

Test by: Performance Crop Research Great Bend, KS

## 2024 Soybeans Top 30 Harvest Report

Kansas Central [KSCE] OAKLEY, KS

Troy Sporer, Thomas County, KS

<b>All-Season Test</b>	Maturity Group <b>3.4 - 4.7</b> S2024KSCE04
<b>Top 24 of 24</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Liberty, Glyphosate, Laudis, Roundup, Atrazine
<b>SOIL DESCRIPTION:</b>	Ulysses silt loam, well drained, irrigated
<b>SOIL CONDITION:</b>	medium P, very high K, 7.3 pH, 2.8% OM, 20.3 CEC
<b>TILLAGE/CULTIVATION:</b>	Minimum W/ Fall Till
<b>PEST MANAGEMENT:</b>	Glyphosate, Flumi Sx5, Liberty, Fulltime Nxt
<b>FERTILITY - Applied N:</b>	10 Spring
<b>Applied N-P-K (units):</b>	10-0-0
<b>SEEDED - RATE - ROW:</b>	Apr 24 140.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 5 60.8 /A

### TEST COMMENTS:

*This field experienced stand variability that was observed at the time of stand counts in May. We do not believe it was herbicide carryover and may have been a drifting issue from a neighbor. The location had great control of disease, insect, and weed pressure. This site has a limited irrigation well, but it provided adequate moisture for a successful crop. There were no issues with planting or harvest. The test data were rejected due to high yield variability causing insignificant differences among varieties.*

Company/Brand	Product/Brand	Yield 1	HR	ECN Seed	Yield Buck 1	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Klann	KD 8000E +	63.87	3.8	W	76.8	6.5	0	46.0	770	1
Klann	KD 4100E +	63	4.1	W	76.4	6.1	0	75.0	708	2
Chancellor	372100P GC +	60P	3.7	W	69.9	4.9	0	36.0	700	3
Garden of Eatin'	GR6430E30 g +	63.87	4.4	W	67.8	6.1	0	51.7	681	4
Agripro	AG420P4 g +	60P.87	4.2	W	67.6	6.3	0	55.0	678	5
Garden of Eatin'	GR6620P4 g +	60P.87	4.6	W	66	5.8	0	61.7	676	6
Klann	KD 4200E +	63.87	4.2	W	65.7	6.5	0	66.0	668	7
Klann	KD 8000E +	63.87	3.8	W	65.5	6.1	0	61.0	668	8
Klann	KD 4000E +	63	3.4	W	60.0	4.4	0	62.7	600	9
Garden of Eatin'	GR6770E30 g +	63.87	4.1	W	67.1	6.1	0	72.7	676	10
Hoegaeyer	420 E +	63	4.5	W	66.0	7.0	0	66.0	676	11
Hoegaeyer	420 SE +	63.87	4.3	W	66.0	7.0	0	75.0	672	12
Agripro	AG400P1 g +	60P	4.0	W	65.0	4.2	0	36.7	636	13
Agripro	AG400P3 g +	60P	4.0	W	61.5	6.0	0	63.7	618	14
Klann	KD 8000E +	63	3.8	W	61.1	6.5	0	66.7	614	15
Planor	PL4000E g +	63	3.7	W	61.0	6.2	0	61.0	610	16
Munyang	MF3200E2 +	60P.87	3.5	W	49.9	6.2	0	36.0	601	17
Stone	4200E2 g +	63	4.2	W	47.8	7.8	0	60.7	480	18
Planor	PL4000E g +	63	3.8	W	46.9	6.2	0	12.0	471	19
Planor	PL4000E g +	63	4.0	W	46.7	6.1	0	12.0	448	20
Hoegaeyer	360 E +	63	3.6	W	44.4	6.8	0	60.0	448	21
Stone	3700E2 g +	63	3.7	W	42.9	4.9	0	36.0	401	22
Munyang	MF3200E2 +	60P.87	3.9	W	38.5	6.5	0	36.0	286	23
Stone	4000E2 g +	63	4.0	W	38.9	12.0	0	67.0	188	24

REJECTED

<i>Melissa Nelson</i>	Averages =	<b>54.5</b>	<b>6.5</b>		<b>60.8</b>	<b>547</b>
Melissa Nelson	LSD (0.10) =	15.5	ns	ns		
melissa.nelson@firstseedtests.com, (785) 851-0061	LSD (0.25) =	8.1	ns	ns		
	C.V. =	26.7				Historic yield: new site

<b>Yield &amp; Income Factors:</b>	Base Moisture = 13.0%	Shrink = 1.0	Drying = \$0.04	Prices: GMO = \$10.05
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Report Date: 10/08/2024

