

Test by: Agri Seed Research, LLC Louisburg, KS

2025 Soybeans Top 30 Harvest Report

Kansas Northeast [KSNE] VERMILLION, KS

Jack Boyle, Marshall County, KS 66544

All-Season Test	Maturity Group 3.4 - 4.4 S2025KSNE06
Top 23 of 23	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Glyphosate, Authority, Sencor
SOIL DESCRIPTION:	Kennebec silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	7.51 pH, 4.25% OM, 18.52 CEC, low P, low K, low S, high B, low Zn
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Glyphosate, Flumioxazin, Liberty
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 17 145.0 /A 30" spacing
HARVESTED - STAND:	Nov 4 137.3 /A
PEST & DISEASE RISK:	SCN, Fusarium, Stem Canker, Charcoal Rot, Anthracnose of Soybean*

TEST COMMENTS:

This site was planted into a clean seedbed and emerged quickly, thanks to rain just a couple of days after planting. The plot looked great at V3 with a nice, even stand. July brought several timely showers, with over seven inches of rain during the month. August was hot, and this site missed some moisture. September brought more timely rainfall to help the plants fill pods. Plants were tall and had several pods at each node.

Report Date: 11/05/2025

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
Xitavo	XO 4132E ↗	E3	4.1	M	71.0	10.9	0	135.7	674	1
Mustang	XFS42126 GC ↗	RXF	4.2	NA	70.3	11.2	0	134.0	668	2
Asgrow	AG39XF3 GC ↗	RXF	3.9	R	70.0	10.7	0	142.3	665	3
Voltis	V4134E GC ↗	E3	4.1	M	69.8	10.7	0	134.0	663	4
Pioneer	P40Z57E GC ↗	E3	4.0	R	68.9	10.8	0	135.7	655	5
Alloy	A40E35 GC ↗	E3,ST	4.0	M	68.7	10.8	0	134.0	653	6
Mustang	XFS44625 GC ↗	RXF	4.4	NA	68.6	10.6	0	137.3	652	7
Hoegemeyer	4036 E ↗	E3	4.0	M	68.3	10.7	0	139.0	649	8
Pioneer	P42A84E GC ↗	E3	4.2	R	68.0	10.8	0	135.7	646	9
Xitavo	XO 3855E ↗	E3	3.8	M	68.0	10.9	0	139.0	646	10
Pioneer	P43Z44SE GC ↗	E3,ST	4.3	R	67.9	10.7	0	134.0	645	11
Asgrow	AG43XF5 GC ↗	RXF	4.3	R	67.8	10.8	0	139.0	644	12
Alloy	A38E35 GC ↗	E3	3.8	M	67.7	10.6	0	137.3	643	13
Xitavo	XO 4405E ↗	E3	4.4	M	67.3	10.7	0	139.0	639	14
Asgrow	AG35XF5 GC ↗	RXF	3.5	R	66.1	10.9	0	137.3	628	15
Genesis	G3580ES ↗	E3,ST	3.5	M	65.7	11.0	0	134.0	624	16
Genesis	G3890E ↗	E3	3.8	M	65.4	10.9	0	140.7	621	17
Hoegemeyer	3926 E ↗	E3	3.9	PK	65.2	10.8	0	137.3	619	18
Genesis	G4080ES ↗	E3,ST	4.0	R	64.7	10.8	0	140.7	615	19
Voltis	V4225E GC ↗	E3	4.2	M	64.1	10.8	0	137.3	609	20
Pioneer	P44Z67BE GC ↗	E3,ST	4.4	NA	63.6	10.6	0	134.0	604	21
ED Seed	E4131S GC ↗	E3	4.1	NA	63.6	11.0	0	144.0	604	22
Xitavo	XO 3555E ↗	E3	3.5	M	61.7	10.8	0	135.7	586	23

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Yield & Income Factors:

Base Moisture = 13.0%

Averages = **67.1** **10.8** **137.3** **637**

LSD (0.10) = 2.9 0.2 ns

LSD (0.25) = 1.5 0.1 ns

C.V. = 4.0

Historic yield: 50.4 bu/a, 11 yr(s)

