

Test by: Peterson Seed Testing LLC New Richland, MN

## 2025 Soybeans Top 30 Harvest Report

South Dakota Southeast [SDSE] COLTON, SD

Robert Snoozy, Minnehaha County, SD

<b>All-Season Test</b>	Maturity Group 2.1 - 2.8 S2025SDSE03
<b>Top 21 of 21</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Surestart, Laudis, Stinger
<b>SOIL DESCRIPTION:</b>	Trent silty clay loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	5.79 pH, 3.85% OM, 19.91 CEC, low P, medium K, low S, high B, high Zn
<b>TILLAGE/CULTIVATION:</b>	Conventional W/ Fall Till
<b>PEST MANAGEMENT:</b>	Sonic, Roundup, Liberty, Clethodim
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 14 140.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 4 117.7 /A
<b>PEST &amp; DISEASE RISK:</b>	Fusarium, Brown Stem Rot, Red Crown Rot*

### TEST COMMENTS:

*This site was planted on May 14th in ideal soil conditions, and produced an excellent stand of soybeans. A drier finish to the growing season led to smaller seed sizes and likely took some top-end yield. Due to higher yield variability from waterhemp weed pressure, this data was rejected.*

Report Date: 10/06/2025

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

Company/Brand	Product/Brand	Tested †	RR	ECN Roundup	Yield Bu/A	Moisture %	lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Genesee	02798E +	03	2.3	M	81.0	10.3	1	118.3	584	1
Danland	028A-2007E GC +	03	2.0	PM	88.7	10.4	1	118.0	543	2
Genesee	02798E +	03	2.7	PM	97.8	10.3	1	118.0	538	3
Forbas	2448E +	03	2.4	M	98.9	10.4	1	118.0	526	4
Reck	90298E +	03	2.6	M	95.1	10.6	1	118.1	510	5
Agria	9E229E +	03	2.3	M	97.0	10.3	1	118.7	508	6
Thom Pro	TP 2002E +	03	2.0	M	94.3	10.3	1	118.0	504	7
Danland	028A-2007E +	03	2.0	M	93.4	10.4	1	118.7	498	8
Alamo	9E229E +	03	2.3	M	91.0	10.3	1	117.7	491	9
Forbas	27798E +	03.03	2.4	PM	91.1	10.4	1	118.3	491	10
Danland	028A-2007E +	03	2.0	M	90.0	10.6	1	117.7	488	11
Pioneer	P18270E GC	03	1.9	PM	91.0	10.2	1	118.0	488	12
Alamo	9E229E +	03	2.3	M	92.7	10.3	1	118.0	487	13
Genesee	02798E +	03	2.7	PM	92.8	10.2	1	117.7	487	14
Forbas	2798E +	03	2.4	M	92.8	10.1	1	118.7	486	15
PG-HARCO	H8 2074E GC +	03.03	2.2	M	91.7	10.3	1	117.7	476	16
Alamo	9E229E +	03	2.3	M	91.1	10.2	1	118.3	473	17
Genesee	02798E +	03	2.7	PM	90.1	9.9	1	118.7	463	18
Alamo	9E229E +	03	2.3	PM	90.1	10.4	1	118.0	463	19
Alamo	9E229E +	03	2.3	M	89.8	10.4	1	117.3	461	20
Agria	9E229E +	03	2.3	PM	89.5	10.3	1	118.0	421	21

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**Yield & Income Factors:**

Base Moisture = 13.0%

Averages = **53.4** **10.4** **1** **117.7** **494**

LSD (0.10) = ns 0.2 ns

LSD (0.25) = ns 0.1 ns

C.V. = 11.7

Historic yield: 61.45 bu/a, 14 yr(s)