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

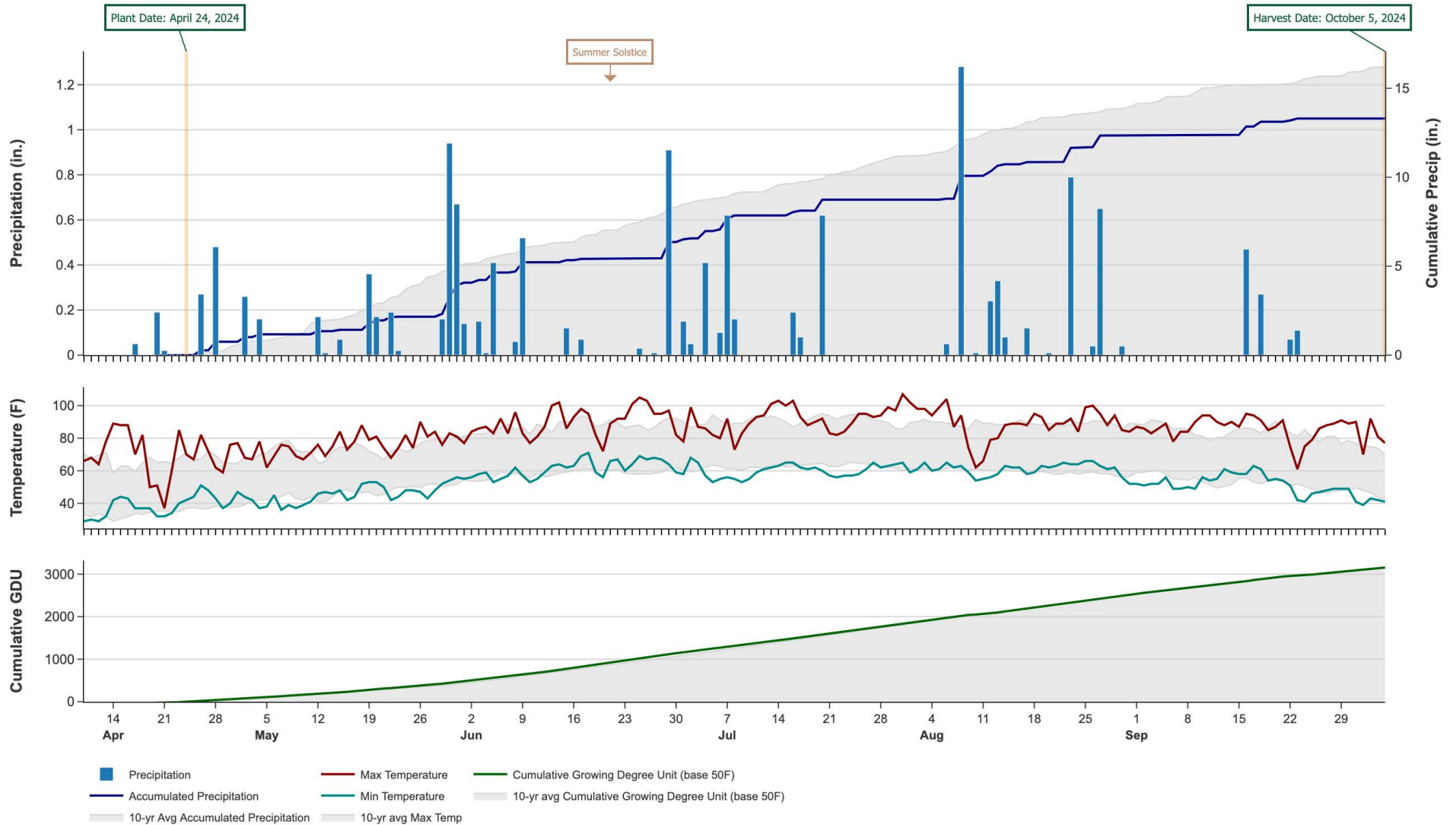
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly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

# 2024 Soybeans - Kansas Central [ KSCE ]

## Weather Conditions Summary at OAKLEY, KS

Weather Data Retrieved: 10/08/2024

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	1.0   1.4 (-0.4)	3.2   4.6 (-1.4)	2.4   3.3 (-0.8)	2.4   2.9 (-0.5)	3.6   2.8 (+0.9)	0.9   2.0 (-1.0)	0.0   0.3 (-0.3)	13.6   17.1 (-3.6)
GDU   Avg (Diff)	176   127 (+48)	406   362 (+43)	680   652 (+27)	692   750 (-58)	690   704 (-14)	556   550 (+5)	75   60 (+14)	3275   3208 (+66)



\* 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 Central [ KSCE ]

### All-Season Test Products (24 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
Channel	3721RXF GC	RXF	MR	3.7	Untreated
Golden Harvest	GH4433E3S §	E3,ST	M	4.4	CMB-APX,SA
Golden Harvest	GH4663XFS §	RXF,ST	M	4.6	CMB-APX,SA
Golden Harvest	GH4775E3S §	E3,ST	M	4.7	CMB-APX,SA
Hoegemeyer	3605 E	E3	M	3.6	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	XFS38623	RXF,ST	M	3.8	CMB-APX,SA
Mustang	XFS39123	RXF,ST	M	3.9	CMB-APX,SA
Pioneer	P38A54E §	E3	NA	3.8	Lum, LumT, IL
Pioneer	P40A23E §	E3	NA	4.0	Lum, LumT, IL
Pioneer	P42A84E §	E3	R	4.2	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 3655E	E3,ST	M	3.6	PV,IL,OB,Rey
Xitavo	XO 3855E	E3,ST	M	3.8	PV,IL,OB,Rey
Xitavo	XO 3922E	E3	M	3.9	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 Rating

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S	susceptible
MR	moderate resistance
R	resistant
n/a	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®
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
TFX1,SA	Stine MyYield, Saltro
Untreated	No seed treatment

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