

Test by: Agri Seed Research, LLC Louisburg, KS

## 2024 Soybeans Top 30 Harvest Report

Kansas East Central [KSEC] BALDWIN CITY, KS  
Luke Ulrich, Douglas County, KS 66006

<b>All-Season Test</b>	Maturity Group <b>3.7 - 4.7</b> S2024KSEC04
<b>Top 25 of 25</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Glyphosate, 2,4-D, Atrazine, Acetochlor
<b>SOIL DESCRIPTION:</b>	Vinland Complex silty clay loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	very high P, medium K, 6.7 pH, 3.7% OM, 19.1 CEC
<b>TILLAGE/CULTIVATION:</b>	No-Till
<b>PEST MANAGEMENT:</b>	Glyphosate, Zidua, Liberty
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 30 145.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 27 135.5 /A

### TEST COMMENTS:

*This site was planted into a no-till seedbed and emerged nicely thanks to rains right after planting. June and July brought timely rains with over four inches around the fourth of July. August and early September were hot and dry. Plants were standing well at harvest with no disease pressure seen. Good weed control.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Asgrow	AG40XF1 § ↗	RXF,ST	4.0	R	<b>51.6</b>	8.4	0	135.7	501	1
Xitavo	XO 4132E ↗	E3	4.1	M	50.3	8.6	0	135.7	488	2
Hoegemeyer	4525 E ↗	E3	4.5	M	50.2	8.6	0	135.7	487	3
Mustang	41E324 GC ↗	E3	4.1	M	50.0	8.7	0	137.3	485	4
Hoegemeyer	3825 E ↗	E3	3.8	M	49.9	8.2	0	132.3	484	5
Xitavo	XO 4255E ↗	E3,ST	4.2	M	49.9	8.5	0	130.7	484	6
Hoegemeyer	4355 BE ↗	E3,ST	4.3	M	49.8	8.8	0	134.0	483	7
Genesis	G3890E § ↗	E3	3.8	M	49.6	8.7	0	137.3	481	8
Stine	42EG23 § ↗	E3	4.2	M	49.4	8.9	0	134.0	479	9
Xitavo	XO 3855E ↗	E3,ST	3.8	M	49.1	8.5	0	136.5	475	10
Asgrow	AG42XF4 § ↗	RXF,ST	4.2	R	48.6	8.5	0	136.5	471	11
Xitavo	XO 4405E ↗	E3	4.4	M	48.3	8.6	0	134.0	469	12
Mustang	XFS47225 ↗	RXF,ST	4.7	M	47.9	8.6	0	134.0	465	13
Pioneer	P45Z75E § ↗	E3	4.5	NA	47.8	8.5	0	137.3	464	14
Mustang	42E225 GC ↗	E3	4.2	M	47.5	8.4	0	135.7	461	15
Mustang	47E323 ↗	E3	4.7	M	47.4	8.1	0	137.3	460	16
Golden Harvest	GH4433E3S § ↗	E3,ST	4.4	M	47.2	8.2	0	135.7	458	17
Stine	46EG92 § ↗	E3	4.6	M	47.1	8.8	0	135.7	457	18
Pioneer	P45A81E § ↗	E3	4.5	R	47.0	8.6	0	137.3	456	19
Asgrow	AG39XF3 § ↗	RXF	3.9	R	46.9	8.0	0	135.7	455	20
Golden Harvest	GH4214E3S § ↗	E3,ST	4.2	M	46.9	8.6	0	140.7	455	21
Stine	37EG23 § ↗	E3	3.7	M	46.7	8.3	0	134.0	453	22
Genesis	G4080ES ↗	E3,ST	4.0	R	45.5	8.1	0	134.0	441	23
Pioneer	P47Z15BE § ↗	E3,ST	4.7	NA	43.7	8.6	0	134.0	424	24
Mustang	XFS46825 ↗	RXF,ST	4.6	M	43.6	8.6	0	136.5	423	25

