

Test by: Agri Seed Research, LLC Louisburg, KS

2025 Soybeans Top 30 Harvest Report

Kansas Northeast [KSNE] HOLTON, KS

Dave Royer, Jackson County, KS

All-Season Test	Maturity Group 3.4 - 4.4 S2025KSNE05
Top 23 of 23	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Glyphosate, Harness Xtra
SOIL DESCRIPTION:	Kennebec silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	7.34 pH, 4.41% OM, 20.55 CEC, low P, medium K, low S, high B, high Zn
TILLAGE/CULTIVATION:	Conventional W/O Fall Till
PEST MANAGEMENT:	Glyphosate, 2,4-D, Zidua, Cobra
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 17 145.0 /A 30" spacing
HARVESTED - STAND:	Nov 4 138.6 /A
PEST & DISEASE RISK:	Fusarium, Septoria Brown Spot, Anthracnose of Soybean*

TEST COMMENTS:

This site was planted into a clean seedbed, and soil moisture was limited at the time of planting. Several showers fell just after planting, helping the seed emerge quickly. June and July had several timely rain showers; July had over seven inches of rainfall. August was dry and hot, but plants kept on growing. September brought several rain showers, which really helped plants fill out pods. Plants were tall and standing well at harvest.

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
Hoegemeyer	4036 E ↗	E3	4.0	M	70.6	9.1	0	137.3	671	1
Mustang	XFS44625 GC ↗	RXF	4.4	NA	69.6	8.7	0	137.3	661	2
Genesis	G4080ES ↗	E3,ST	4.0	R	69.5	9.3	0	135.7	660	3
Mustang	XFS42126 GC ↗	RXF	4.2	NA	69.5	8.8	0	140.7	660	4
Xitavo	XO 4132E ↗	E3	4.1	M	68.0	8.9	0	140.7	646	5
Voltis	V4225E GC ↗	E3	4.2	M	67.2	9.1	0	140.7	638	6
Pioneer	P40Z57E GC ↗	E3	4.0	R	66.6	8.7	0	135.7	633	7
ED Seed	E4131S GC ↗	E3	4.1	NA	66.0	9.1	0	139.0	627	8
Genesis	G3580ES ↗	E3,ST	3.5	M	66.0	9.4	0	139.0	627	9
Xitavo	XO 4405E ↗	E3	4.4	M	66.0	8.9	0	139.0	627	10
Pioneer	P44Z67BE GC ↗	E3,ST	4.4	NA	65.7	9.4	0	137.3	624	11
Xitavo	XO 3855E ↗	E3	3.8	M	65.5	9.7	0	135.7	622	12
Hoegemeyer	3926 E ↗	E3	3.9	PK	65.5	9.2	0	139.0	622	13
Pioneer	P42A84E GC ↗	E3	4.2	R	65.3	8.8	0	135.7	620	14
Alloy	A38E35 GC ↗	E3	3.8	M	64.9	9.5	0	140.7	617	15
Pioneer	P43Z44SE GC ↗	E3,ST	4.3	R	64.8	8.9	0	137.3	616	16
Genesis	G3890E ↗	E3	3.8	M	64.4	9.2	0	140.7	612	17
Asgrow	AG35XF5 GC ↗	RXF	3.5	R	64.3	9.4	0	139.0	611	18
Alloy	A40E35 GC ↗	E3,ST	4.0	M	64.1	9.1	0	139.0	609	19
Xitavo	XO 3555E ↗	E3	3.5	M	64.1	9.3	0	139.0	609	20
Asgrow	AG43XF5 GC ↗	RXF	4.3	R	62.6	8.9	0	137.3	595	21
Asgrow	AG39XF3 GC ↗	RXF	3.9	R	62.2	8.9	0	139.0	591	22
Voltis	V4134E GC ↗	E3	4.1	M	61.8	9.2	0	144.0	587	23
					Averages = 65.8	9.1		138.6	625	
					LSD (0.10) = 2.2	ns	ns			
					LSD (0.25) = 1.1	ns	ns			
					C.V. = 3.1					



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Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.06 Prices: GMO = \$9.50

