

Test by: Peterson Seed Testing LLC New Richland, MN

2025 Soybeans Top 30 Harvest Report

South Dakota Southeast [SDSE] SIOUX FALLS, SD
Kenny Aylward, Minnehaha County, SD

All-Season Test	Maturity Group 2.1 - 2.8 S2025SDSE01
Top 21 of 21	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Surestart, Impact, Atrazine, Stinger
SOIL DESCRIPTION:	Ethan-Egan loam, well drained, non-irrigated
SOIL CONDITION:	5.36 pH, 4.85% OM, 22.18 CEC, low P, low K, low S, high B, low Zn
TILLAGE/CULTIVATION:	Conventional W/O Fall Till
PEST MANAGEMENT:	Roundup, Liberty
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 18 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 9 118.0 /A
PEST & DISEASE RISK:	Fusarium*

TEST COMMENTS:

This site was planted on May 18th in ideal soil conditions and produced an excellent stand. Moisture was above normal for most of the summer. At first glance during harvest, the plants looked like 60-plus bushel beans, but a combination of "wet feet" throughout the summer and a drier finish led to abnormally small seed size and lower yield. There was some white mold presence noted at harvest.

Report Date: 10/10/2025

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
Pioneer	P19Z52E GC ↗	E3	1.9	PK	56.7	8.9	2	119.0	524	1
Fortus	2445E ↗	E3	2.4	M	53.9	9.2	2	118.0	499	2
Xitavo	XO 2556E ↗	E3	2.5	PK	52.1	9.4	1	118.7	482	3
Genesis	G2300E ↗	E3	2.3	M	51.8	9.2	2	118.0	479	4
Dairyland	DSR-2851E ↗	E3	2.8	M	51.4	9.4	2	118.0	475	5
Fortus	2165E ↗	E3	2.1	M	51.4	9.0	2	118.7	475	6
Dairyland	DSR-2067E GC ↗	E3	2.0	PK	50.0	9.1	2	117.7	462	7
Xitavo	XO 2832E ↗	E3	2.8	M	50.0	9.4	2	118.7	462	8
Dairyland	DSR-2525E ↗	E3	2.5	PK	49.9	9.2	1	116.0	462	9
Apex	AE2360 ↗	E3	2.3	M	49.2	9.2	2	118.7	455	10
Renk	RS266E ↗	E3	2.6	M	48.9	9.3	1	117.3	452	11
Genesis	G2790E ↗	E3	2.7	PK	48.9	9.4	2	117.7	452	12
Xitavo	XO 2206E ↗	E3	2.2	M	48.8	9.1	2	118.0	451	13
Genesis	G2150E ↗	E3	2.1	M	48.7	9.0	2	118.7	450	14
Apex	AE2560 ↗	E3	2.5	PK	48.4	9.3	2	117.7	448	15
Xitavo	XO 2366E ↗	E3	2.3	M	48.1	9.1	2	117.0	445	16
Xitavo	XO 2865E ↗	E3	2.8	M	48.0	9.4	2	119.0	444	17
Genesis	G2480E ↗	E3	2.4	M	47.6	9.2	2	116.7	440	18
FS HISOY	HS 22F40 GC ↗	RXF	2.2	M	47.6	9.1	2	118.0	440	19
Titan Pro	TP 28E25 ↗	E3	2.8	M	46.4	9.1	2	118.7	429	20
Fortus	2775ES ↗	E3,ST	2.7	PK	45.7	9.4	2	118.7	423	21

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Yield & Income Factors:

Base Moisture = 13.0%

Averages = **49.7** **9.2** **2** **118.0** **459**

LSD (0.10) = 2.4 0.2 ns

LSD (0.25) = 1.2 0.1 ns

C.V. = 4.5

Historic yield: new site

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.

