

Test by: Peterson Seed Testing LLC New Richland, MN

2025 Soybeans Top 30 Harvest Report

South Dakota East Central [SDEC] TRENT, SD

Dean Jaycox, Moody County, SD

All-Season Test	Maturity Group 1.6 - 2.3 S2025SDEC08
Top 29 of 29	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Surestart, Acuron, Roundup
SOIL DESCRIPTION:	Flandreau loam, well drained, non-irrigated
SOIL CONDITION:	5.47 pH, 4.6% OM, 23.18 CEC, medium P, low K, low S, high B, low Zn
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Broadaxe, Roundup, Liberty, Volunteer, Azoxyp, Bifenthrin
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 13 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 3 118.9 /A
PEST & DISEASE RISK:	No elevated risks*

TEST COMMENTS:

This plot was planted on May 13th in ideal soil conditions. The emergence was excellent when viewing the plot in mid-June. Rainfall was well-timed throughout the growing season. This plot was sprayed for aphids, and also had a fungicide application. No disease pressure was noted at harvest. The plants looked healthy, and minimal lodging reflected that. Overall, this was a very nice plot.

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	67.0	10.1	1	119.0	620	1
Genesis	G2150E ↗	E3	2.1	M	65.9	10.5	1	119.3	610	2
Golden Harvest	GH 1534E3S GC ↗	E3	1.5	PK	64.8	10.0	1	118.7	599	3
Golden Harvest	GH2292E3 GC ↗	E3	2.2	M	64.8	10.1	1	118.7	599	4
Dairyland	DSR-2067E ↗	E3	2.0	PK	64.1	10.2	2	119.3	593	5
Thunder	TX8618N ↗	RXF	1.8	M	63.2	10.1	1	117.7	585	6
Fortus	2165E ↗	E3	2.1	M	63.2	10.5	1	117.3	585	7
Thunder	TE7415N ↗	E3	1.5	PK	62.6	10.3	1	116.7	579	8
Dairyland	DSR-1881E ↗	E3	1.8	M	62.6	10.4	1	120.0	579	9
Jacobsen	J1464E3 GC ↗	E3	1.4	PK	61.5	10.0	1	119.3	569	10
Dak-Sota	DE5215 ↗	E3	1.5	M	61.3	10.5	1	119.0	567	11
Genesis	G1760E ↗	E3	1.7	M	61.2	10.4	1	119.0	566	12
Apex	AE2360 ↗	E3	2.3	M	60.3	10.5	1	119.7	558	13
FS HISOY	HS 22F40 GC ↗	RXF	2.2	M	59.7	10.3	1	119.0	552	14
Dak-Sota	DE5617 ↗	E3	1.7	M	58.7	10.1	1	119.7	543	15
Genesis	G2090E ↗	E3	2.0	PK	58.6	10.3	2	118.0	542	16
Fortus	2096E ↗	E3	2.0	PK	57.6	10.3	1	119.3	533	17
Pioneer	P19Z52E GC ↗	E3	1.9	PK	56.9	10.2	1	118.0	526	18
Genesis	G2300E ↗	E3	2.3	M	56.8	10.8	1	119.0	525	19
Xitavo	XO 1776E ↗	E3	1.7	M	56.7	10.2	1	118.7	524	20
Fortus	1895E ↗	E3	1.8	PK	56.5	10.2	1	120.3	523	21
Xitavo	XO 2366E ↗	E3	2.3	M	56.4	10.8	1	119.3	522	22
Genesis	G1690E ↗	E3	1.6	M	55.1	10.1	1	119.3	510	23
Stine	22EG02 GC ↗	E3	2.2	M	54.7	10.4	1	118.7	506	24
Genesis	G1980E ↗	E3	1.9	PK	54.7	10.5	1	118.7	506	25
Xitavo	XO 2075E ↗	E3	2.0	PK	53.7	10.1	1	118.3	497	26
Xitavo	XO 2206E ↗	E3	2.2	M	52.3	10.4	1	119.0	484	27
Anderson	A203E3 GC ↗	E3	2.0	M	50.6	10.9	1	118.3	468	28
Anderson	A184E3 GC ↗	E3	1.8	PK	46.7	10.7	2	119.3	432	29

Payden Peterson

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Averages = **58.9** **10.3** **1** **118.9** **545**

LSD (0.10) = 3.4 ns ns

LSD (0.25) = 1.8 ns ns

C.V. = 5.5

Historic yield: 54.32 bu/a, 3 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.02 Prices: GMO = \$9.25