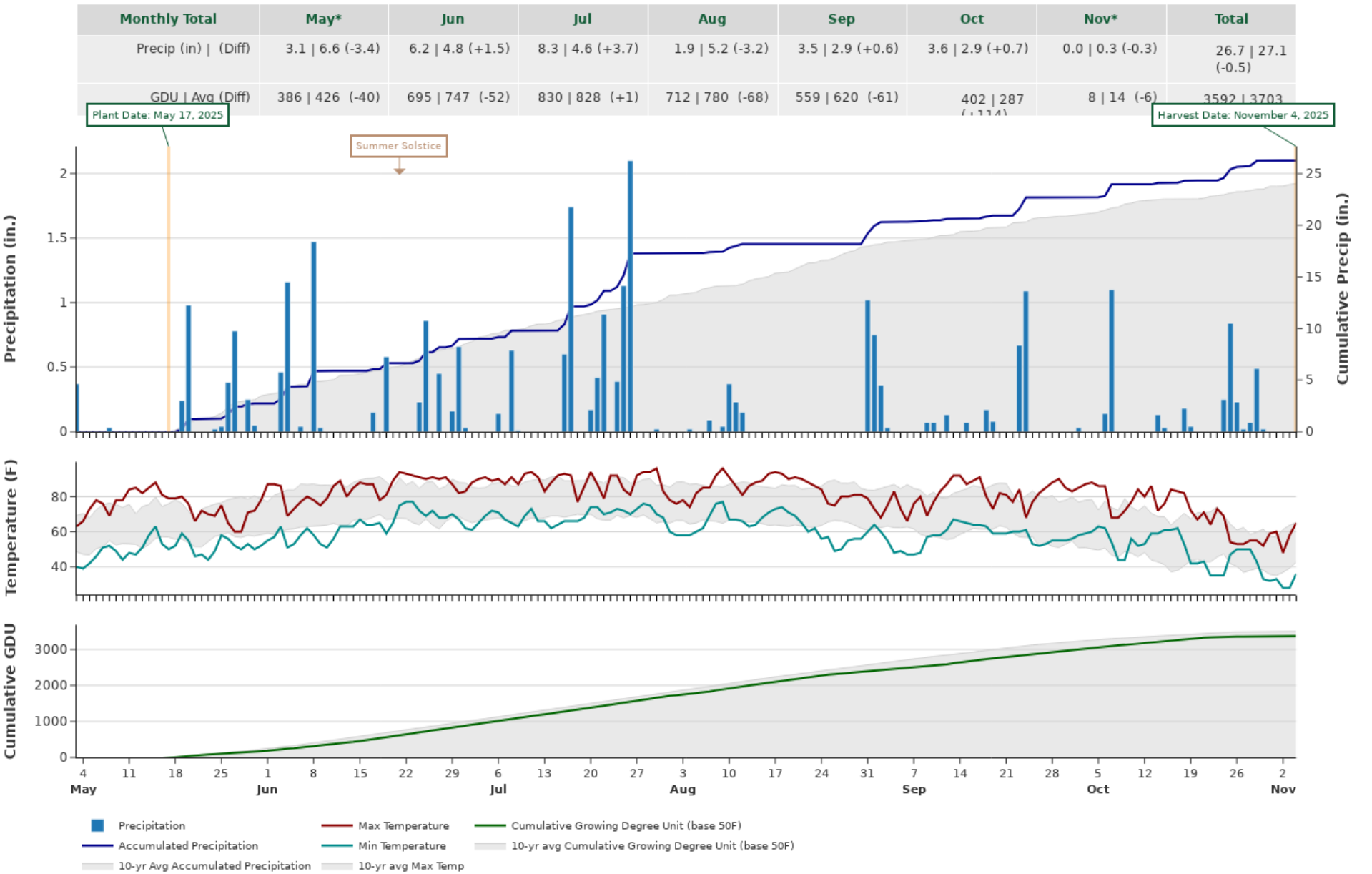
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly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

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Weather Conditions Summary at HOLTON, KS