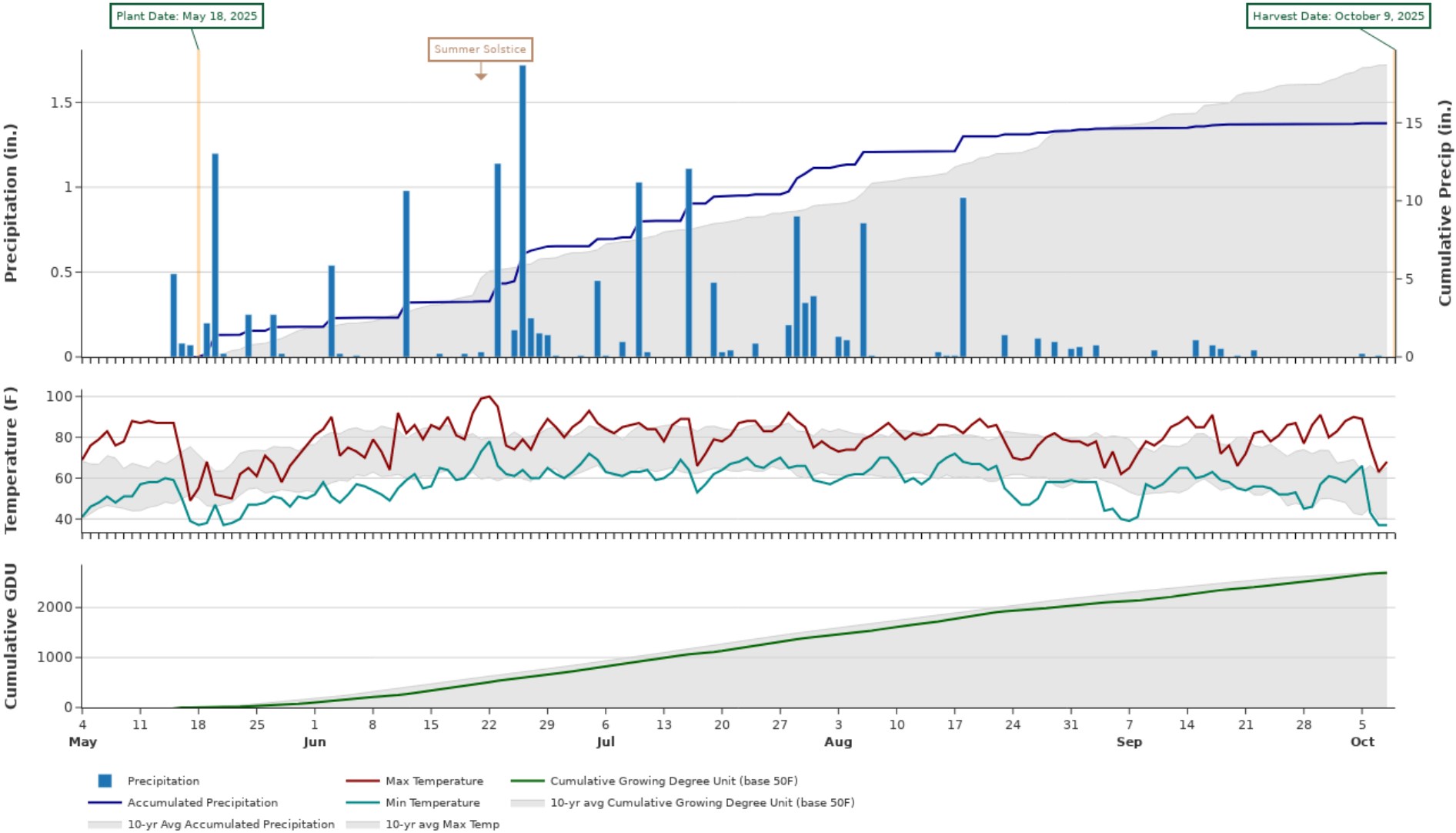
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2025 Soybeans - South Dakota Southeast [SDSE]