Report Date: 10/04/2025

Additional reports available at www.firstseedtests.com

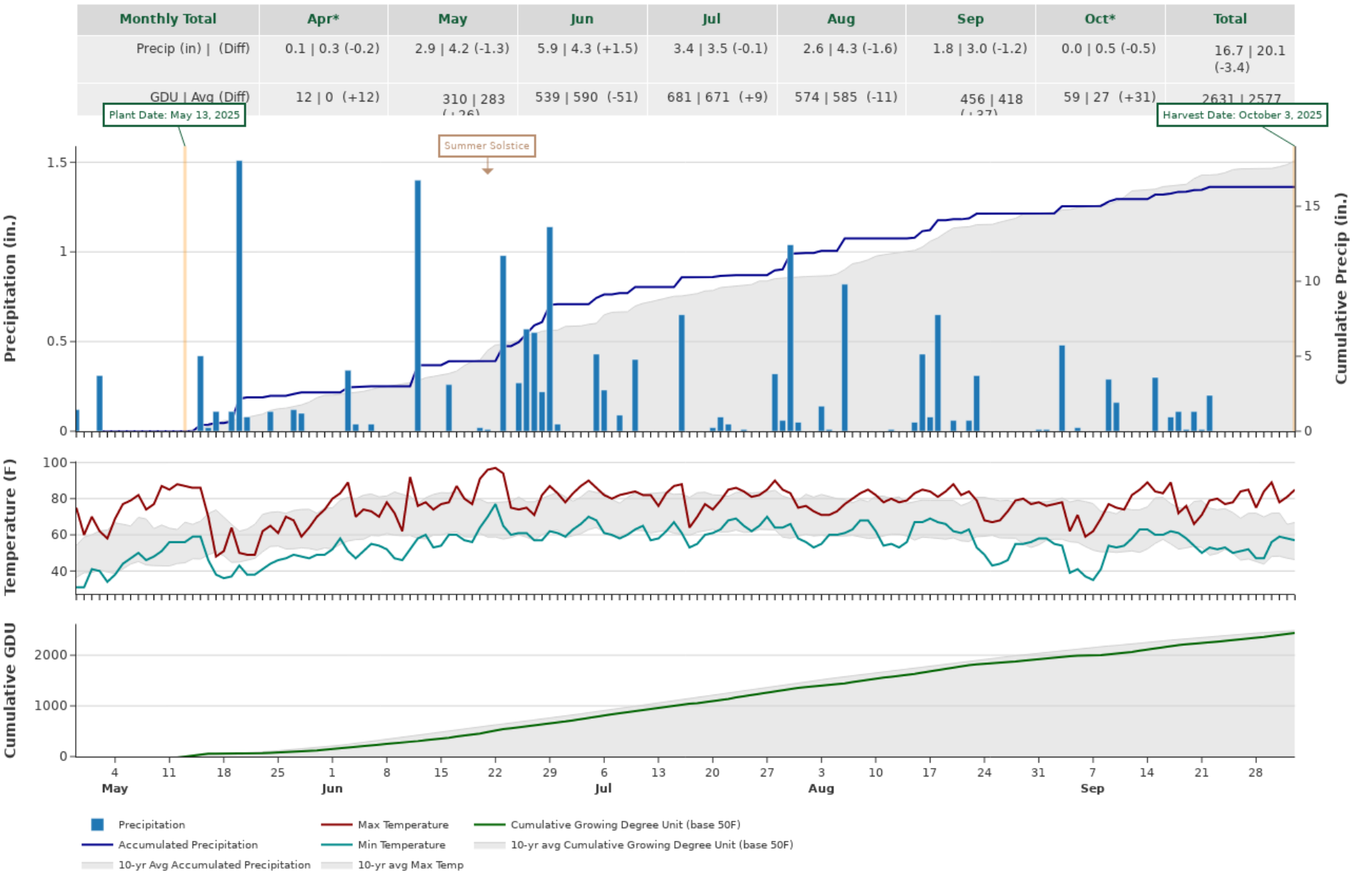
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly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

Weather Conditions Summary at TRENT, SD

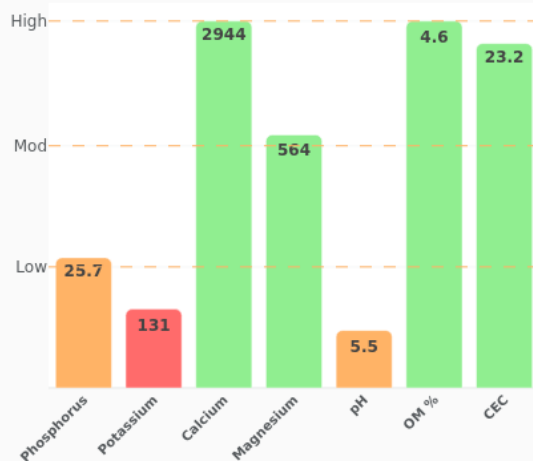
Weather Data Retrieved: 10/04/2025



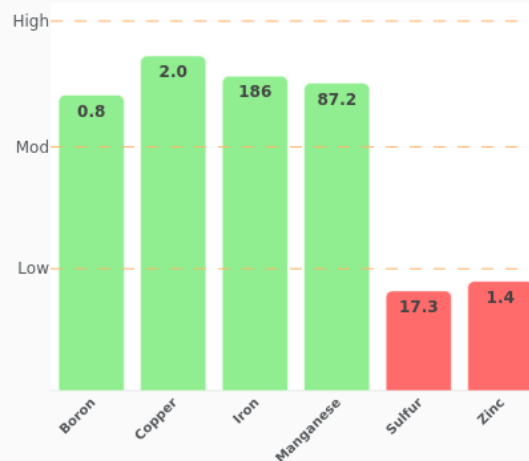
* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

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.

