

Test by: Peterson Seed Testing LLC New Richland, MN

2025 Soybeans Top 30 Harvest Report

South Dakota East Central [SDEC] JEFFERSON, SD
Austin Chicoine, Union County, SD

All-Season Test	Maturity Group 1.6 - 2.3 S2025SDEC06
Top 29 of 29	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Surestart, Laudis
SOIL DESCRIPTION:	Haynie silt loam, well drained, non-irrigated
SOIL CONDITION:	6.48 pH, 6.72% OM, 16.77 CEC, high P, low K, low S, high B, high Zn
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Flexstar, Roundup, Liberty, Volunteer
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 12 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 10 116.0 /A
PEST & DISEASE RISK:	SDS, Phytophthora, Fusarium, Stem Canker, Frogeye Leaf Spot*

TEST COMMENTS:

This no-till site was planted 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.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Xitavo	XO 2366E ↗	E3	2.3	M	70.0	10.4	2	115.7	648	1
Stine	22EG02 GC ↗	E3	2.2	M	69.1	10.4	2	115.7	639	2
Genesis	G2300E ↗	E3	2.3	M	68.7	10.5	2	116.0	635	3
Dairyland	DSR-1601E ↗	E3	1.6	PK	68.3	9.9	2	116.0	632	4
Xitavo	XO 1776E ↗	E3	1.7	M	68.1	10.0	1	116.7	630	5
Dairyland	DSR-2067E ↗	E3	2.0	PK	67.8	10.2	1	116.3	627	6
Thunder	TX8618N ↗	RXF	1.8	M	67.8	10.2	1	115.0	627	7
Genesis	G1760E ↗	E3	1.7	M	67.5	10.0	1	115.7	624	8
FS HiSOY	HS 22F40 GC ↗	RXF	2.2	M	67.4	10.5	1	116.7	623	9
Golden Harvest	GH2292E3 GC ↗	E3	2.2	M	66.9	10.3	1	115.0	619	10
Dak-Sota	DE5617 ↗	E3	1.7	M	66.7	10.3	1	115.7	617	11
Xitavo	XO 2206E ↗	E3	2.2	M	66.2	10.5	1	117.0	612	12
Pioneer	P19Z52E GC ↗	E3	1.9	PK	66.1	10.0	1	115.7	611	13
Thunder	TE7415N ↗	E3	1.5	PK	65.8	10.0	1	116.0	609	14
Dairyland	DSR-1881E ↗	E3	1.8	M	65.0	10.2	1	117.0	601	15
Anderson	A203E3 GC ↗	E3	2.0	M	64.7	10.4	1	117.0	598	16
Golden Harvest	GH 1534E3S GC ↗	E3	1.5	PK	64.5	9.8	1	116.3	597	17
Jacobsen	J1464E3 GC ↗	E3	1.4	PK	64.5	9.8	1	114.7	597	18
Anderson	A184E3 GC ↗	E3	1.8	PK	64.1	10.2	1	117.0	593	19
Apex	AE2360 ↗	E3	2.3	M	63.5	10.3	1	117.3	587	20
Genesis	G1980E ↗	E3	1.9	PK	63.4	10.2	1	117.0	586	21
Fortus	2165E ↗	E3	2.1	M	63.3	10.4	1	115.7	586	22
Genesis	G2150E ↗	E3	2.1	M	63.1	10.3	2	116.7	584	23
Dak-Sota	DE5215 ↗	E3	1.5	M	62.9	10.3	2	115.7	582	24
Genesis	G1690E ↗	E3	1.6	M	62.9	10.0	1	114.7	582	25
Genesis	G2090E ↗	E3	2.0	PK	62.8	10.2	1	114.7	581	26
Fortus	2096E ↗	E3	2.0	PK	62.0	10.3	1	114.7	574	27
Fortus	1895E ↗	E3	1.8	PK	61.8	10.3	1	116.7	572	28
Xitavo	XO 2075E ↗	E3	2.0	PK	61.7	10.4	1	116.3	571	29
					Averages = 65.4	10.2	1	116.0	605	
					LSD (0.10) = 2.0	0.2	ns			
					LSD (0.25) = 1.0	0.1	ns			
					C.V. = 2.9					

Payden Peterson

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Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.0

