

Test by: NewVenture, LLC Ellendale, MN

2025 Soybeans Top 30 Harvest Report

Minnesota Central [MNCE] CLINTON, MN

Doug Nelson, Big Stone County, MN 56225

All-Season Test	Maturity Group 1.3 - 2.0 S2025MNCE02
Top 29 of 29	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Callisto, Roundup
SOIL DESCRIPTION:	Aazdahl-Formdale-Balaton clay loam, mod. well drained, non- irrigated
SOIL CONDITION:	7.44 pH, 6.65% OM, 28.27 CEC, high P, high K, low S, high B, high Zn
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Sonic, Liberty, Roundup
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 5 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 11 125.8 /A
PEST & DISEASE RISK:	Fusarium*

TEST COMMENTS:

This site experienced good planting conditions, which were then followed by way too much rain (over 10" above the historical rainfall average for this location). The soggy conditions definitely impacted yields across the board and made weed control a challenge. The host farm stated that their bean yields ranged from "mediocre to really bad" across the farm this season. Thank you to Doug and Nate for hosting.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Xitavo	XO 1986E ↗	E3	1.9	M	52.7	7.8	0	126.0	506	1
Dairyland	DSR-2067E ↗	E3	2.0	PK	52.2	7.7	0	126.0	501	2
Stine	18EJ02 GC ↗	E3	1.8	M	50.0	7.6	0	126.0	480	3
Apex	AE1960 ↗	E3	1.9	M	49.9	7.7	0	126.0	479	4
Xitavo	XO 2075E ↗	E3	2.0	PK	49.7	7.8	0	126.0	477	5
Dairyland	DSR-1881E ↗	E3	1.8	M	48.5	7.5	0	126.0	466	6
Apex	AE2050 ↗	E3	2.0	PK	48.2	7.9	0	126.0	463	7
Stine	19EE62 GC ↗	E3	1.9	NA	46.7	7.6	0	124.0	448	8
Dairyland	DSR-1601E ↗	E3	1.6	PK	46.2	7.7	0	126.0	444	9
Xitavo	XO 1545E ↗	E3	1.5	PK	45.8	7.9	0	126.0	440	10
Pioneer	P17Z39E GC ↗	E3	1.7	PK	45.8	8.0	0	126.0	440	11
Xitavo	XO 1776E ↗	E3	1.7	M	45.0	7.7	0	126.0	432	12
Dak-Sota	DE5514 ↗	E3	1.4	PK	44.9	8.0	0	126.0	431	13
Dairyland	DSR-1383E ↗	E3	1.3	PK	44.7	7.8	0	126.0	429	14
Thunder	TX8215N ↗	RXF	1.5	M	44.4	8.3	0	126.0	426	15
Thunder	TX8618N ↗	RXF	1.8	M	44.1	7.7	0	126.0	423	16
Apex	AE1650 ↗	E3	1.6	M	44.1	7.9	0	126.0	423	17
Anderson	A174E3 ↗	E3	1.7	M	43.7	7.8	0	126.0	420	18
Anderson	A154E3 ↗	E3	1.5	PK	43.2	8.2	0	126.0	415	19
Stine	13EH62 GC ↗	E3	1.3	M	42.7	7.5	0	126.0	410	20
Apex	AE1760 ↗	E3	1.7	M	42.7	7.9	0	126.0	410	21
Apex	AE1660 ↗	E3	1.6	PK	41.9	7.5	0	126.0	402	22
Thunder	TX8313N ↗	RXF	1.3	M	41.0	7.9	0	126.0	394	23
Dak-Sota	DE5215 ↗	E3	1.5	M	40.0	8.0	0	126.0	384	24
Apex	AE1350 ↗	E3	1.3	M	39.8	7.6	0	126.0	382	25
Thunder	TE7415N ↗	E3	1.5	PK	39.7	8.4	0	126.0	381	26
Jacobsen	J1942E3 ↗	E3	1.9	PK	39.3	8.1	0	124.0	377	27
Xitavo	XO 1446E ↗	E3	1.4	M	39.0	7.7	0	126.0	374	28
Dak-Sota	DE5617 ↗	E3	1.7	M	36.8	8.0	0	124.0	353	29

