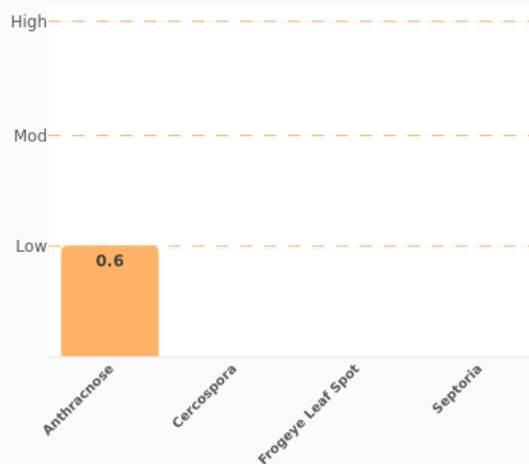
Biofertility Analytics



Below Ground Pest & Disease - Soybeans



Above Ground Pest & Disease - Soybeans



More Information

You can find more information about the EarthOptics and soil analytics reported at the following links:

- [Reported Analytics Descriptions](#)
- [Soil Nutrients & Fertility](#)
- [Analytics & Insights](#)
- [EarthOptics](#)

2025 Soybeans - Minnesota Central [MNCE]

All-Season Test Products (29 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Anderson	A154E3	E3	PK	1.5	NA
Anderson	A174E3	E3	M	1.7	NA
Apex	AE1350	E3	M	1.3	F,I
Apex	AE1650	E3	M	1.6	CMB-APX,SA
Apex	AE1660	E3	PK	1.6	CMB-APX,SA
Apex	AE1760	E3	M	1.7	F,I
Apex	AE1960	E3	M	1.9	CMB-APX,SA
Apex	AE2050	E3	PK	2.0	F,I
Dairyland	DSR-1383E	E3	PK	1.3	Lum, LumT, IL
Dairyland	DSR-1601E	E3	PK	1.6	Lum, LumT, IL
Dairyland	DSR-1881E	E3	M	1.8	Lum, LumT, IL
Dairyland	DSR-2067E	E3	PK	2.0	Lum, LumT, IL
Dak-Sota	DE5215	E3	M	1.5	TFI
Dak-Sota	DE5514	E3	PK	1.4	TFI
Dak-Sota	DE5617	E3	M	1.7	TFI
Jacobsen	J1942E3	E3	PK	1.9	ACi,IL
Pioneer	P17Z39E	E3	PK	1.7	Untreated
Stine	13EH62	E3	M	1.3	Untreated
Stine	18EJ02	E3	M	1.8	SFI
Stine	19EE62	E3	NA	1.9	SFI
Thunder	TE7415N	E3	PK	1.5	TFI
Thunder	TX8215N	RXF	M	1.5	TFI
Thunder	TX8313N	RXF	M	1.3	TFI
Thunder	TX8618N	RXF	M	1.8	TFI
Xitavo	XO 1446E	E3	M	1.4	PV,IL,OB,Rey
Xitavo	XO 1545E	E3	PK	1.5	PV,IL,OB,Rey
Xitavo	XO 1776E	E3	M	1.7	PV,IL,OB,Rey
Xitavo	XO 1986E	E3	M	1.9	PV,IL,OB,Rey
Xitavo	XO 2075E	E3	PK	2.0	PV,IL,OB,Rey

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

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.

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®

Soybeans Seed Treatments*

ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
CMB-APX,SA	CruiserMaxx® APX with Saltro®
F,I	Fungicide, Insecticide
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
SFI	Stine XP F&I
TFI	ThunderStruck F&I (Thunder Seed Inc.)
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.