

Test by: NewVenture, LLC Ellendale, MN

2025 Soybeans Top 30 Harvest Report

Minnesota North Central [MNNC] ALBANY, MN

Mitch Overman, Stearns County, MN 56381

All-Season Test	Maturity Group 0.6 - 1.5 S2025MNNC04
Top 28 of 28	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Acuron Gt, Class Act
SOIL DESCRIPTION:	Waukon loam, well drained, non-irrigated
SOIL CONDITION:	7.48 pH, 5.55% OM, 13.98 CEC, high P, medium K, low S, high B, high Zn
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Class Act, Roundup, Liberty
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 19 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 11 122.5 /A
PEST & DISEASE RISK:	SCN, Fusarium, Stem Canker, Brown Stem Rot, Red Crown Rot, Anthracnose of Soybean*

TEST COMMENTS:

This plot was planted into good moisture and saw 2" of cold rain immediately after planting. This may have slowed emergence and resulted in a few lighter stands. The plot's yields averaged just below their historical average, but they were in line with the surrounding field. From variety to variety, the plot was uniform in performance with only a 12 bushel spread from the top to bottom performer. Thanks to Mitch for hosting.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dairyland	DSR-0678E ↗	E3	0.6	M	53.5	6.6	2	120.7	514	1
Stine	13EH62 ↗	E3	1.3	M	53.4	6.7	4	126.0	513	2
Dairyland	DSR-1383E ↗	E3	1.3	PK	51.9	6.4	1	126.0	498	3
Dairyland	DSR-1099E ↗	E3	1.0	M	51.4	6.5	0	124.5	493	4
Stine	08EG62 ↗	E3	0.8	M	51.0	6.4	0	126.0	490	5
Thunder	TE7513N ↗	E3	1.3	PK	50.9	6.3	1	115.0	489	6
Jacobsen	J1464E3 ↗	E3	1.4	PK	50.8	6.3	2	124.7	488	7
Xitavo	XO 0806E ↗	E3	0.8	M	50.3	6.3	0	126.0	483	8
Xitavo	XO 1446E ↗	E3	1.4	M	50.3	6.3	4	124.0	483	9
Dak-Sota	DE5215 ↗	E3	1.5	M	49.9	6.6	0	126.0	479	10
Xitavo	XO 1116E ↗	E3	1.1	M	49.3	6.8	2	121.3	473	11
Apex	AE1350 ↗	E3	1.3	M	49.3	6.4	2	124.7	473	12
Thunder	TX8215N ↗	RXF	1.5	M	48.8	6.6	3	126.0	468	13
Thunder	TE7415N ↗	E3	1.5	PK	48.6	6.5	0	121.7	467	14
Stine	10EH02 ↗	E3	1.0	M	48.5	6.6	1	126.0	466	15
Xitavo	XO 1095E ↗	E3	1.0	M	48.4	6.3	4	121.7	465	16
Thunder	TX8412N ↗	RXF	1.2	M	48.0	6.3	2	120.7	461	17
Apex	AE1520 ↗	E3	1.5	M	47.9	6.6	0	124.0	460	18
Stine	15EH02 ↗	E3	1.5	M	47.3	6.5	3	119.7	454	19
Dak-Sota	DE5514 ↗	E3	1.4	PK	47.1	6.6	0	122.7	452	20
Xitavo	XO 1545E ↗	E3	1.5	PK	46.6	6.5	1	124.0	447	21
Thunder	TE7510N ↗	E3	1.0	M	45.6	6.6	0	121.0	438	22
Stine	08EJ32 ↗	E3	0.8	M	45.4	6.4	0	119.3	436	23
Xitavo	XO 1225E ↗	E3	1.2	M	45.3	6.4	3	119.7	435	24
Thunder	TX8307N ↗	RXF	0.7	M	45.1	6.5	0	124.7	433	25
Apex	AE1050 ↗	E3	1.0	M	44.8	6.3	3	111.7	430	26
Thunder	TX8313N ↗	RXF	1.3	M	43.3	6.5	0	124.7	416	27
Pioneer	P13Z28E GC ↗	E3	1.3	S	41.4	6.4	0	118.3	397	28

Averages = **48.3** **6.5** **1** **122.5** **464**

LSD (0.10) = 3.7 ns ns

LSD (0.25) = 1.9 ns ns

C.V. = 7.2

Historic yield: 50.31 bu/a, 8 yr(s)

Ed Dahle

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Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.035

