

Test by: Centrol Crop Consulting Volga, SD

2025 Soybeans Top 30 Harvest Report

South Dakota Northeast [SDNE] IROQUOIS, SD

Toby Kozirolek, Beadle County, SD

All-Season Test	Maturity Group 1.0 - 1.7 S2025SDNE02
Top 30 of 42	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Spartan Charge, Metribuzin, Powermax, Enlist, Liberty (2x)
SOIL DESCRIPTION:	Houdek-Prosper loam, well drained, non-irrigated
SOIL CONDITION:	5.43 pH, 4.67% OM, 20.62 CEC, low P, high K, low S, high B, high Zn
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Brawl, Powermax, Enlist, Liberty
FERTILITY - Other:	No fertilizer applied
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 13 150.0 /A 30" spacing
HARVESTED - STAND:	Oct 7 136.9 /A
PEST & DISEASE RISK:	Fusarium, Stem Canker*

TEST COMMENTS:

Phenomenal yields for Southeastern Beadle County. If the trial average were a field average, it would be a record yield for most any farm in the county. Excessive August rains hurt yields to the north; however, this location had near-perfect moisture and conditions. Weed control was excellent, and we only sprayed twice (1 Pre, 1 Post), as the trial area stayed very clean.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Pioneer	P17Z39E GC ↗	E3	1.7	PK	68.0	10.3	0	143.0	609	1
Thunder	TE7510N ↗	E3	1.0	M	67.2	10.7	0	139.0	602	2
Apex	AE1350 ↗	E3	1.3	M	67.0	10.8	0	143.0	600	3
Thunder	TX8313N ↗	RXF	1.3	M	66.7	10.6	0	137.7	598	4
Genesis	G1260E ↗	E3	1.2	M	65.7	10.7	0	135.3	589	5
Fortus	1385E ↗	E3	1.3	M	64.5	10.9	0	132.7	578	6
Genesis	G1290E ↗	E3	1.2	M	64.1	10.8	0	130.3	574	7
Xitavo	XO 1116E ↗	E3	1.1	M	63.4	10.8	0	140.3	568	8
Dahlman	7618XF ↗	RXF	1.8	M	63.1	10.5	0	139.3	565	9
Stine	10EH02 ↗	E3	1.0	M	62.8	10.8	0	138.0	563	10
Thunder	TE7513N ↗	E3	1.3	PK	62.6	10.5	0	138.0	561	11
Dahlman	7213XF ↗	RXF	1.3	M	62.6	10.6	0	135.3	561	12
Genesis	G1070E ↗	E3	1.0	M	61.8	10.9	0	128.0	554	13
Xitavo	XO 1545E ↗	E3	1.5	PK	61.6	10.7	0	133.0	552	14
Thunder	TX8412N ↗	RXF	1.2	M	61.5	10.7	0	138.0	551	15
Dairyland	DSR-1099E ↗	E3	1.0	M	61.4	10.6	0	132.7	550	16
Dak-Sota	DE5514 ↗	E3	1.4	PK	61.1	10.8	0	143.0	547	17
Xitavo	XO 1225E ↗	E3	1.2	M	61.0	11.1	0	137.7	547	18
Dahlman	7512XF ↗	RXF	1.2	M	61.0	10.6	0	135.3	547	19
Genesis	G1560E ↗	E3	1.5	M	60.3	10.8	0	138.0	540	20
Apex	AE1760 ↗	E3	1.7	M	60.3	10.8	0	130.3	540	21
Apex	AE1650 ↗	E3	1.6	M	60.2	10.8	0	138.0	539	22
Stine	13EH62 ↗	E3	1.3	M	60.1	10.6	0	135.3	538	23
Pioneer	P13Z28E GC ↗	E3	1.3	S	59.7	10.7	0	133.0	535	24
Xitavo	XO 1776E ↗	E3	1.7	M	59.4	10.6	0	138.0	532	25
Asgrow	AG14XF4 GC ↗	RXF	1.4	R	59.4	10.7	0	138.0	532	26
Dak-Sota	DE5617 ↗	E3	1.7	M	59.2	11.0	0	140.3	530	27
Thunder	TX8417N ↗	RXF	1.7	M	58.8	10.7	0	140.3	527	28
Apex	AE1720 ↗	E3	1.7	M	58.5	10.6	0	138.0	524	29
Thunder	TX8215N ↗	RXF	1.5	M	58.2	10.7	0	140.3	521	30

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Averages = **60.3** **10.7** **136.9** **540**

