

Test by: Peterson Seed Testing LLC New Richland, MN

2025 Soybeans Top 30 Harvest Report

South Dakota Southeast [SDSE] JEFFERSON, SD
Austin Chicoine, Union County, SD

All-Season Test	Maturity Group 2.1 - 2.8 S2025SDSE04
Top 21 of 21	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Surestart, Laudis, Stinger
SOIL DESCRIPTION:	Haynie-Onawa silty clay, moderately drained, non- irrigated
SOIL CONDITION:	6.55 pH, 4.28% OM, 8.8 CEC, high P, low K, low S, high B, high Zn
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Sonic, Roundup, Liberty
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 12 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 10 116.2 /A
PEST & DISEASE RISK:	SDS, Phytophthora, Stem Canker, Anthracnose of Soybean*

TEST COMMENTS:

This no-till site was planted on May 12th into a fairly moist seedbed. The stand had evened out and looked quite good around the middle of June. Rainfall for this location was well above average throughout the growing season. At harvest, the plants stood well and were above average in height. No disease pressures were noted at harvest.

Report Date: 10/11/2025

Additional reports available at www.firstseedtests.com

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Titan Pro	TP 28E25 ↗	E3	2.8	M	71.5	11.0	1	116.0	661	1
Pioneer	P19Z52E GC ↗	E3	1.9	PK	71.2	10.2	1	114.0	659	2
Apex	AE2360 ↗	E3	2.3	M	71.1	10.5	1	116.7	658	3
Xitavo	XO 2366E ↗	E3	2.3	M	71.0	10.7	1	116.0	657	4
Xitavo	XO 2865E ↗	E3	2.8	M	70.7	11.0	2	116.0	654	5
Dairyland	DSR-2851E ↗	E3	2.8	M	70.6	10.9	1	117.7	653	6
Genesis	G2480E ↗	E3	2.4	M	70.2	10.6	1	115.7	649	7
Xitavo	XO 2556E ↗	E3	2.5	PK	70.1	10.9	1	116.3	648	8
Fortus	2775ES ↗	E3,ST	2.7	PK	69.5	11.0	1	117.3	643	9
Xitavo	XO 2832E ↗	E3	2.8	M	69.3	11.0	1	117.3	641	10
Apex	AE2560 ↗	E3	2.5	PK	69.2	10.8	1	116.0	640	11
Dairyland	DSR-2067E GC ↗	E3	2.0	PK	68.6	10.5	1	117.3	635	12
Renk	RS266E ↗	E3	2.6	M	68.6	10.9	2	117.3	635	13
Dairyland	DSR-2525E ↗	E3	2.5	PK	68.6	10.7	1	114.7	635	14
Genesis	G2790E ↗	E3	2.7	PK	68.3	10.9	2	115.7	632	15
FS HiSOY	HS 22F40 GC ↗	RXF	2.2	M	68.0	10.6	1	115.7	629	16
Genesis	G2300E ↗	E3	2.3	M	68.0	10.7	2	116.0	629	17
Fortus	2165E ↗	E3	2.1	M	67.1	10.4	1	114.7	621	18
Xitavo	XO 2206E ↗	E3	2.2	M	66.3	10.5	1	115.3	613	19
Fortus	2445E ↗	E3	2.4	M	66.2	10.7	1	117.0	612	20
Genesis	G2150E ↗	E3	2.1	M	63.7	10.6	1	117.0	589	21

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Yield & Income Factors:

Base Moisture = 13.0%

Averages = **68.9** **10.7** **1** **116.2** **638**

LSD (0.10) = 1.8 0.2 ns

LSD (0.25) = 1.0 0.1 ns

C.V. = 2.5

Historic yield: 56.14 bu/a, 2 yr(s)