Averages = **44.6** **7.8** **125.8** **428**

LSD (0.10) = 4.3 0.3 ns

LSD (0.25) = 2.3 0.2 ns

Ed Dahle

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C.V. = 9.1 Historic yield: 53.02 bu/a, 15 yr(s)

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

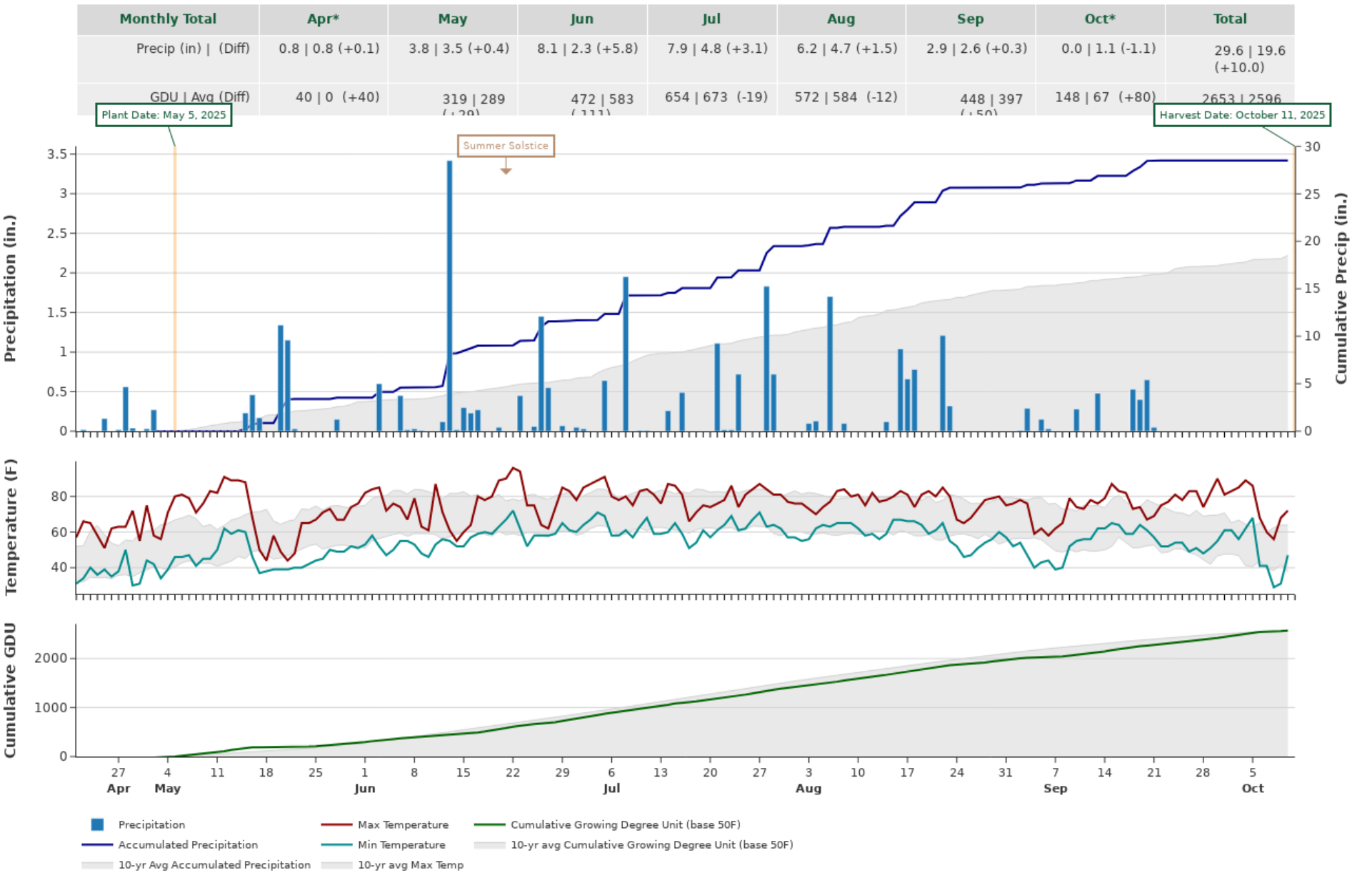
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly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