LSD (0.10) = 5.1 ns ns

LSD (0.25) = 2.7 ns ns

C.V. = 8.0

Historic yield: new site

Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.04

Prices: GMO = \$8.96

Report Date: 10/08/2025

Additional reports available at www.firstseedtests.com

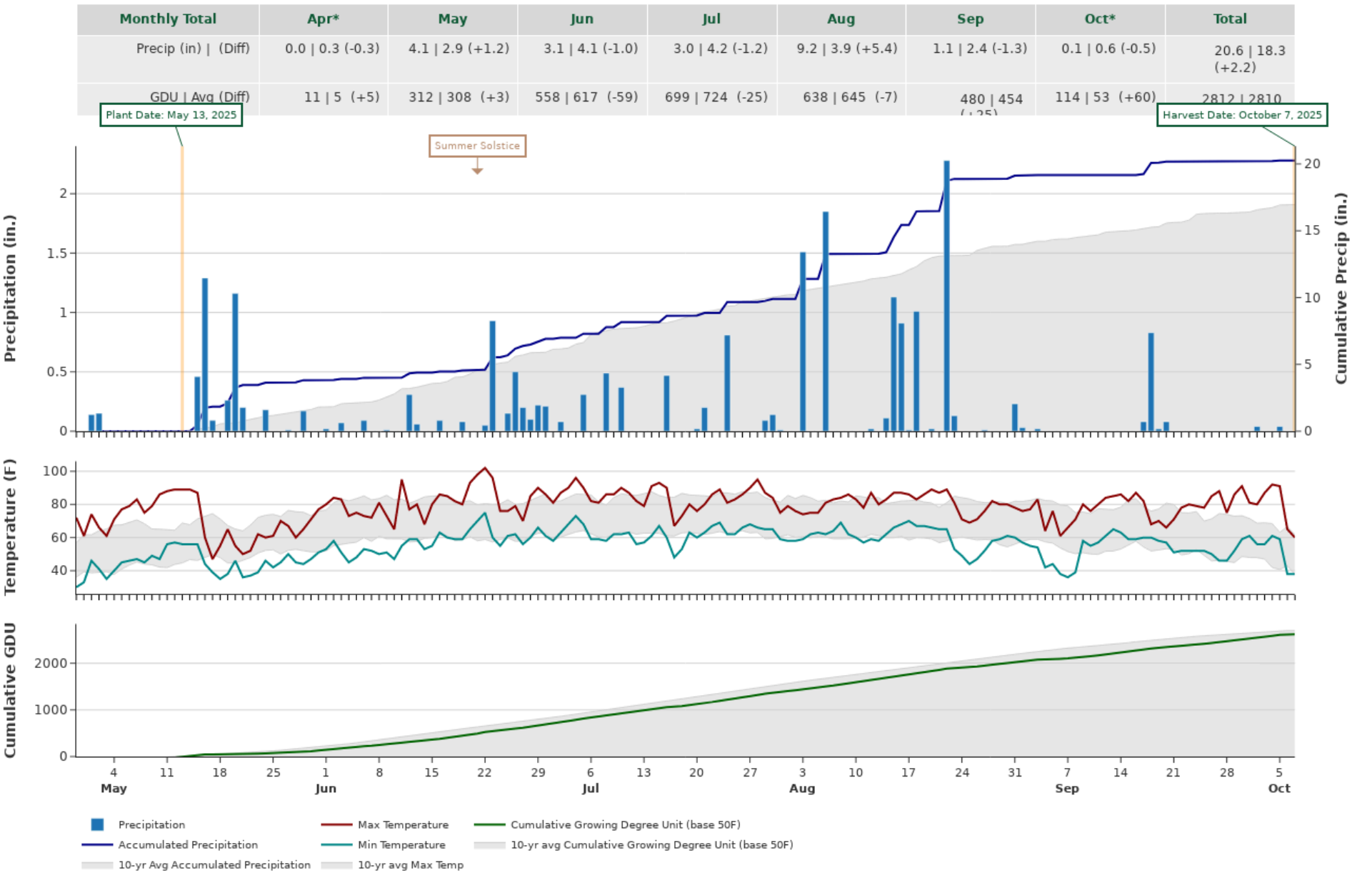
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly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

Weather Conditions Summary at IROQUOIS, SD

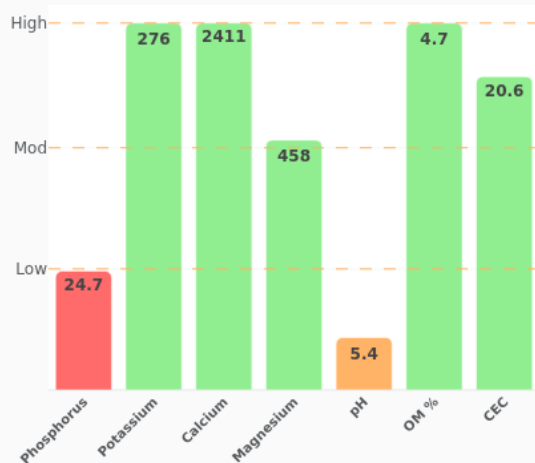
Weather Data Retrieved: 10/08/2025



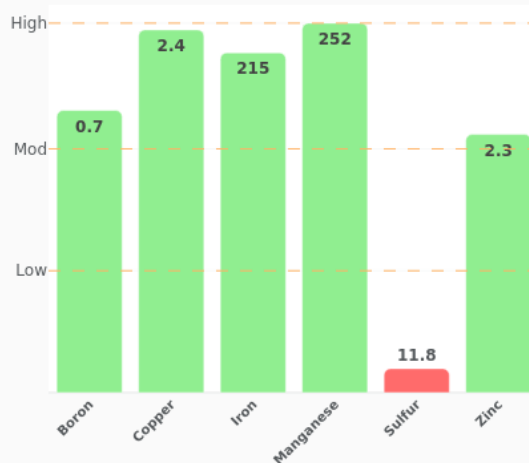
* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

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.

