

Test by: NewVenture, LLC Ellendale, MN

2025 Soybeans Top 30 Harvest Report

Minnesota North Central [MNNC] WENDELL, MN
Chad Biss, Grant County, MN 56531

All-Season Test	Maturity Group 0.6 - 1.5 S2025MNNC01
Top 28 of 29	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Status, Roundup, Atrazine
SOIL DESCRIPTION:	Flom-Hamerly Complex silty clay loam, poorly drained, non- irrigated
SOIL CONDITION:	7.91 pH, 6.02% OM, 87.89 CEC, high P, low K, high S, high B, high Zn
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Liberty, Roundup, Clethodim
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 28 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 8 129.9 /A
PEST & DISEASE RISK:	SCN, Fusarium, Charcoal Rot*

TEST COMMENTS:

Chad said he recorded 20 inches of rainfall during the growing season, which is 5 inches above average, and the soil profile remained moist until the warm, dry weather two weeks before harvest. He also mentioned that the lower ground in his fields showed signs of water stress and had lower yields, while the higher ground performed better. This plot had uniform final stands with no weed pressure. Chad applied insecticide for aphids in August. We want to thank Chad for hosting us again this year.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Thunder	TE7513N ↗	E3	1.3	PK	52.0	9.3	0	129.7	499	1
Dairyland	DSR-1383E ↗	E3	1.3	PK	51.9	11.7	0	128.7	498	2
Xitavo	XO 1545E ↗	E3	1.5	PK	50.4	9.1	0	127.7	484	3
Jacobsen	J1464E3 ↗	E3	1.4	PK	49.2	12.6	0	130.3	472	4
Thunder	TX8215N ↗	RXF	1.5	M	49.2	10.9	0	132.0	472	5
Thunder	TX8313N ↗	RXF	1.3	M	48.9	9.4	0	133.0	469	6
Dak-Sota	DE5215 ↗	E3	1.5	M	48.8	10.9	0	131.3	468	7
Dak-Sota	DE5514 ↗	E3	1.4	PK	47.4	9.1	0	129.3	455	8
Apex	AE1520 ↗	E3	1.5	M	46.9	9.8	0	132.7	450	9
Stine	13EH62 ↗	E3	1.3	M	46.4	9.0	0	132.3	445	10
Thunder	TE7415N ↗	E3	1.5	PK	45.9	9.4	0	127.7	441	11
Xitavo	XO 1446E ↗	E3	1.4	M	45.8	9.7	0	132.0	440	12
Thunder	TX8412N ↗	RXF	1.2	M	44.5	10.5	0	130.3	427	13
Stine	08EJ32 ↗	E3	0.8	M	43.4	11.1	0	131.0	417	14
Stine	10EH02 ↗	E3	1.0	M	42.8	8.4	0	130.0	411	15
Xitavo	XO 1225E ↗	E3	1.2	M	42.7	9.8	0	119.7	410	16
Stine	15EH02 ↗	E3	1.5	M	42.3	9.6	0	129.7	406	17
Thunder	TX8307N ↗	RXF	0.7	M	41.9	8.5	0	128.7	402	18
Apex	AE1350 ↗	E3	1.3	M	40.2	10.3	0	133.0	386	19
Dairyland	DSR-1099E ↗	E3	1.0	M	40.1	9.5	0	129.3	385	20
Apex	AE1050 ↗	E3	1.0	M	38.9	8.8	0	132.3	373	21
Xitavo	XO 1116E ↗	E3	1.1	M	38.8	10.2	0	128.7	372	22
Pioneer	P13Z28E GC ↗	E3	1.3	S	38.3	8.9	0	127.3	368	23
Xitavo	XO 0806E ↗	E3	0.8	M	37.1	8.6	0	130.7	356	24
Thunder	TE7510N ↗	E3	1.0	M	36.8	9.5	0	132.0	353	25
Stine	08EG62 ↗	E3	0.8	M	36.5	8.8	0	129.3	350	26
Xitavo	XO 1095E ↗	E3	1.0	M	36.5	9.2	0	130.3	350	27
Dairyland	DSR-0678E ↗	E3	0.6	M	31.3	9.4	0	128.7	300	28