<i>Adam Stuteville</i>					<b>Averages =</b>	<b>48.1</b>	<b>8.5</b>	<b>135.5</b>	<b>466</b>
					<b>LSD (0.10) =</b>	2.4	0.3	ns	
					<b>LSD (0.25) =</b>	1.3	0.1	ns	
					<b>C.V. =</b>	4.7			
adam.stuteville@firstseedtests.com, (913) 206-6080					Historic yield: 45.89 bu/a, 8 yr(s)				

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$9.70

Report Date: 10/31/2024

† 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. ↗ Links to full product yield results at [www.firstseedtests.com](http://www.firstseedtests.com)

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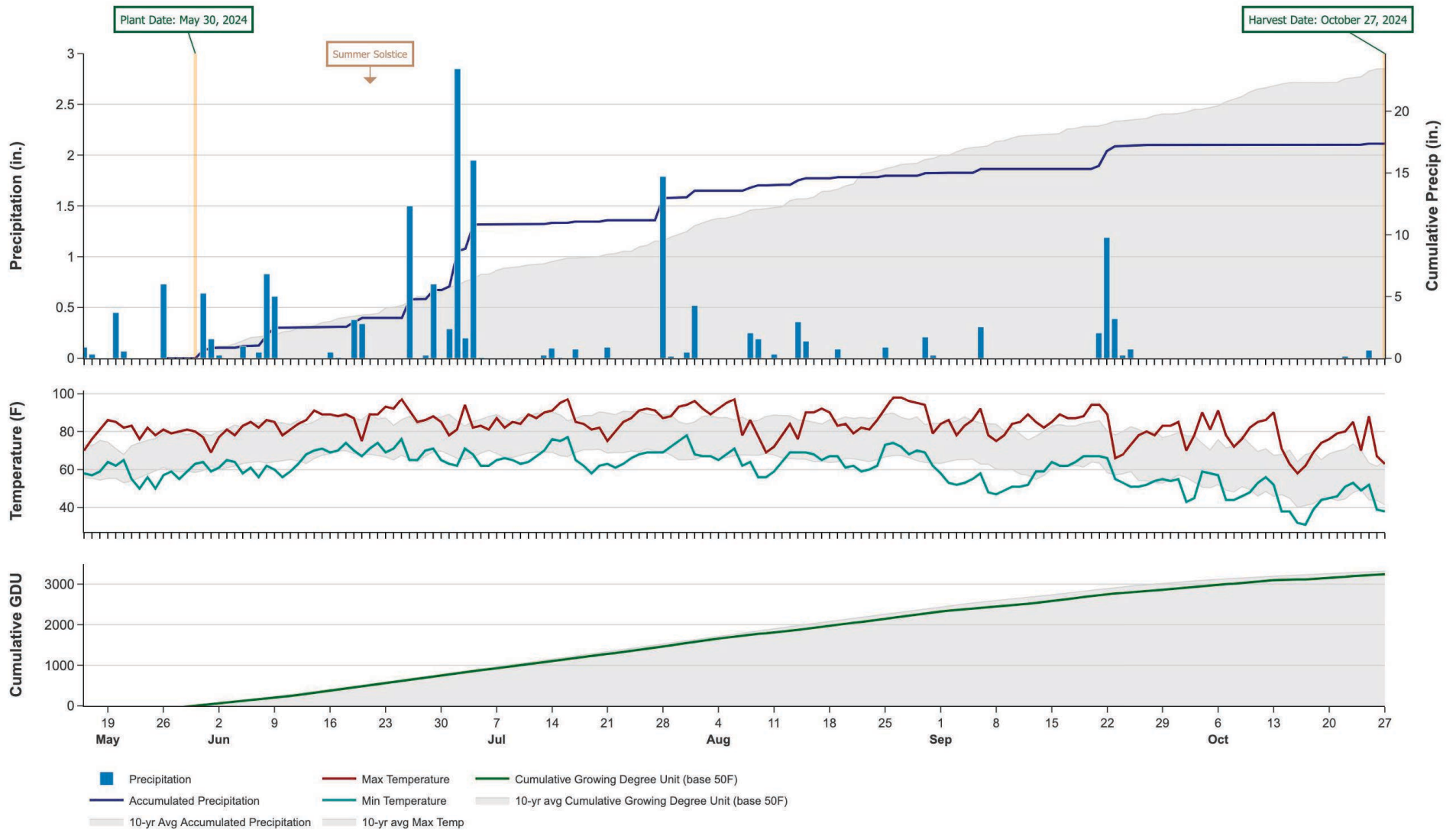
Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