Shrink = 1.0

Drying = \$0.02

Prices: GMO = \$9.25

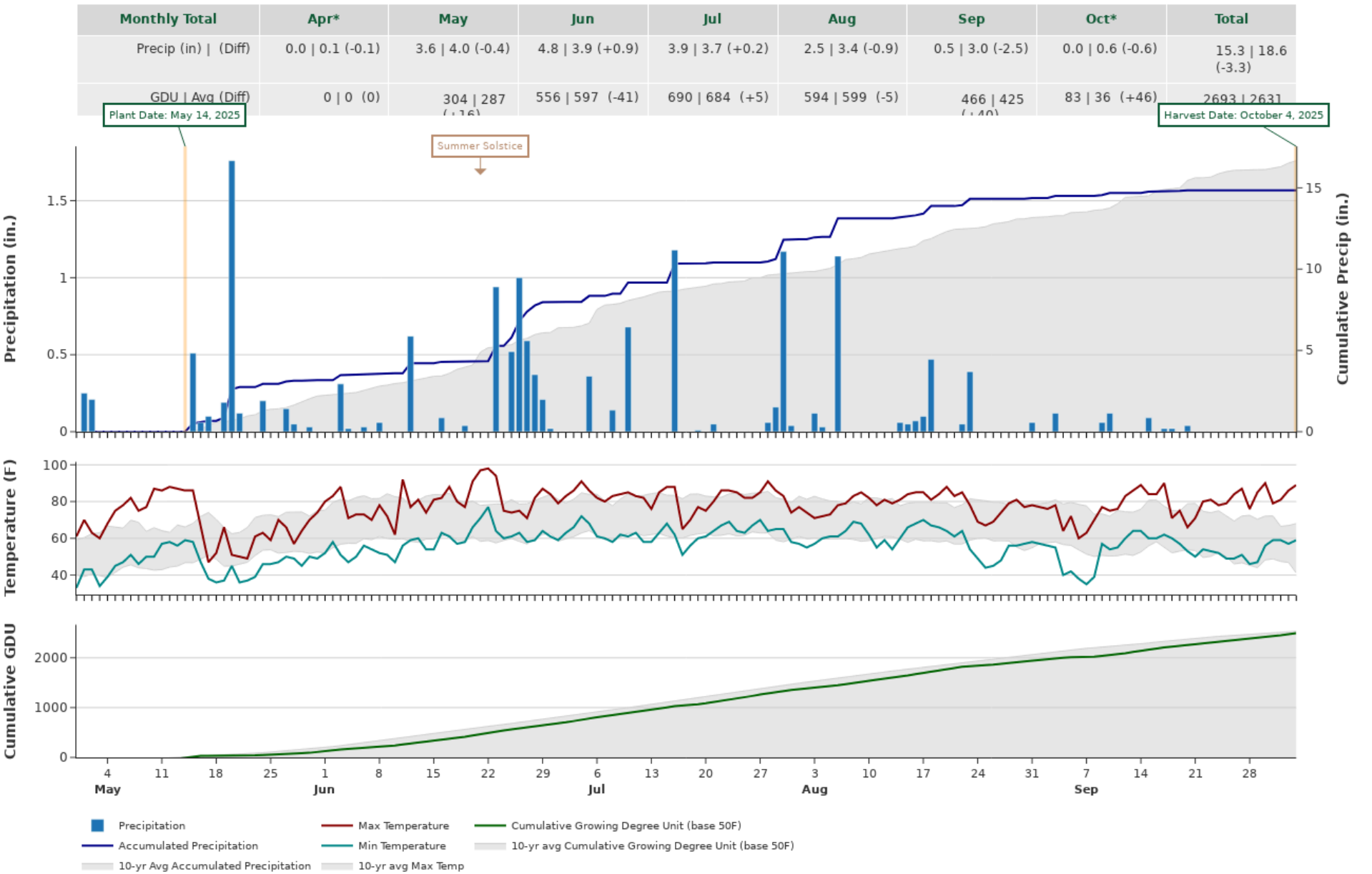
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. \*[Earthoptics](http://Earthoptics.com) used for soil conditions and soil-borne disease & pest risks. ↗ Links to full product yield results at [www.firstseedtests.com](http://www.firstseedtests.com).