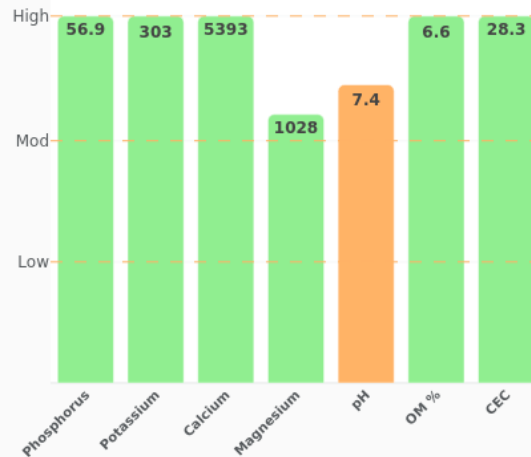
Weather Data Retrieved: 10/11/2025



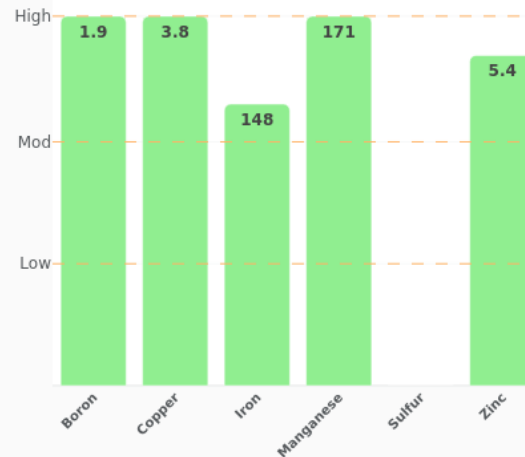
* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

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.

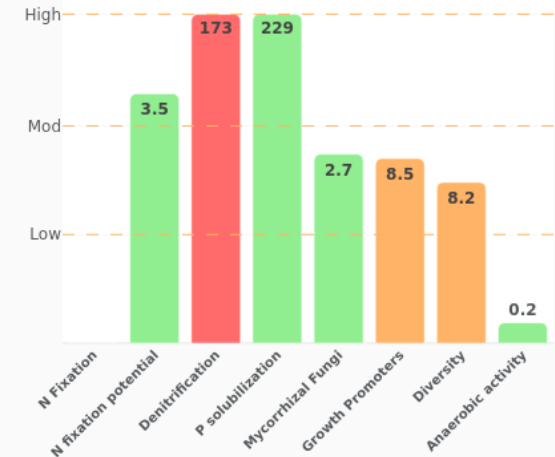
Macronutrients



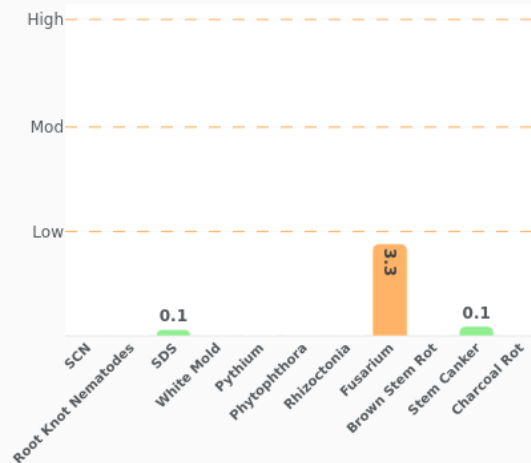
Micronutrients



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](#)

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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.