Shrink = 1.0

Drying = \$0.02

Prices: GMO = \$9.25

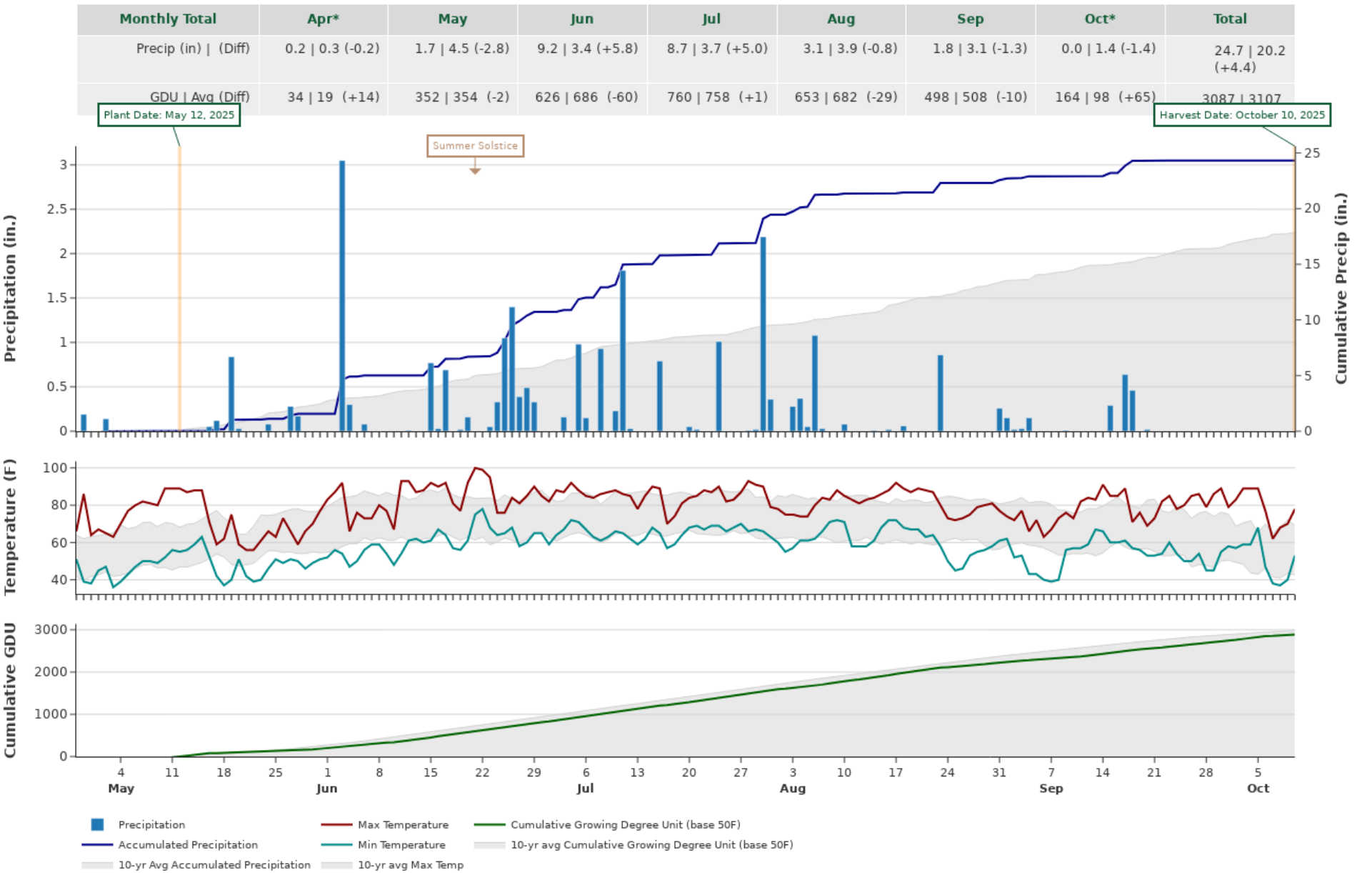
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly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

Weather Conditions Summary at JEFFERSON, SD

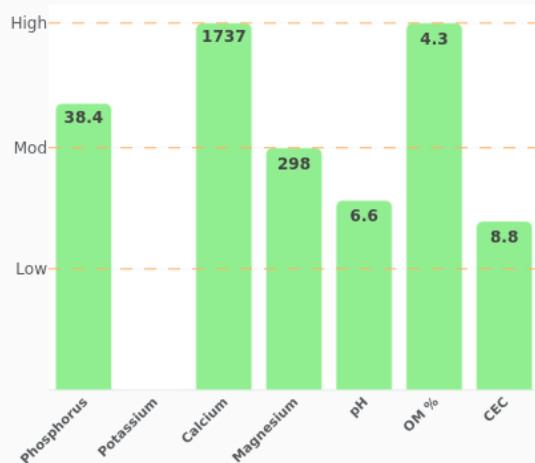
Weather Data Retrieved: 10/11/2025



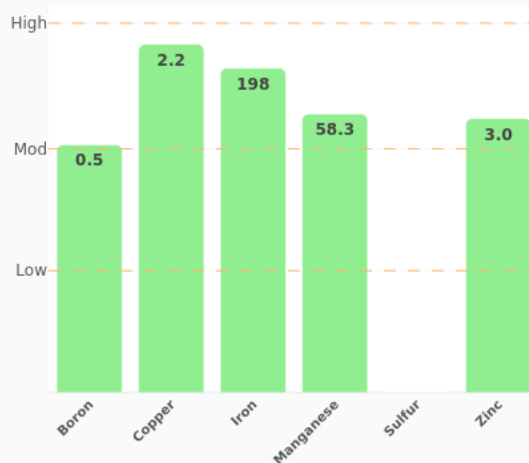
* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

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.