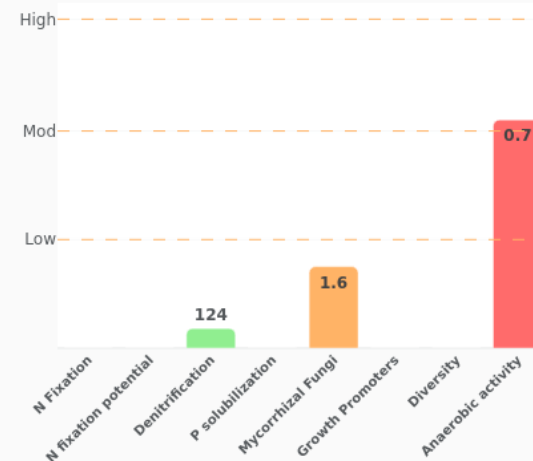
Macronutrients



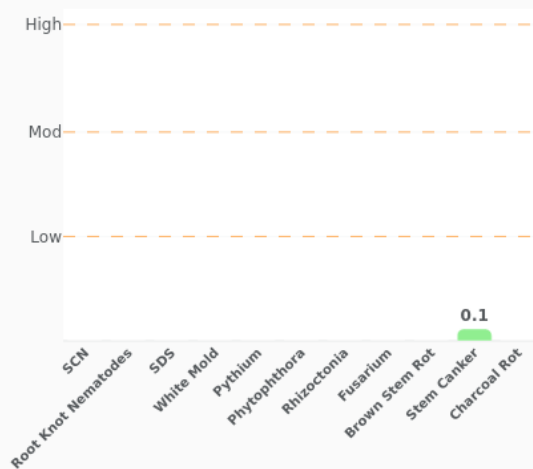
Micronutrients



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 - South Dakota East Central [SDEC]

All-Season Test Products (29 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Anderson	A184E3	E3	PK	1.8	F,I
Anderson	A203E3	E3	M	2.0	F,I
Apex	AE2360	E3	M	2.3	CMB-APX,SA
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	DE5617	E3	M	1.7	TFI
Fortus	1895E	E3	PK	1.8	ACi,SU
Fortus	2096E	E3	PK	2.0	ACi,SU
Fortus	2165E	E3	M	2.1	ACi,SU
FS HiSOY	HS 22F40	RXF	M	2.2	ACi,SA
Genesis	G1690E	E3	M	1.6	EcTC
Genesis	G1760E	E3	M	1.7	EcTC
Genesis	G1980E	E3	PK	1.9	EcTC
Genesis	G2090E	E3	PK	2.0	EcTC,SA
Genesis	G2150E	E3	M	2.1	EcTC,SA
Genesis	G2300E	E3	M	2.3	EcTC,SA
Golden Harvest	GH 1534E3S	E3	PK	1.5	F,I
Golden Harvest	GH2292E3	E3	M	2.2	F,I
Jacobsen	J1464E3	E3	PK	1.4	F,I
Pioneer	P19Z52E	E3	PK	1.9	Lum, LumT, IL
Stine	22EG02	E3	M	2.2	PV,IL,OB,Rey
Thunder	TE7415N	E3	PK	1.5	TFI
Thunder	TX8618N	RXF	M	1.8	TFI
Xitavo	XO 1776E	E3	M	1.7	PV,IL,OB,Rey
Xitavo	XO 2075E	E3	PK	2.0	PV,IL,OB,Rey
Xitavo	XO 2206E	E3	M	2.2	PV,IL,OB,Rey
Xitavo	XO 2366E	E3	M	2.3	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.
§	United Soybean Board sponsored entry

Soybean Cyst Nematode (SCN) Resistance Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

Soybeans Technologies

E3	Enlist E3®
RXF	XtendFlex®

Soybeans Seed Treatments*

NA	Not Available
ACi,SA	Acceleron® Standard Insecticide-Fungicide, Saltro®
ACi,SU	Acceleron® Standard Insecticide-Fungicide, StepUp
CMB-APX,SA	CruiserMaxx® APX with Saltro®
EcTC	Eclipse US Total Coverage Trio IM, N-Force
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro®
F,I	Fungicide, Insecticide
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
TFI	ThunderStruck F&I (Thunder Seed Inc.)

* Seed treatments may include unspecified plant health promoting components.