Drying = \$0.02

Prices: GMO = \$9.25

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

Report Date: 10/11/2025

Additional reports available at www.firstseedtests.com

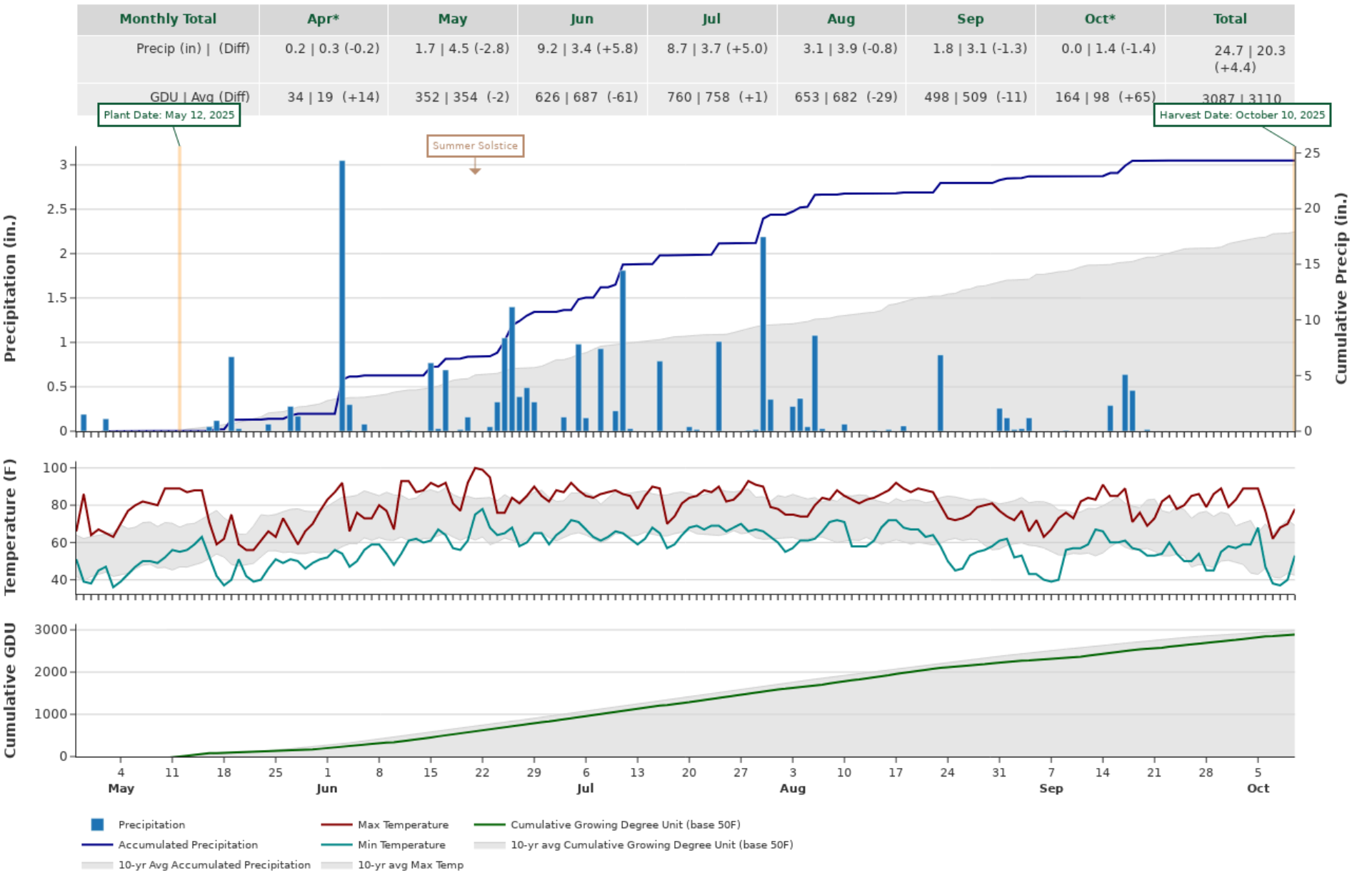
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly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