Shrink = 1.3

Drying = \$0.06

Prices: GMO = \$9.50

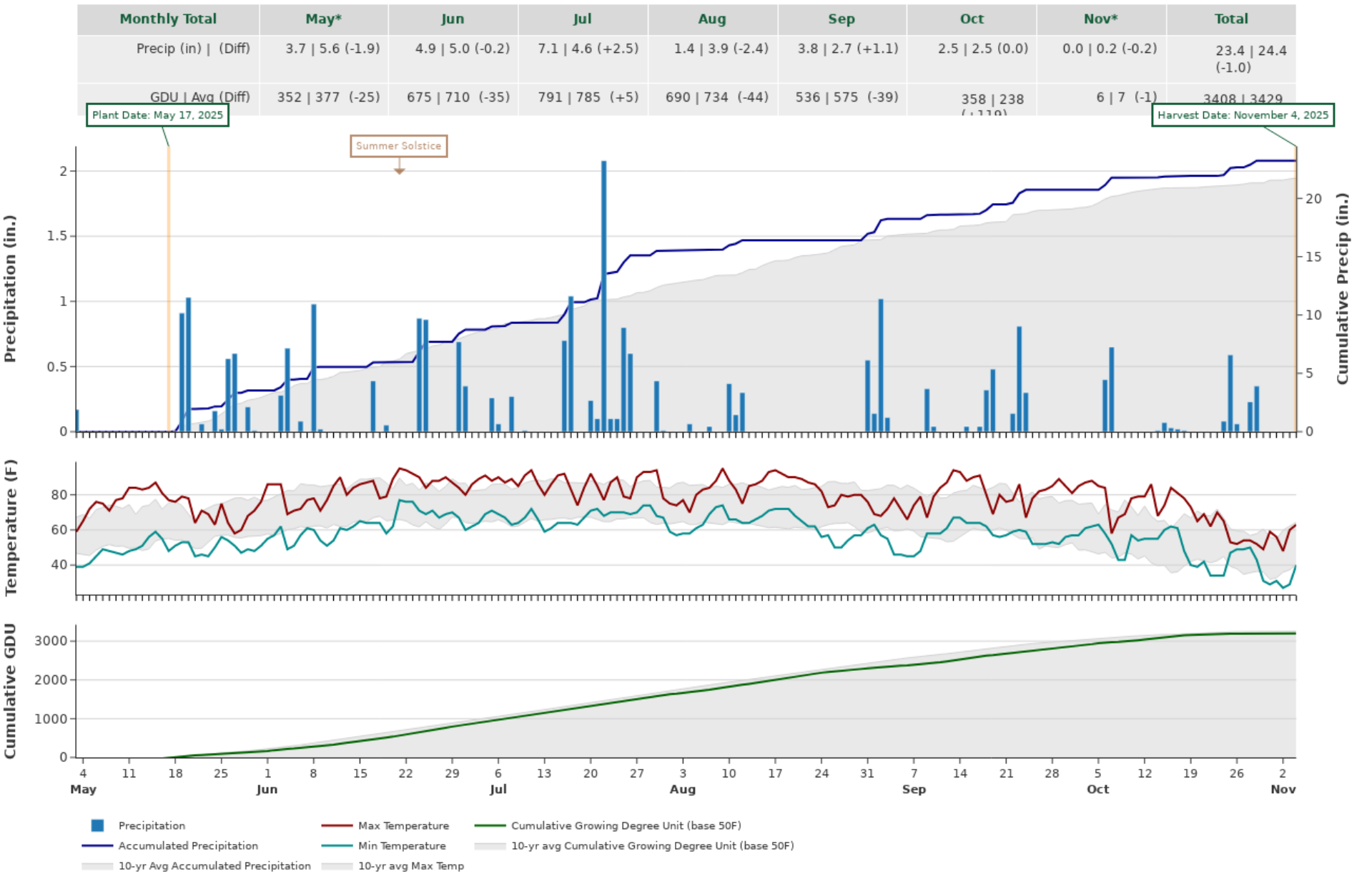
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly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

Weather Conditions Summary at VERMILLION, KS

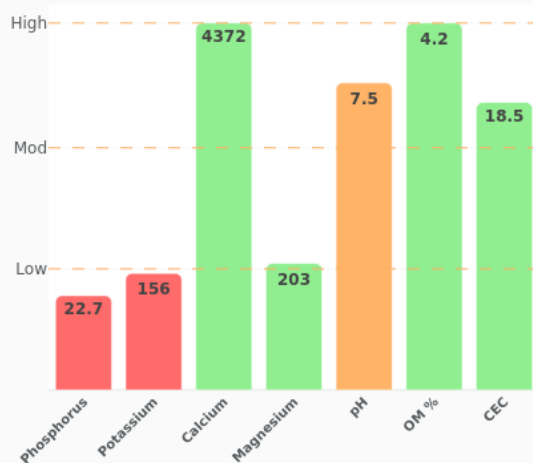
Weather Data Retrieved: 11/05/2025



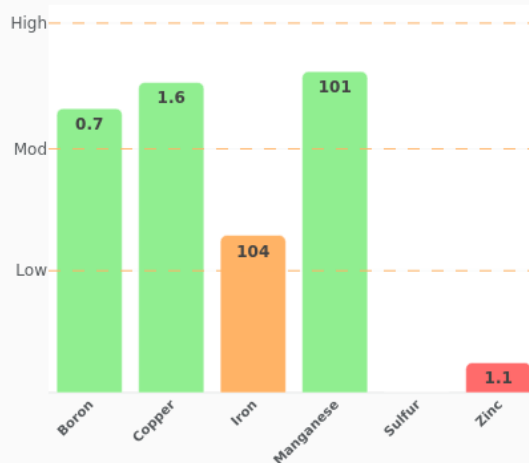
* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

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.