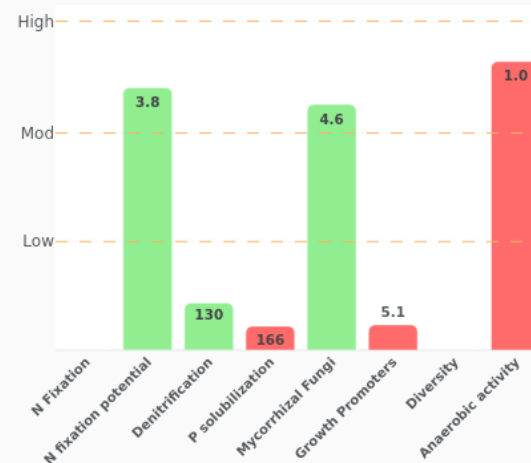
Macronutrients



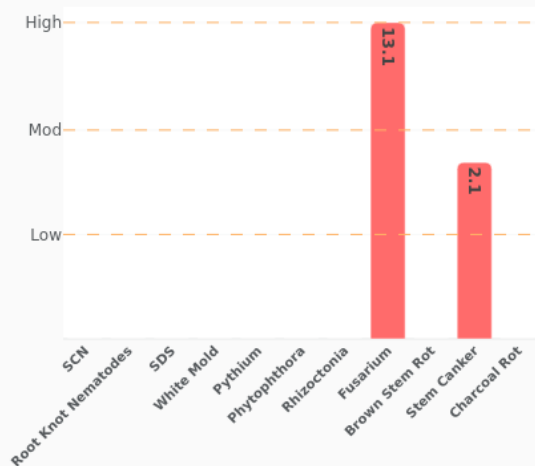
Micronutrients



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 Northeast [SDNE]

All-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE1350	E3	M	1.3	F,I
Apex	AE1520	E3	M	1.5	F,I
Apex	AE1650	E3	M	1.6	CMB-APX,SA
Apex	AE1720	E3	M	1.7	F,I
Apex	AE1760	E3	M	1.7	F,I
Asgrow	AG14XF4	RXF	R	1.4	ACi,IL
Dahlman	7213XF	RXF	M	1.3	F,I
Dahlman	7512XF	RXF	M	1.2	F,I
Dahlman	7515XF	RXF	M	1.5	F,I
Dahlman	7618XF	RXF	M	1.8	F,I
Dairyland	DSR-1099E	E3	M	1.0	Lum, LumT, IL
Dairyland	DSR-1383E	E3	PK	1.3	Lum, LumT, IL
Dairyland	DSR-1601E	E3	PK	1.6	Lum, LumT, IL
Dak-Sota	DE5215	E3	M	1.5	TFI
Dak-Sota	DE5514	E3	PK	1.4	TFI
Dak-Sota	DE5617	E3	M	1.7	TFI
Fortus	1385E	E3	M	1.3	ACi,SU
Fortus	1502E	E3	M	1.5	ACi,SU
Genesis	G1070E	E3	M	1.0	EcTC
Genesis	G1260E	E3	M	1.2	EcTC
Genesis	G1290E	E3	M	1.2	EcTC
Genesis	G1560E	E3	M	1.5	EcTC
Genesis	G1690E	E3	M	1.6	EcTC
Genesis	G1760E	E3	M	1.7	EcTC
Pioneer	P13Z28E	E3	S	1.3	Lum, LumT, IL
Pioneer	P17Z39E	E3	PK	1.7	Lum, LumT, IL
Stine	10EH02	E3	M	1.0	HYTN
Stine	13EG23	E3	M	1.3	HYTN
Stine	13EH62	E3	M	1.3	HYTN
Thunder	TE7415N	E3	PK	1.5	TFI
Thunder	TE7510N	E3	M	1.0	TFI
Thunder	TE7513N	E3	PK	1.3	TFI
Thunder	TX8215N	RXF	M	1.5	TFI
Thunder	TX8313N	RXF	M	1.3	TFI
Thunder	TX8412N	RXF	M	1.2	TFI
Thunder	TX8417N	RXF	M	1.7	TFI

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Xitavo	XO 1095E	E3	M	1.0	PV,IL,OB,Rey
Xitavo	XO 1116E	E3	M	1.1	PV,IL,OB,Rey
Xitavo	XO 1225E	E3	M	1.2	PV,IL,OB,Rey
Xitavo	XO 1446E	E3	M	1.4	PV,IL,OB,Rey
Xitavo	XO 1545E	E3	PK	1.5	PV,IL,OB,Rey
Xitavo	XO 1776E	E3	M	1.7	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,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ACi,SU	Acceleron® Standard Insecticide-Fungicide, StepUp
CMB-APX,SA	CruiserMaxx® APX with Saltro®
EcTC	Eclipse US Total Coverage Trio IM, N-Force
F,I	Fungicide, Insecticide
HYTN	HYTN MyYield Treated
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.