Averages = **43.4** **9.7** **129.9** **416**

LSD (0.10) = 6.5 ns ns

LSD (0.25) = 3.4 ns ns

C.V. = 14.2

Historic yield: 42.73 bu/a, 7 yr(s)

Ed Dahle

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Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$9.60

Report Date: 10/09/2025

Additional reports available at www.firstseedtests.com

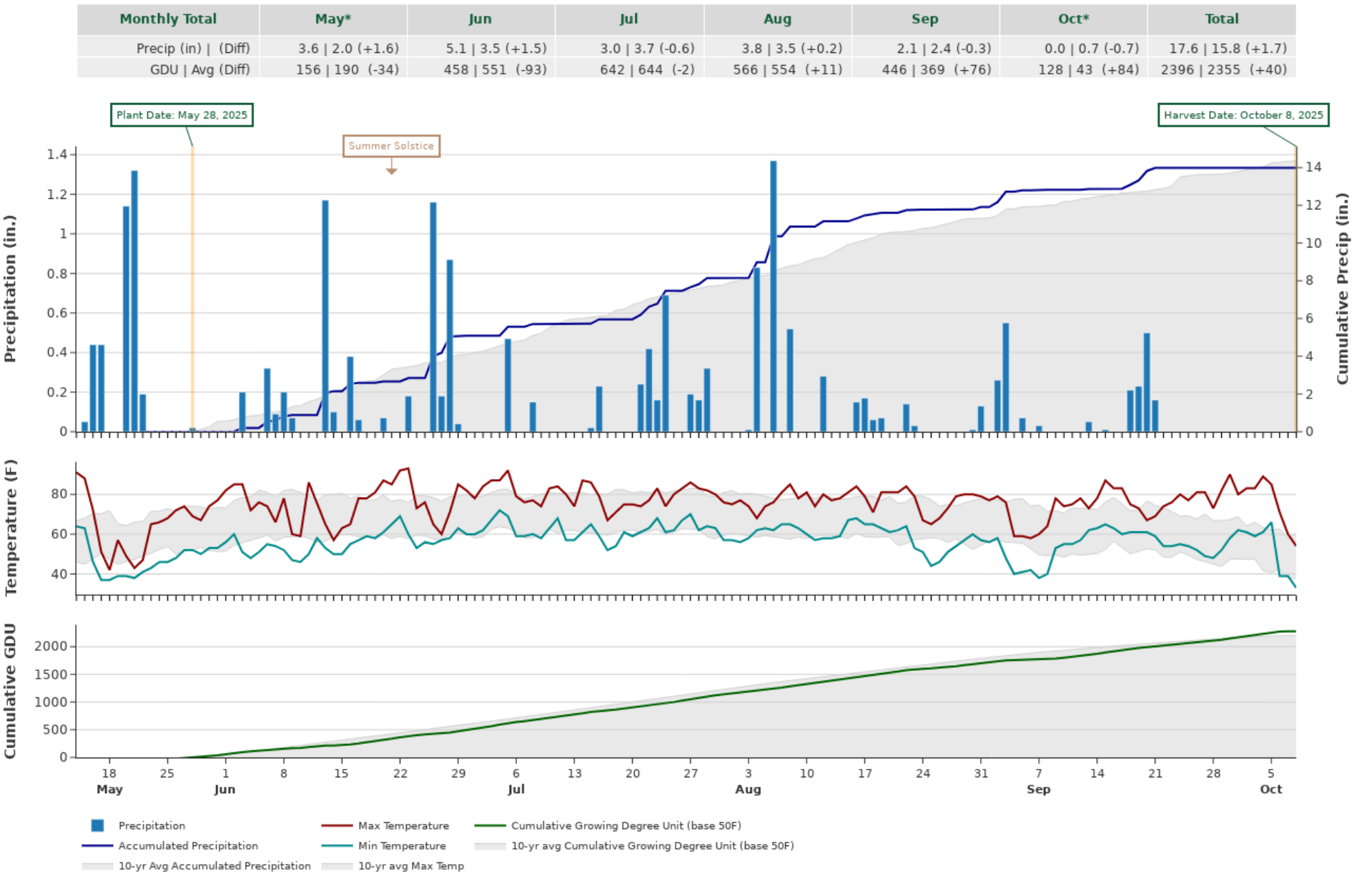
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly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