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2025 Soybeans - South Dakota Southeast [ SDSE ]

Weather Conditions Summary at COLTON, SD

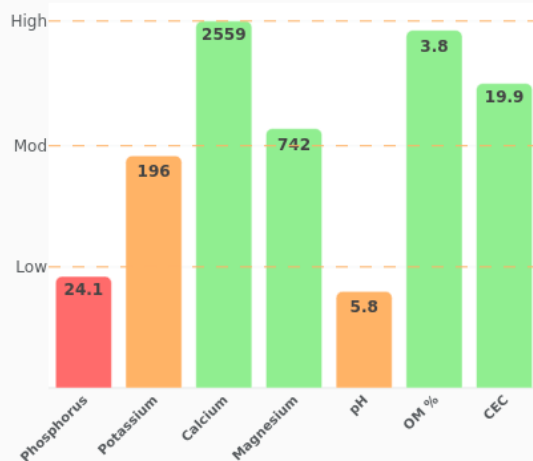
Weather Data Retrieved: 10/06/2025



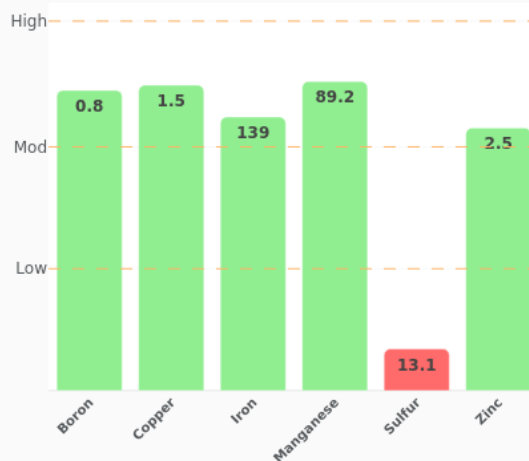
\* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

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.

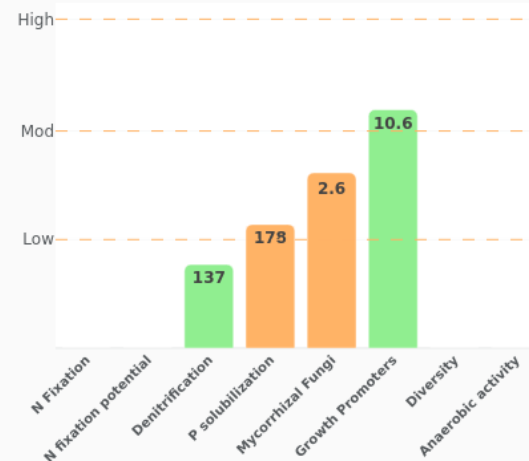
### Macronutrients



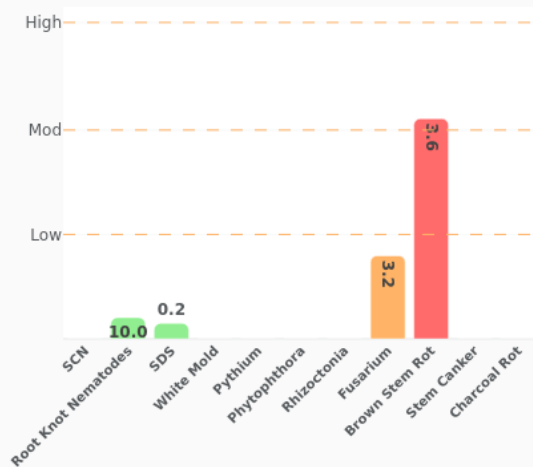
### Micronutrients



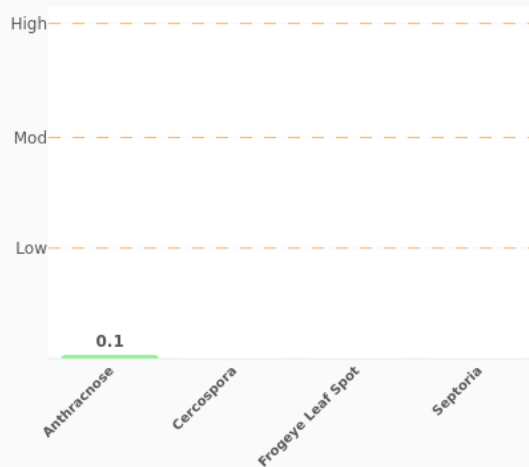
### Biofertility Analytics



### 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.