

Test by: Agri Seed Research, LLC Louisburg, KS

## 2025 Soybeans Top 30 Harvest Report

Kansas East Central [KSEC] SPRING HILL, KS  
Dan Stuteville, Miami County, KS 66013

<b>All-Season Test</b>	Maturity Group <b>3.7 - 4.8</b> S2025KSEC04
<b>Top 20 of 20</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Fulltime Nxt, Mesotrione
<b>SOIL DESCRIPTION:</b>	Bucyrus silty clay loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	7.66 pH, 3.75% OM, 22.25 CEC, high P, low K, low S, high B, low Zn
<b>TILLAGE/CULTIVATION:</b>	Conventional W/O Fall Till
<b>PEST MANAGEMENT:</b>	Sharpen, Glyphosate, Metribuzin, Zone, S-Metolachlor, Liberty
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	Jun 20 145.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 8 136.0 /A
<b>PEST &amp; DISEASE RISK:</b>	Red Crown Rot, Charcoal Rot, Anthracnose of Soybean*

### TEST COMMENTS:

*This site was planted into a clean seedbed with enough moisture to provide a quick germination. This location received several timely rains in July, and mid-July brought several rain events of over 2 inches. August, September, and October were drier, with August being hot and missing several rains. Plants showed some heat stress in August, but an unseasonably cool September helped plants utilize what moisture was available. Plants were tall and standing well at harvest. This site did not receive a killing frost until November 2.*

Report Date: 11/10/2025

Additional reports available at [www.firstseedtests.com](http://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	<b>56.0</b>	11.8	0	132.3	532	1
Pioneer	P40Z57E GC ↗	E3	4.0	R	<b>55.4</b>	11.9	0	139.0	526	2
Mustang	XFS48425 GC ↗	RXF	4.8	NA	55.0	11.8	0	137.3	522	3
Voltis	V4134E GC ↗	E3	4.1	M	54.8	12.0	0	137.3	521	4
Asgrow	AG39XF3 GC ↗	RXF	3.9	R	54.3	11.8	0	137.3	516	5
Xitavo	XO 4736E ↗	E3	4.7	M	53.9	12.0	0	135.7	512	6
Hoegemeyer	4596 E ↗	E3	4.5	M	53.8	12.0	0	139.0	511	7
Voltis	V4225E GC ↗	E3	4.2	M	53.7	11.9	0	135.7	510	8
Alloy	A40E35 GC ↗	E3,ST	4.0	M	53.6	11.4	0	134.0	509	9
Alloy	A45E35 GC ↗	E3,ST	4.5	M	53.5	11.4	0	132.3	508	10
ED Seed	E4131S GC ↗	E3	4.1	NA	52.9	11.6	0	137.3	503	11
Xitavo	XO 4405E ↗	E3	4.4	M	52.6	11.4	0	134.0	500	12
Mustang	XFS44625 GC ↗	RXF	4.4	NA	52.5	11.4	0	134.0	499	13
Pioneer	P43Z44SE GC ↗	E3,ST	4.3	R	52.4	11.5	0	135.7	498	14
Mustang	XFS42126 GC ↗	RXF	4.2	NA	52.1	12.0	0	142.3	495	15
Pioneer	P48A14E GC ↗	E3	4.8	M	51.0	11.3	0	134.0	484	16
Asgrow	AG43XF5 GC ↗	RXF	4.3	R	50.6	11.8	0	134.0	481	17
Pioneer	P45Z75E GC ↗	E3	4.5	NA	50.5	12.0	0	137.3	480	18
Xitavo	XO 3855E ↗	E3	3.8	M	50.5	11.6	0	135.7	480	19
Xitavo	XO 4132E ↗	E3	4.1	M	50.0	11.5	0	135.7	475	20

*Adam Stuteville*

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### Yield & Income Factors:

