

Test by: Agri Seed Research, LLC Louisburg, KS

2025 Soybeans Top 30 Harvest Report

Kansas East Central [KSEC] LA CYGNE, KS

Brad Stainbrook, Linn County, KS 66040

All-Season Test	Maturity Group 3.7 - 4.8 S2025KSEC01
Top 20 of 20	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Glyphosate, Mesotrione, Atrazine
SOIL DESCRIPTION:	Kenoma silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	7.05 pH, 4.48% OM, 13.54 CEC, low P, medium K, low S, high B, low Zn
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	2,4-D, Glyphosate, Zidua, Cobra, Warrant, Liberty
Applied N-P-K (units):	0-30-28
SEEDED - RATE - ROW:	Jun 23 145.0 /A 30" spacing
HARVESTED - STAND:	Nov 5 136.2 /A
PEST & DISEASE RISK:	Fusarium, Stem Canker, Anthracnose of Soybean*

TEST COMMENTS:

This site was planted into a clean seedbed and emerged well, thanks to a rain shower a few days after planting. The location looked uniform at V3 when taking stand counts, though this site was always behind on moisture during the growing season. At times, it showed signs of drought stress; late August and early September were the worst. Plants were on the shorter side but were standing well at harvest.

Report Date: 11/07/2025

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	P40Z57E GC ↗	E3	4.0	R	42.0	10.7	0	137.3	399	1
Mustang	XFS42126 GC ↗	RXF	4.2	NA	41.7	10.8	0	135.7	396	2
Xitavo	XO 4736E ↗	E3	4.7	M	40.9	10.6	0	137.3	389	3
Voltis	V4134E GC ↗	E3	4.1	M	40.5	10.7	0	137.3	385	4
Hoegemeyer	4596 E ↗	E3	4.5	M	40.0	10.8	0	137.3	380	5
Mustang	XFS44625 GC ↗	RXF	4.4	NA	39.1	10.2	0	137.3	371	6
ED Seed	E4131S GC ↗	E3	4.1	NA	38.4	11.1	0	135.7	365	7
Pioneer	P48A14E GC ↗	E3	4.8	M	38.2	10.7	0	132.3	363	8
Pioneer	P45Z75E GC ↗	E3	4.5	NA	37.9	10.7	0	140.7	360	9
Pioneer	P43Z44SE GC ↗	E3,ST	4.3	R	37.9	11.1	0	132.3	360	10
Xitavo	XO 3855E ↗	E3	3.8	M	37.0	10.1	0	135.7	352	11
Xitavo	XO 4405E ↗	E3	4.4	M	36.7	10.5	0	134.0	349	12
Hoegemeyer	4036 E ↗	E3	4.0	M	36.7	10.6	0	135.7	349	13
Mustang	XFS48425 GC ↗	RXF	4.8	NA	36.5	11.0	0	137.3	347	14
Alloy	A40E35 GC ↗	E3,ST	4.0	M	36.4	10.9	0	135.7	346	15
Xitavo	XO 4132E ↗	E3	4.1	M	35.6	10.5	0	140.7	338	16
Asgrow	AG39XF3 GC ↗	RXF	3.9	R	35.6	10.9	0	135.7	338	17
Voltis	V4225E GC ↗	E3	4.2	M	35.5	10.8	0	134.0	337	18
Alloy	A45E35 GC ↗	E3,ST	4.5	M	34.7	11.0	0	135.7	330	19
Asgrow	AG43XF5 GC ↗	RXF	4.3	R	33.9	10.4	0	137.3	322	20
					Averages = 37.8	10.7		136.2	359	
					LSD (0.10) = 2.6	0.3	ns			
					LSD (0.25) = 1.3	0.1	ns			
					C.V. = 6.4					

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Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.06

Prices: GMO = \$9.50

Historic yield: 42.08 bu/a, 11 yr(s)