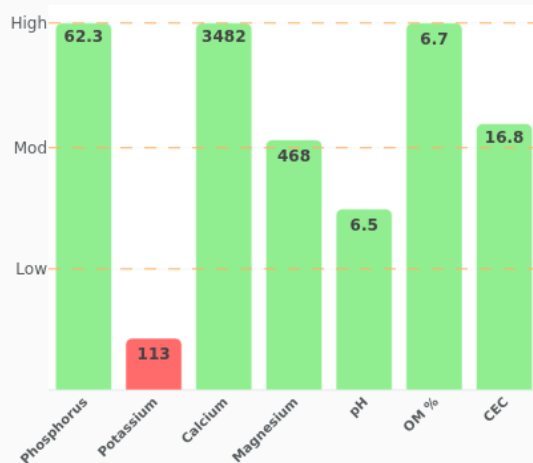
Weather Data Retrieved: 10/11/2025



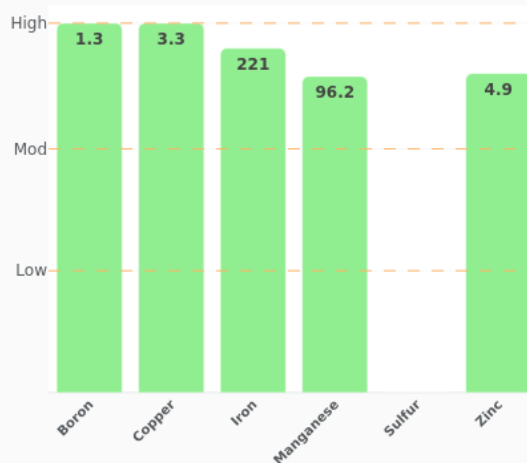
* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

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.

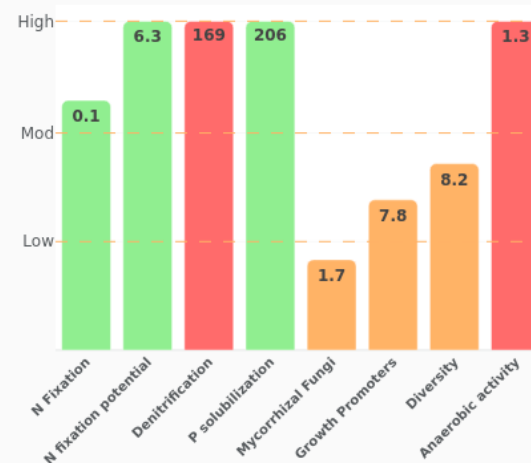
Macronutrients



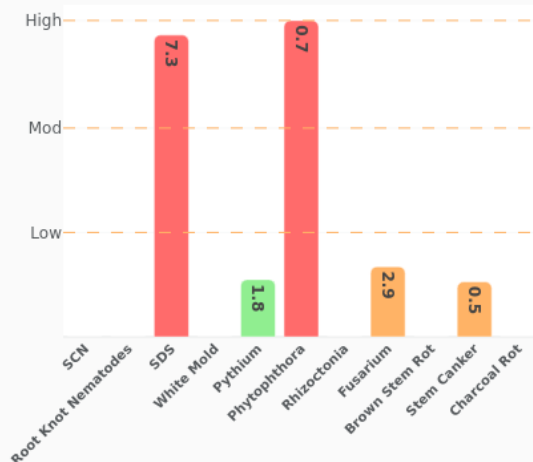
Micronutrients



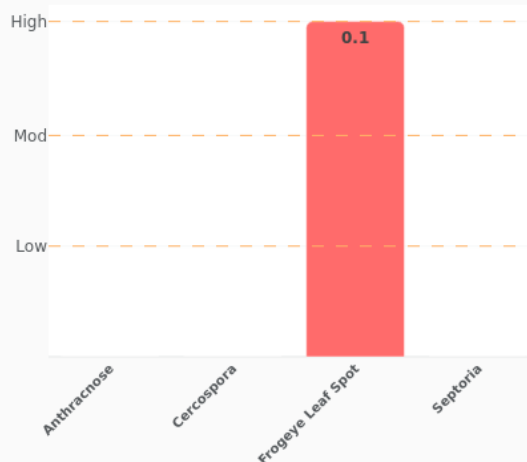
Biofertility Analytics



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 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.

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®

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	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.