

Test by: Peterson Seed Testing LLC New Richland, MN

2025 Soybeans Top 30 Harvest Report

South Dakota Southeast [SDSE] TRENT, SD

Dean Jaycox, Moody County, SD

All-Season Test	Maturity Group 2.1 - 2.8 S2025SDSE02
Top 21 of 21	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:	5.16 pH, 4.56% OM, 24.13 CEC, high P, high K, mod. S, high B, high 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 3 119.0 /A
PEST & DISEASE RISK:	Septoria Brown Spot*

TEST COMMENTS:

This site was planted on May 13th in ideal soil conditions. Emergence looked great by mid-June. Rainfall was near or slightly above the 10-year average for the growing season. Weed control was excellent the entire summer. The plot received a fungicide and insecticide treatment in August, and the plants looked healthy with outstanding standability at harvest. A very nice-looking plot overall.

Report Date: 10/04/2025

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
Renk	RS266E ↗	E3	2.6	M	66.6	11.2	1	117.7	616	1
Genesis	G2150E ↗	E3	2.1	M	66.1	10.6	1	120.0	611	2
Fortus	2165E ↗	E3	2.1	M	65.6	11.5	1	119.3	607	3
Pioneer	P19Z52E GC ↗	E3	1.9	PK	64.8	11.1	1	119.0	599	4
Dairyland	DSR-2067E GC ↗	E3	2.0	PK	62.8	10.6	1	121.0	581	5
Dairyland	DSR-2851E ↗	E3	2.8	M	62.4	11.5	1	120.3	577	6
Genesis	G2300E ↗	E3	2.3	M	62.2	11.2	1	119.3	575	7
Dairyland	DSR-2525E ↗	E3	2.5	PK	61.1	11.2	1	118.7	565	8
Fortus	2445E ↗	E3	2.4	M	60.2	10.8	2	118.5	557	9
Apex	AE2560 ↗	E3	2.5	PK	59.9	11.2	2	118.3	554	10
Apex	AE2360 ↗	E3	2.3	M	57.7	11.1	1	118.7	534	11
Genesis	G2480E ↗	E3	2.4	M	57.1	10.9	2	120.0	528	12
Fortus	2775ES ↗	E3,ST	2.7	PK	56.9	11.1	1	118.0	526	13
Titan Pro	TP 28E25 ↗	E3	2.8	M	56.7	11.6	2	119.0	524	14
FS HiSOY	HS 22F40 GC ↗	RXF	2.2	M	56.3	10.8	1	118.7	521	15
Xitavo	XO 2366E ↗	E3	2.3	M	55.8	10.9	1	117.7	516	16
Genesis	G2790E ↗	E3	2.7	PK	55.0	11.2	1	118.3	509	17
Xitavo	XO 2556E ↗	E3	2.5	PK	53.9	11.3	1	119.0	499	18
Xitavo	XO 2832E ↗	E3	2.8	M	52.9	11.6	2	118.7	489	19
Xitavo	XO 2206E ↗	E3	2.2	M	51.5	11.2	1	118.7	476	20
Xitavo	XO 2865E ↗	E3	2.8	M	50.1	11.5	1	120.3	463	21
					Averages = 58.8	11.2	1	119.0	544	
					LSD (0.10) = 3.4	0.3	ns			
					LSD (0.25) = 1.8	0.2	ns			
					C.V. = 5.5					

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Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.0

Drying = \$0.02

Prices: GMO = \$9.25

Averages = 58.8	11.2	1	119.0	544
LSD (0.10) = 3.4	0.3	ns		
LSD (0.25) = 1.8	0.2	ns		
C.V. = 5.5				
Historic yield: 54.32 bu/a, 3 yr(s)				