Base Moisture = 13.0%

Averages = **53.0**

LSD (0.10) = 2.3

LSD (0.25) = 1.2

C.V. = 4.2

**11.7**

0.2

0.1

ns

ns

**136.0**

ns

ns

ns

Historic yield: new site

Drying = \$0.06

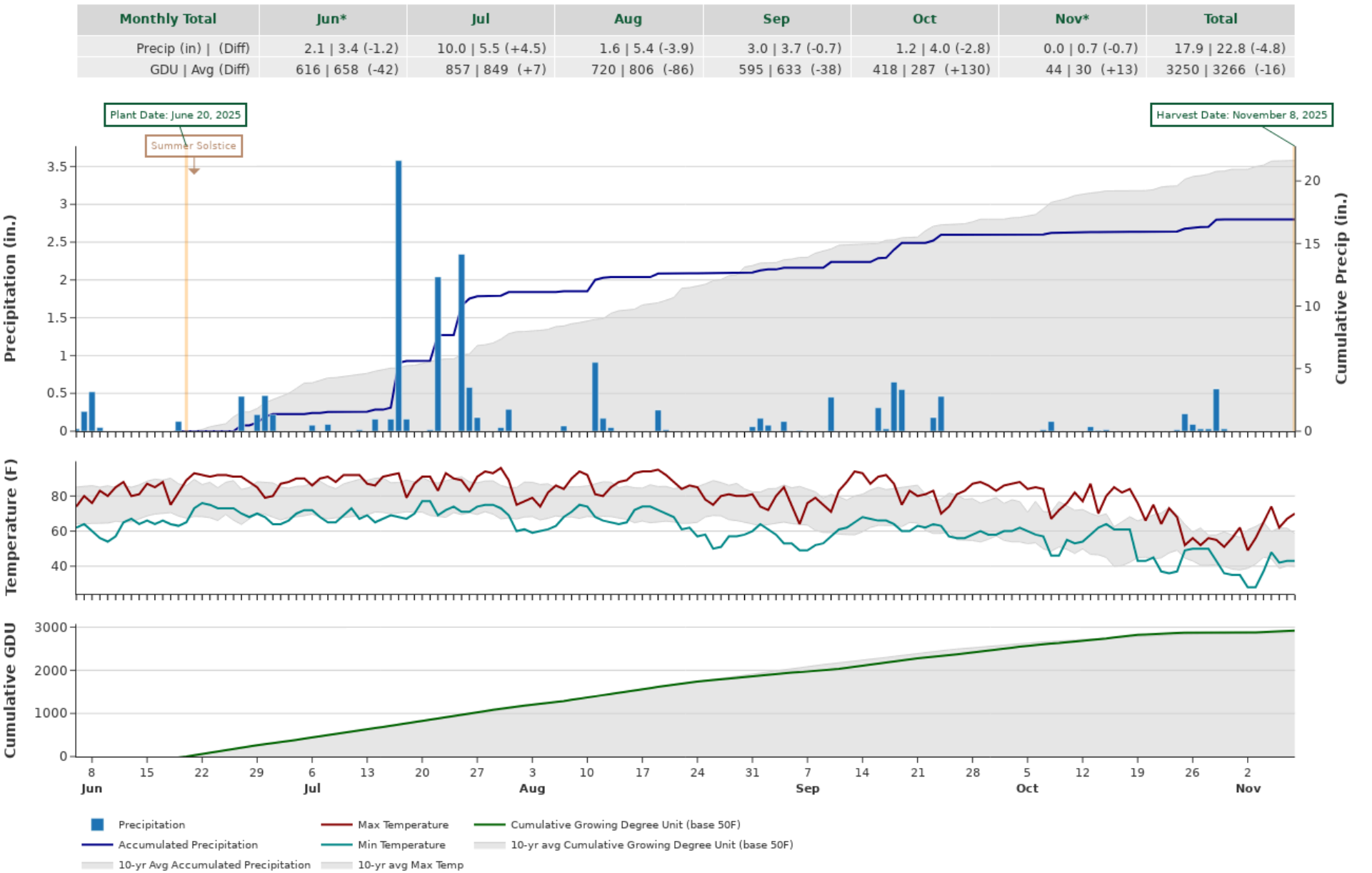
Prices: GMO = \$9.50

† 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](http://www.firstseedtests.com).