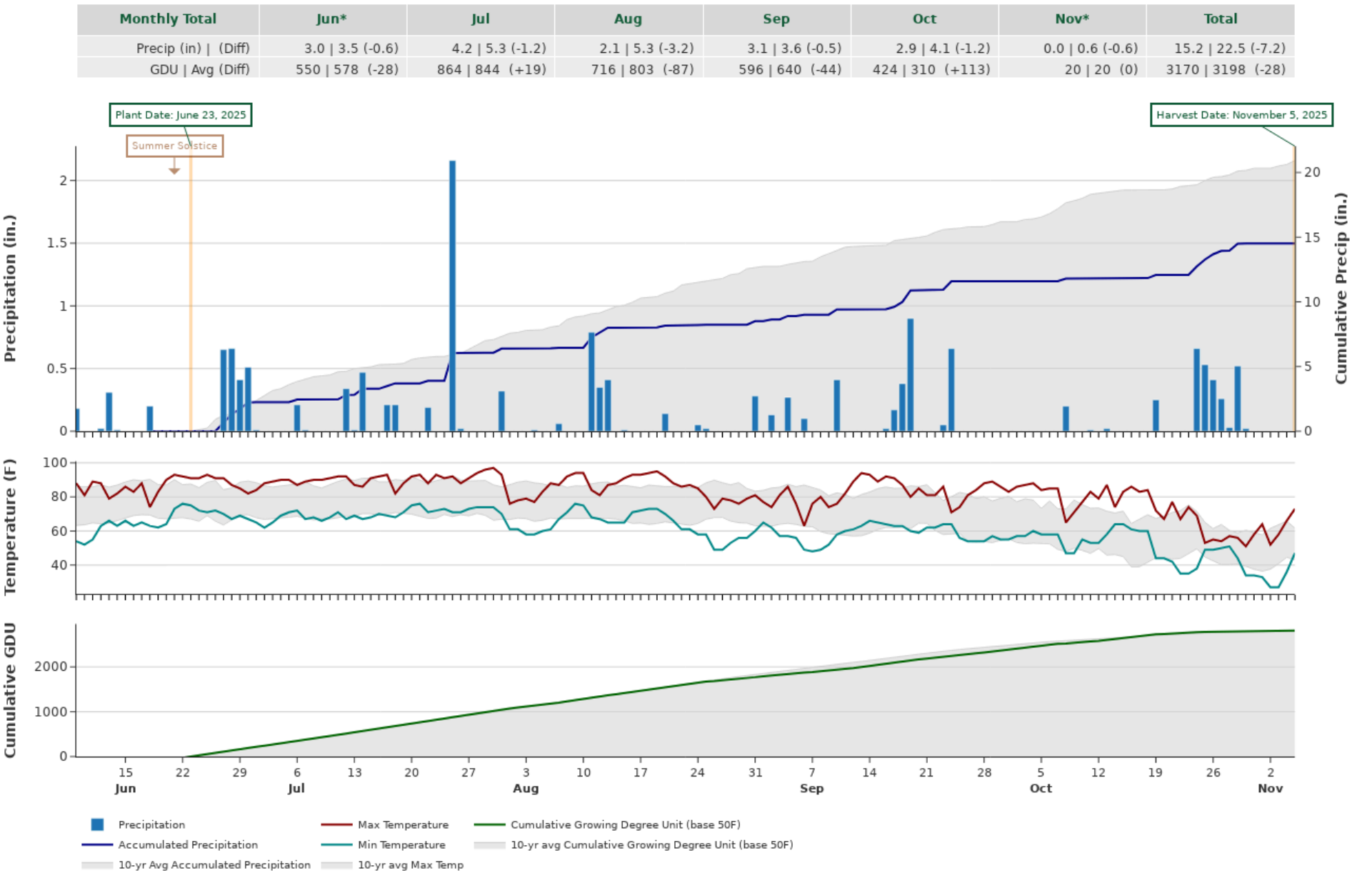
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly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