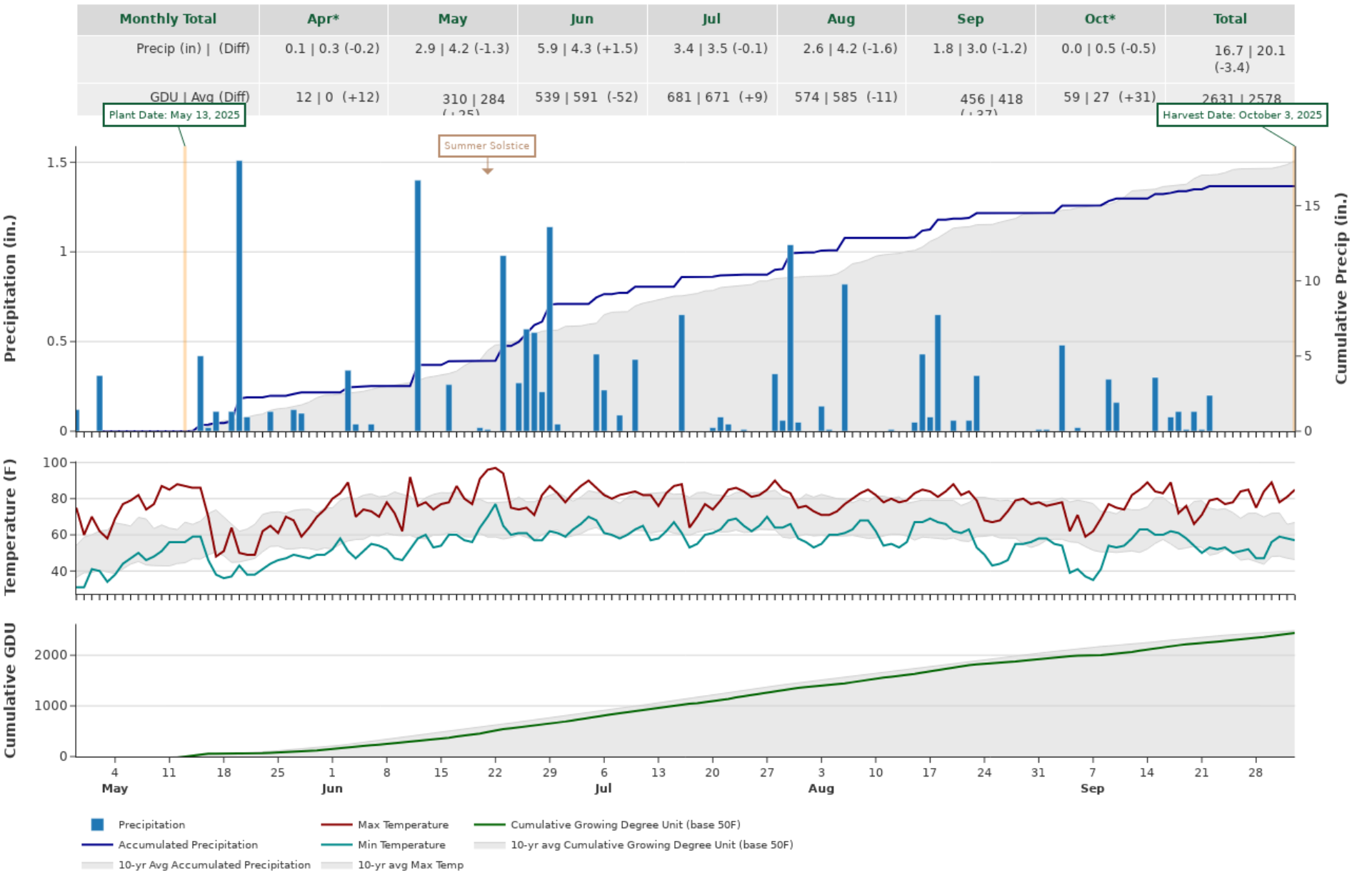
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly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

Weather Data Retrieved: 10/04/2025



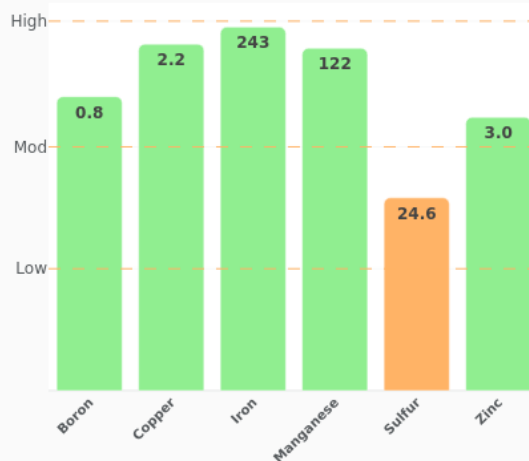
* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

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



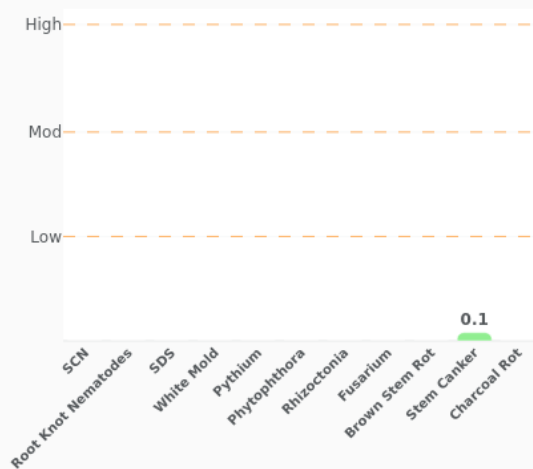
Micronutrients



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 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.
§	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®
ST	Sulfonylurea tolerant

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,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.