2025 Soybeans - Kansas East Central [ KSEC ]

Weather Conditions Summary at SPRING HILL, KS

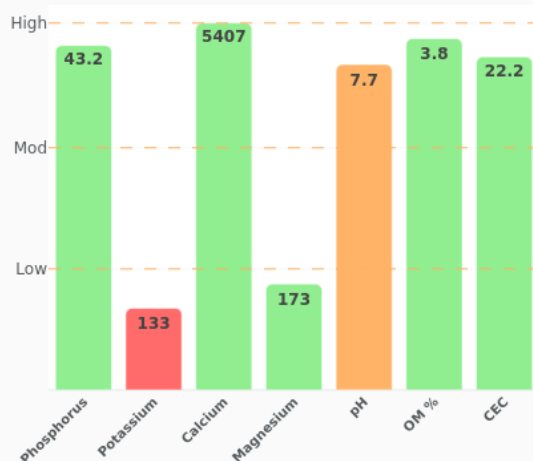
Weather Data Retrieved: 11/10/2025



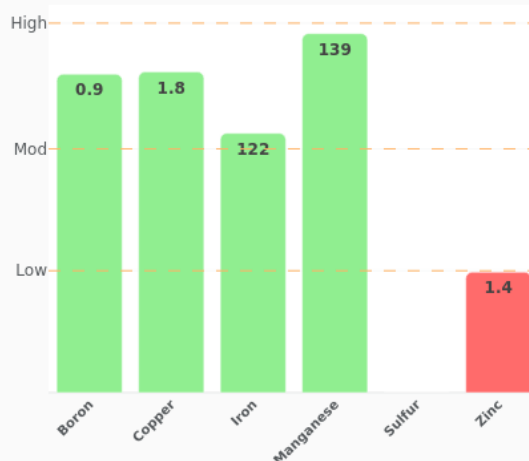
\* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

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.

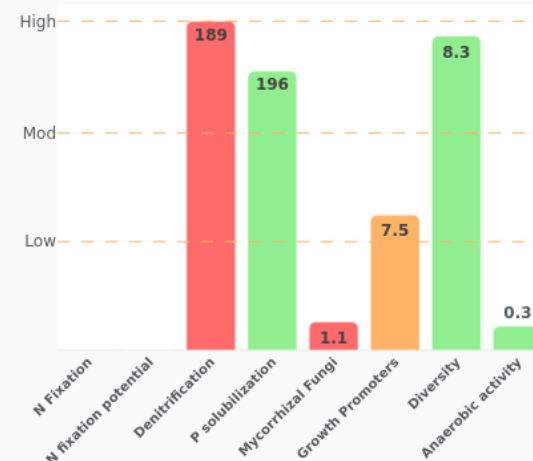
### Macronutrients



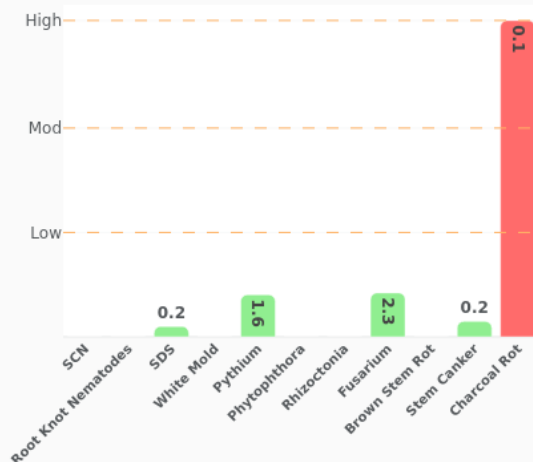
### Micronutrients



### 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.