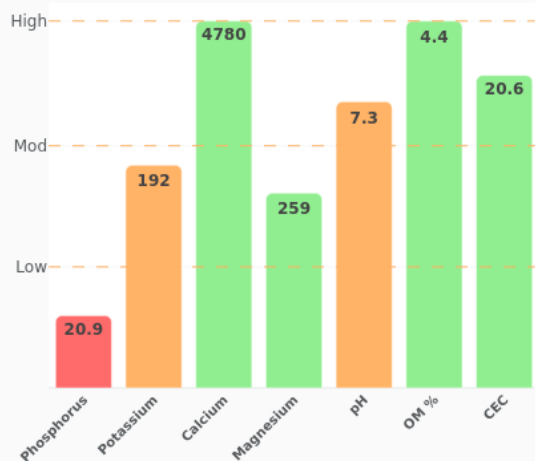
Weather Data Retrieved: 11/05/2025



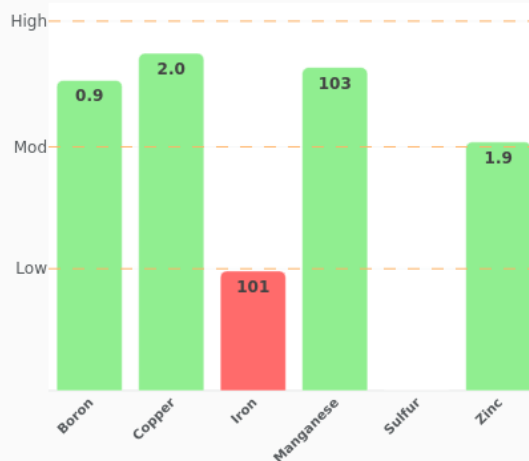
* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

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.

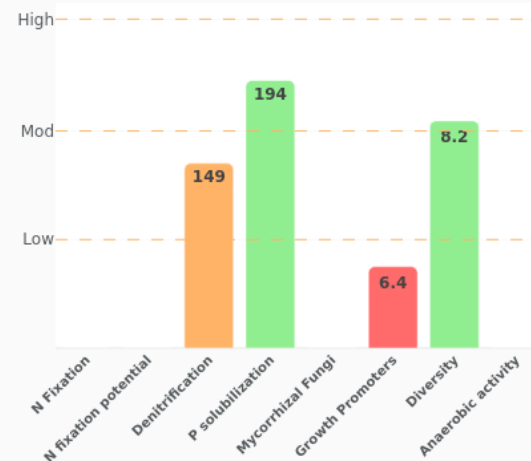
Macronutrients



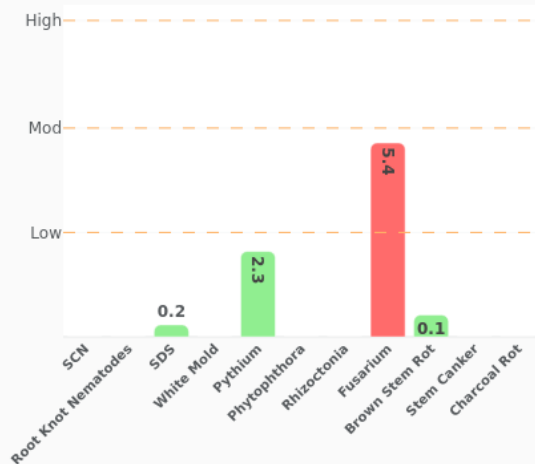
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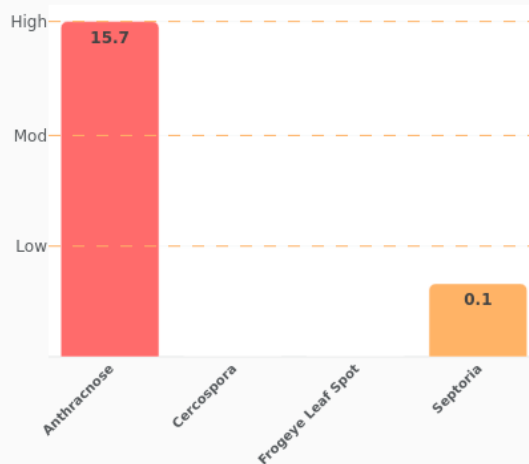
Biofertility Analytics



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.