Weather Conditions Summary at SIOUX FALLS, SD

Weather Data Retrieved: 10/10/2025

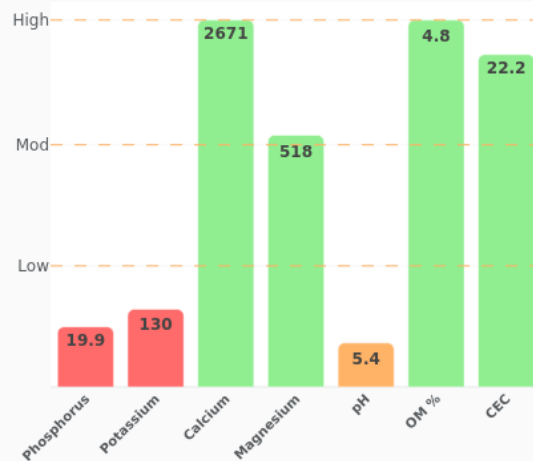
Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in.) (Diff)	2.6 3.5 (-0.9)	5.2 4.5 (+0.6)	5.0 3.3 (+1.7)	2.4 4.8 (-2.4)	0.4 3.0 (-2.5)	0.0 1.2 (-1.2)	15.6 20.4 (-4.8)
GDU Avg (Diff)	305 296 (+8)	594 642 (-48)	728 732 (-4)	634 649 (-15)	510 467 (+42)	142 67 (+74)	2913 2855 (+57)



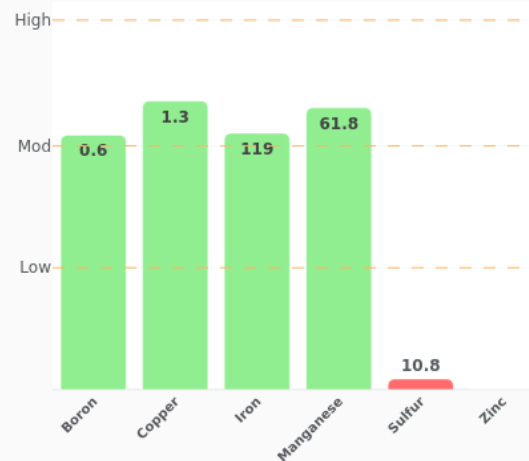
* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

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.

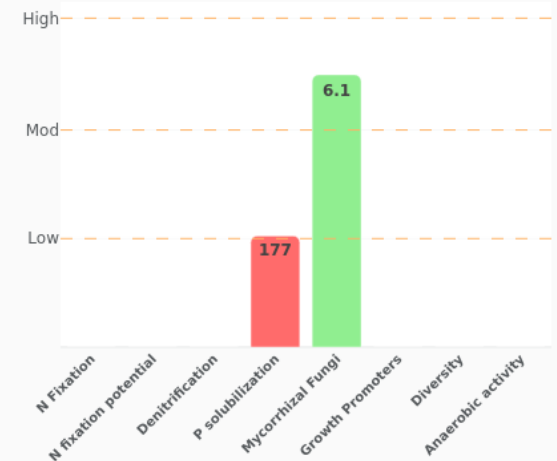
Macronutrients



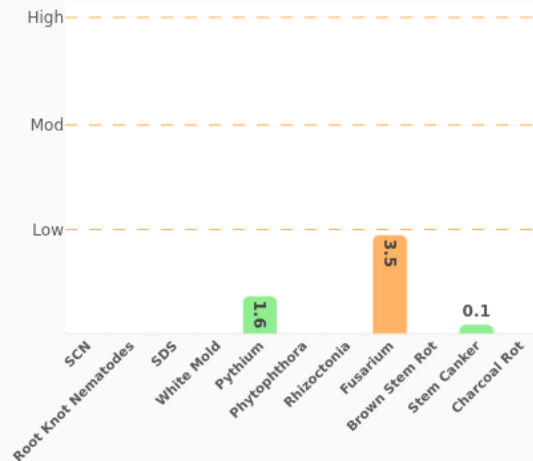
Micronutrients



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.