Weather Conditions Summary at LA CYGNE, KS

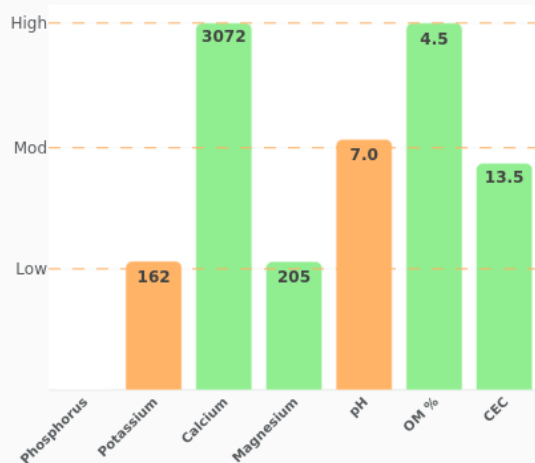
Weather Data Retrieved: 11/07/2025



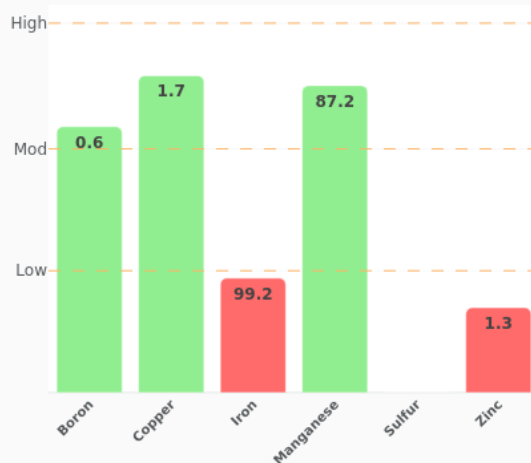
* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

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.

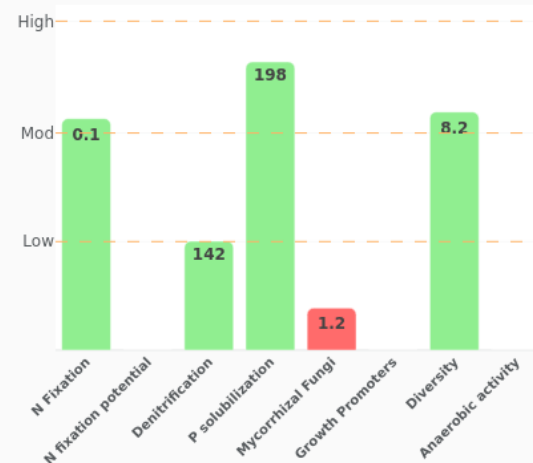
Macronutrients



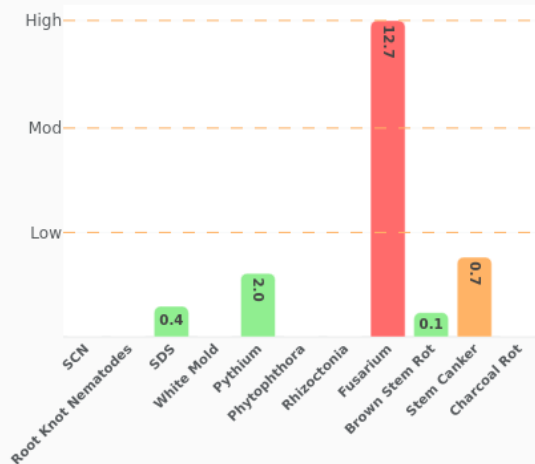
Micronutrients



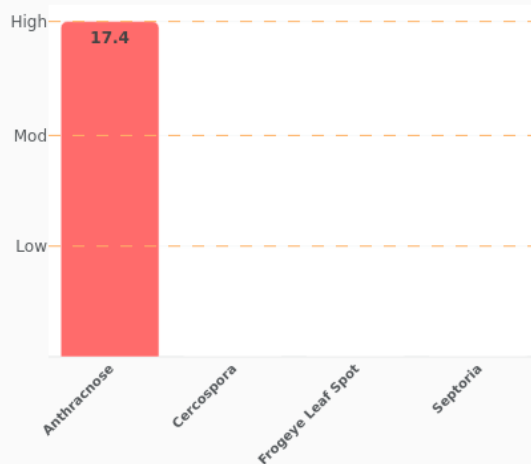
Biofertility Analytics



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 East Central [KSEC]

All-Season Test Products (20 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Alloy	A40E35	E3,ST	M	4.0	ACi,IL
Alloy	A45E35	E3,ST	M	4.5	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
Hoegemeyer	4036 E	E3	M	4.0	Lum, LumT, IL
Hoegemeyer	4596 E	E3	M	4.5	Lum, LumT, IL
Mustang	XFS42126	RXF	NA	4.2	CMB-APX,SA
Mustang	XFS44625	RXF	NA	4.4	CMB-APX,SA
Mustang	XFS48425	RXF	NA	4.8	CMB-APX,SA
Pioneer	P40Z57E	E3	R	4.0	Lum, LumT, IL
Pioneer	P43Z44SE	E3,ST	R	4.3	Lum, LumT, IL
Pioneer	P45Z75E	E3	NA	4.5	Lum, LumT, IL
Pioneer	P48A14E	E3	M	4.8	Lum, LumT, IL
Voltis	V4134E	E3	M	4.1	CMB-APX,SA
Voltis	V4225E	E3	M	4.2	CMB-APX,SA
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
Xitavo	XO 4736E	E3	M	4.7	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®
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®
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.