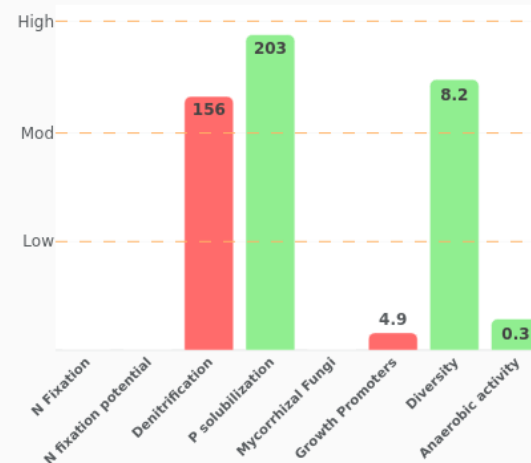
Macronutrients



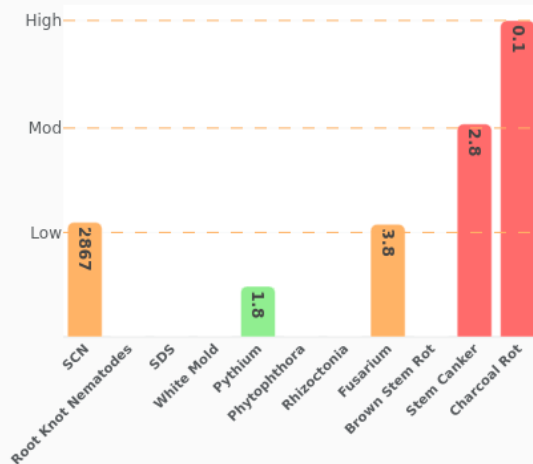
Micronutrients



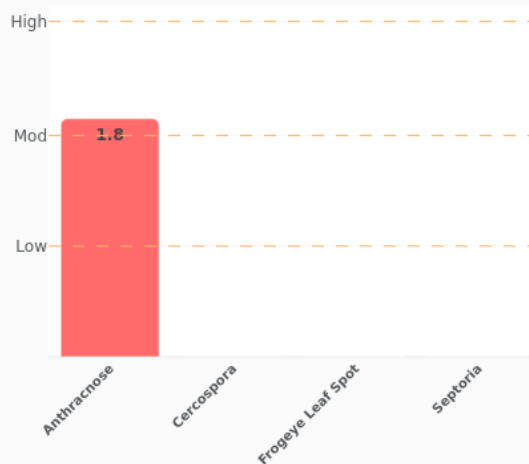
Biofertility Analytics



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 - Kansas Northeast [KSNE]

All-Season Test Products (23 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Alloy	A38E35	E3	M	3.8	ACi,IL
Alloy	A40E35	E3,ST	M	4.0	ACi,IL
Asgrow	AG35XF5	RXF	R	3.5	ACi,IL
Asgrow	AG39XF3	RXF	R	3.9	ACi,IL
Asgrow	AG43XF5	RXF	R	4.3	ACi,IL
ED Seed	E4131S	E3	NA	4.1	ACi
Genesis	G3580ES	E3,ST	M	3.5	EcTC,SA
Genesis	G3890E	E3	M	3.8	EcTC,SA
Genesis	G4080ES	E3,ST	R	4.0	EcTC,SA
Hoegemeyer	3926 E	E3	PK	3.9	Lum, LumT, IL
Hoegemeyer	4036 E	E3	M	4.0	Lum, LumT, IL
Mustang	XFS42126	RXF	NA	4.2	CMB-APX,SA
Mustang	XFS44625	RXF	NA	4.4	CMB-APX,SA
Pioneer	P40Z57E	E3	R	4.0	Lum, LumT, IL
Pioneer	P42A84E	E3	R	4.2	Lum, LumT, IL
Pioneer	P43Z44SE	E3,ST	R	4.3	Lum, LumT, IL
Pioneer	P44Z67BE	E3,ST	NA	4.4	Lum, LumT, IL
Voltis	V4134E	E3	M	4.1	CMB-APX,SA
Voltis	V4225E	E3	M	4.2	CMB-APX,SA
Xitavo	XO 3555E	E3	M	3.5	PV,IL,OB,Rey
Xitavo	XO 3855E	E3	M	3.8	PV,IL,OB,Rey
Xitavo	XO 4132E	E3	M	4.1	PV,IL,OB,Rey
Xitavo	XO 4405E	E3	M	4.4	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	Acceleron® Standard Insecticide-Fungicide
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
CMB-APX,SA	CruiserMaxx® APX with Saltro®
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro®
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®

* Seed treatments may include unspecified plant health promoting components.