Prices: GMO = \$9.60

Report Date: 10/11/2025

Additional reports available at www.firstseedtests.com

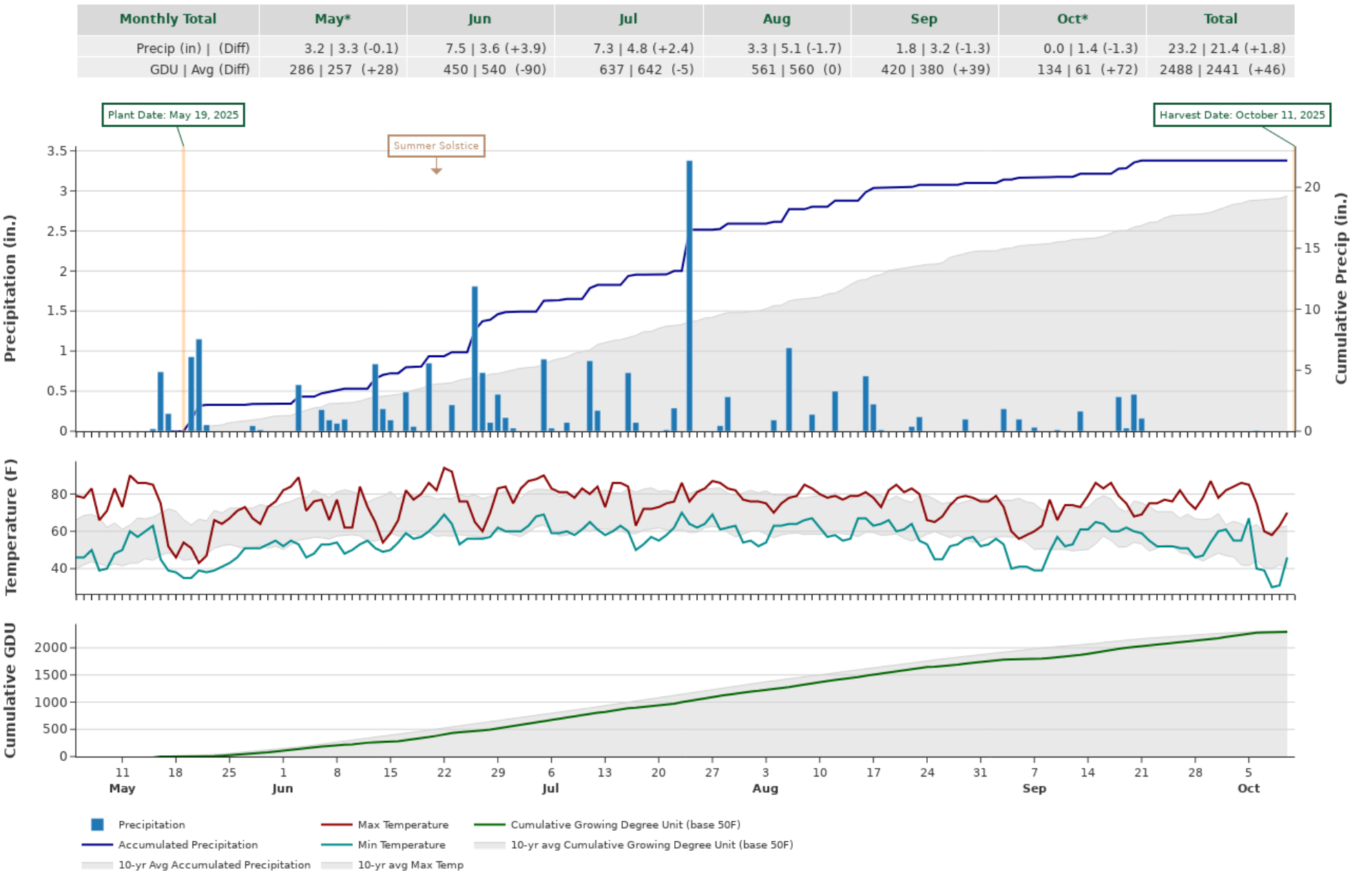
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly 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 North Central [MNNC]

Weather Conditions Summary at ALBANY, MN

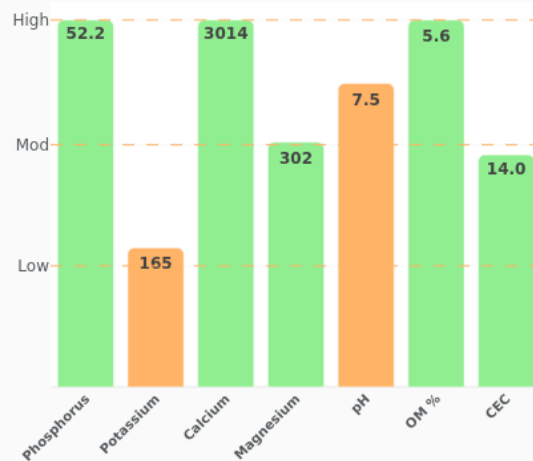
Weather Data Retrieved: 10/11/2025



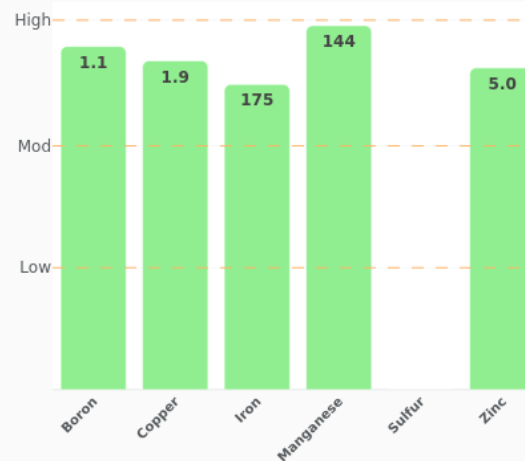
* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

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.