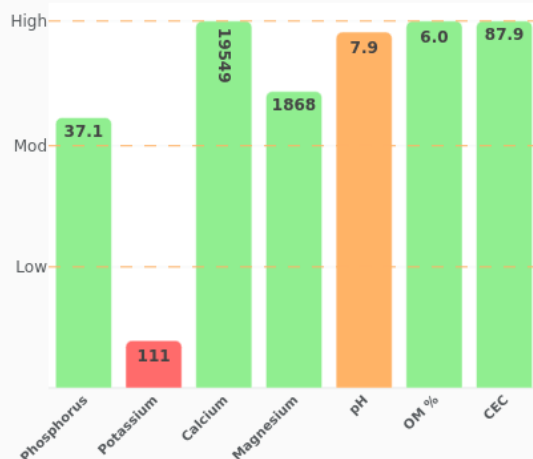
Weather Data Retrieved: 10/09/2025



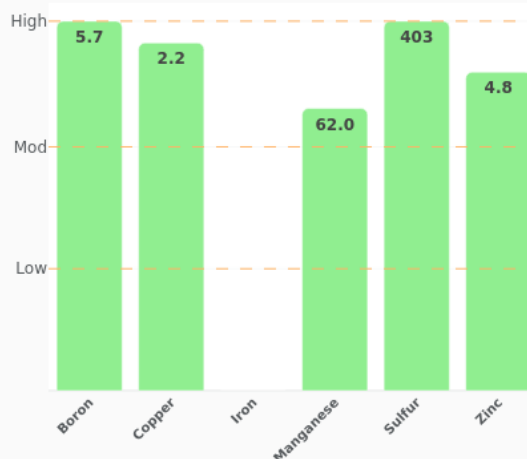
* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

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.

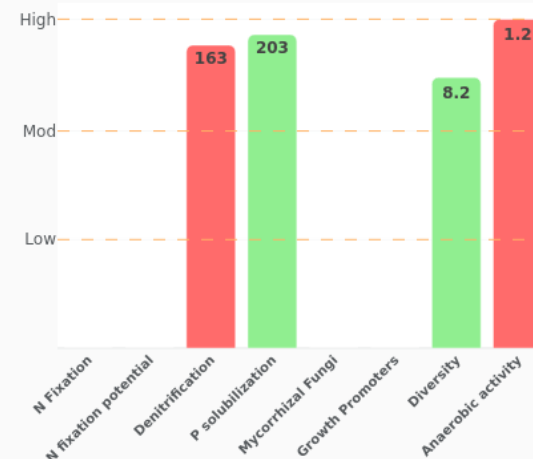
Macronutrients



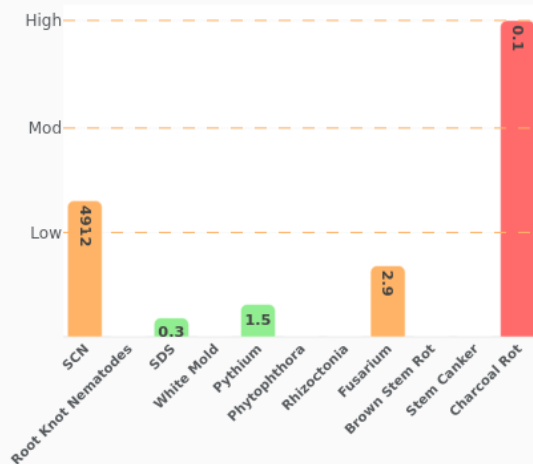
Micronutrients



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 (29 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.