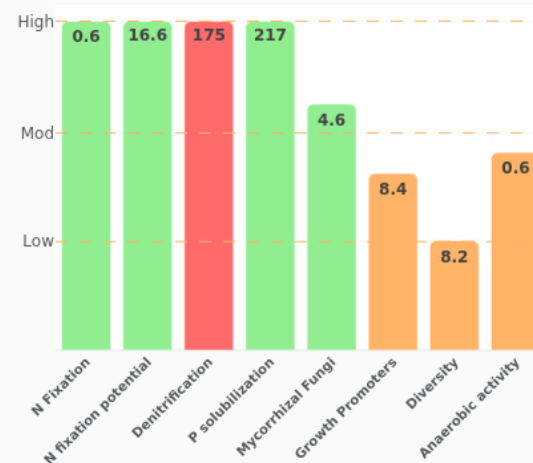
Macronutrients



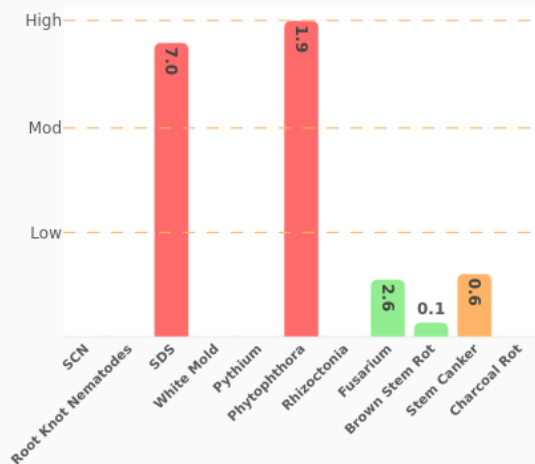
Micronutrients



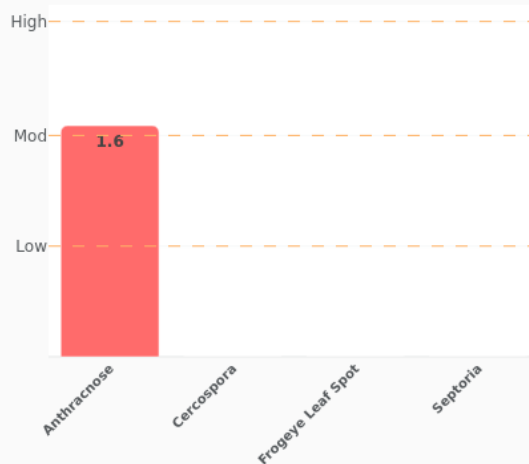
Biofertility Analytics



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 - South Dakota Southeast [SDSE]

All-Season Test Products (21 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2360	E3	M	2.3	CMB-APX,SA
Apex	AE2560	E3	PK	2.5	CMB-APX,SA
Dairyland	DSR-2067E	E3	PK	2.0	Lum, LumT, IL
Dairyland	DSR-2525E	E3	PK	2.5	Lum, LumT, IL
Dairyland	DSR-2851E	E3	M	2.8	Lum, LumT, IL
Fortus	2165E	E3	M	2.1	ACi,SU
Fortus	2445E	E3	M	2.4	ACi,SU
Fortus	2775ES	E3,ST	PK	2.7	ACi,SU
FS HiSOY	HS 22F40	RXF	M	2.2	ACi,SA
Genesis	G2150E	E3	M	2.1	EcTC,SA
Genesis	G2300E	E3	M	2.3	EcTC,SA
Genesis	G2480E	E3	M	2.4	EcTC,SA
Genesis	G2790E	E3	PK	2.7	EcTC,SA
Pioneer	P19Z52E	E3	PK	1.9	Treated
Renk	RS266E	E3	M	2.6	F,I,B,NE
Titan Pro	TP 28E25	E3	M	2.8	CMB-APX,SA
Xitavo	XO 2206E	E3	M	2.2	PV,IL,OB,Rey
Xitavo	XO 2366E	E3	M	2.3	PV,IL,OB,Rey
Xitavo	XO 2556E	E3	PK	2.5	PV,IL,OB,Rey
Xitavo	XO 2832E	E3	M	2.8	PV,IL,OB,Rey
Xitavo	XO 2865E	E3	M	2.8	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®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

ACi,SA	Acceleron® Standard Insecticide-Fungicide, Saltro®
ACi,SU	Acceleron® Standard Insecticide-Fungicide, StepUp
CMB-APX,SA	CruiserMaxx® APX with Saltro®
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro®
F,I,B,NE	Fungicide, Insecticide, Biological, Nematicide
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
SA,A,R,TU	Saltro, AllegianceFL, Redigo480, TriUp
Treated	Treated, unspecified

* Seed treatments may include unspecified plant health promoting components.