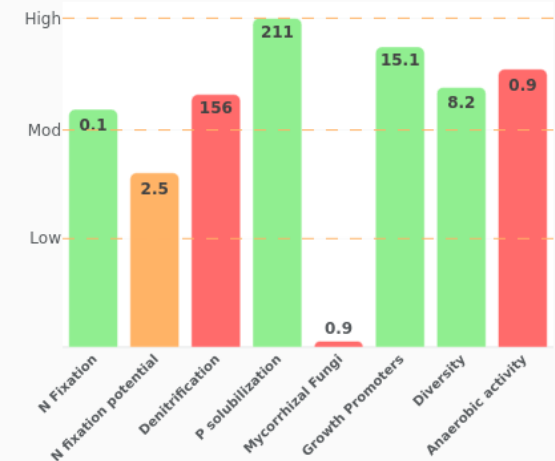
Macronutrients



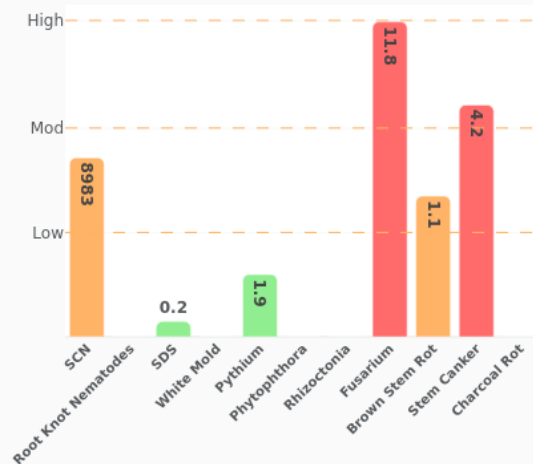
Micronutrients



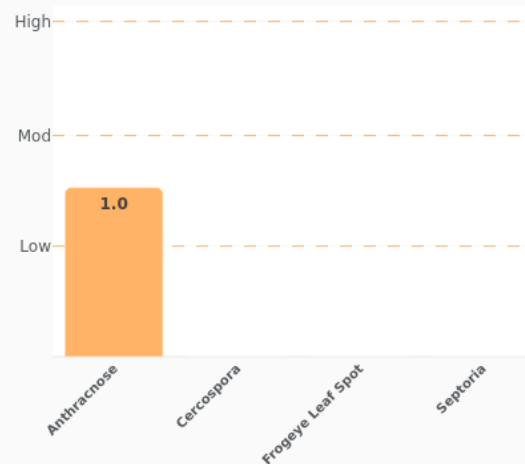
Biofertility Analytics



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 North Central [MNNC]

All-Season Test Products (28 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE1050	E3	M	1.0	CMB-APX,SA
Apex	AE1350	E3	M	1.3	CMBV,SA
Apex	AE1520	E3	M	1.5	F,I
Dairyland	DSR-0678E	E3	M	0.6	Lum, LumT, IL
Dairyland	DSR-1099E	E3	M	1.0	Lum, LumT, IL
Dairyland	DSR-1383E	E3	PK	1.3	Lum, LumT, IL
Dak-Sota	DE5215	E3	M	1.5	TFI
Dak-Sota	DE5514	E3	PK	1.4	TFI
Jacobsen	J1464E3	E3	PK	1.4	F,I
Pioneer	P13Z28E	E3	S	1.3	Treated
Stine	08EG62	E3	M	0.8	SFI
Stine	08EJ32	E3	M	0.8	SFI
Stine	10EH02	E3	M	1.0	SFI
Stine	13EH62	E3	M	1.3	SFI
Stine	15EH02	E3	M	1.5	SFI
Thunder	TE7415N	E3	PK	1.5	TFI
Thunder	TE7510N	E3	M	1.0	TFI
Thunder	TE7513N	E3	PK	1.3	TFI
Thunder	TX8215N	RXF	M	1.5	TFI
Thunder	TX8307N	RXF	M	0.7	TFI
Thunder	TX8313N	RXF	M	1.3	TFI
Thunder	TX8412N	RXF	M	1.2	TFI
Xitavo	XO 0806E	E3	M	0.8	PV,IL,OB,Rey
Xitavo	XO 1095E	E3	M	1.0	PV,IL,OB,Rey
Xitavo	XO 1116E	E3	M	1.1	PV,IL,OB,Rey
Xitavo	XO 1225E	E3	M	1.2	PV,IL,OB,Rey
Xitavo	XO 1446E	E3	M	1.4	PV,IL,OB,Rey
Xitavo	XO 1545E	E3	PK	1.5	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*

CMB-APX,SA	CruiserMaxx® APX with Saltro®
CMBV,SA	Cruisemaxx® Beans, Vibrance®, 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.)
Treated	Treated, unspecified

* Seed treatments may include unspecified plant health promoting components.