# 2024 Soybeans - Kansas East Central [ KSEC ]

## Weather Conditions Summary at BALDWIN CITY, KS

Weather Data Retrieved: 10/31/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	2.0   5.0 (-2.9)	4.9   4.9 (0.0)	7.5   4.8 (+2.7)	2.0   5.9 (-3.9)	2.3   3.6 (-1.3)	0.1   3.7 (-3.6)	18.8   27.8 (-9.0)
GDU   Avg (Diff)	305   260 (+44)	742   752 (-10)	790   837 (-47)	752   799 (-47)	574   622 (-48)	365   287 (+77)	3528   3559 (-31)



\* 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.

## 2024 Soybeans - Kansas East Central [ KSEC ]

### All-Season Test Products (25 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG39XF3 §	RXF	R	3.9	ACi,IL
Asgrow	AG40XF1 §	RXF,ST	R	4.0	ACi,IL
Asgrow	AG42XF4 §	RXF,ST	R	4.2	ACi,IL
Genesis	G3890E §	E3	M	3.8	EcTC,SA
Genesis	G4080ES	E3,ST	R	4.0	EcTC,SA
Golden Harvest	GH4214E3S §	E3,ST	M	4.2	CMB-APX,SA
Golden Harvest	GH4433E3S §	E3,ST	M	4.4	CMB-APX,SA
Hoegemeyer	3825 E	E3	M	3.8	Lum, LumT, IL
Hoegemeyer	4355 BE	E3,ST	M	4.3	Lum, LumT, IL
Hoegemeyer	4525 E	E3	M	4.5	Lum, LumT, IL
Mustang	41E324 GC	E3	M	4.1	CMB-APX,SA
Mustang	42E225 GC	E3	M	4.2	CMB-APX,SA
Mustang	47E323	E3	M	4.7	CMB-APX,SA
Mustang	XFS46825	RXF,ST	M	4.6	CMB-APX,SA
Mustang	XFS47225	RXF,ST	M	4.7	CMB-APX,SA
Pioneer	P45A81E §	E3	R	4.5	Lum, LumT, IL
Pioneer	P45Z75E §	E3	NA	4.5	Lum, LumT, IL
Pioneer	P47Z15BE §	E3,ST	NA	4.7	Lum, LumT, IL
Stine	37EG23 §	E3	M	3.7	TFX1,SA
Stine	42EG23 §	E3	M	4.2	TFX1,SA
Stine	46EG92 §	E3	M	4.6	TFX1,SA
Xitavo	XO 3855E	E3,ST	M	3.8	PV,IL,OB,Rey
Xitavo	XO 4132E	E3	M	4.1	PV,IL,OB,Rey
Xitavo	XO 4255E	E3,ST	M	4.2	PV,IL,OB,Rey
Xitavo	XO 4405E	E3	M	4.4	PV,IL,OB,Rey

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

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CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.
§	United Soybean Board sponsored entry

### 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

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E3	Enlist E3®
RXF	XtendFlex®
ST	Sulfonylurea tolerant

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### Soybeans Seed Treatments\*

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NA	Not Available
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®
TFX1,SA	Stine MyYield, Saltro

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\* Seed treatments may include unspecified plant health promoting components.