

Test by: Performance Crop Research Great Bend, KS

## 2024 Soybeans Top 30 Harvest Report

Kansas Central [KSCE] HUDSON, KS

Pepelton Family Trust, Betty Pepelton, Stafford County, KS

<b>All-Season Test</b>	Maturity Group <b>3.4 - 4.7</b> S2024KSCE02
<b>Top 24 of 24</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Unknown
<b>SOIL DESCRIPTION:</b>	Pratt loamy sand, well drained, irrigated
<b>SOIL CONDITION:</b>	very high P, high K, 6.0 pH, 1.0% OM, 4.7 CEC
<b>TILLAGE/CULTIVATION:</b>	No-Till
<b>PEST MANAGEMENT:</b>	Liberty, Warrant, 2,4-D Lv6, Flumi Sx5, Tundra, Cornerstone 5
<b>FERTILITY - Applied N:</b>	40 Planter, 60 Foliar Rescue
<b>Applied N-P-K (units):</b>	100-0-0
<b>SEEDED - RATE - ROW:</b>	Apr 28 140.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 4 114.5 /A

### TEST COMMENTS:

Overall great field site in terms of minimal field variation. This field is very sandy and the farmer focuses his fertility program on not allowing the nutrients to leach. The field did get timely rains, but still required supplemental irrigation via center pivot. Moistures varied between varieties more at this location than the others harvested thus far from the Central Kansas region.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hoegemeyer	4355 BE ↗	E3,ST	4.3	M	<b>88.7</b>	17.3	0	111.5	852	1
Asgrow	AG39XF3 § ↗	RXF	3.9	R	<b>76.0</b>	6.5	0	113.3	743	2
Stine	46EG92 § ↗	E3	4.6	M	<b>74.3</b>	13.0	0	126.5	727	3
Golden Harvest	GH4663XFS § ↗	RXF,ST	4.6	M	<b>73.8</b>	11.3	0	109.3	722	4
Asgrow	AG42XF4 § ↗	RXF,ST	4.2	R	<b>72.1</b>	8.4	0	118.3	705	5
Xitavo	XO 4405E ↗	E3	4.4	M	<b>67.8</b>	24.9	0	115.3	631	12
Mustang	XFS38623 ↗	RXF,ST	3.8	M	67.1	7.0	0	107.3	656	6
Xitavo	XO 4132E ↗	E3	4.1	M	66.9	8.4	0	112.3	654	7
Hoegemeyer	4525 E ↗	E3	4.5	M	66.2	13.7	0	127.5	646	8
Pioneer	P42A84E § ↗	E3	4.2	R	65.9	13.1	0	122.0	644	9
Asgrow	AG40XF1 § ↗	RXF,ST	4.0	R	65.4	11.0	0	115.0	640	10
Channel	3721RXF GC ↗	RXF	3.7	MR	65.4	7.2	0	119.0	640	11
Xitavo	XO 3922E ↗	E3	3.9	M	64.0	11.1	0	111.3	626	13
Stine	37EG23 § ↗	E3	3.7	M	63.6	7.3	0	118.0	622	14
Pioneer	P40A23E § ↗	E3	4.0	NA	63.5	7.6	0	103.3	621	15
Golden Harvest	GH4775E3S § ↗	E3,ST	4.7	M	62.7	6.5	0	100.0	613	16
Hoegemeyer	3605 E ↗	E3	3.6	M	62.5	7.8	0	120.0	611	17
Xitavo	XO 3655E ↗	E3,ST	3.6	M	61.0	5.9	0	111.3	597	18
Mustang	XFS39123 ↗	RXF,ST	3.9	M	58.3	7.1	0	116.3	570	19
Stine	42EG23 § ↗	E3	4.2	M	58.2	10.4	0	128.0	569	20
Xitavo	XO 3855E ↗	E3,ST	3.8	M	56.7	7.1	0	109.0	555	21
Xitavo	XO 4255E ↗	E3,ST	4.2	M	56.7	11.6	0	121.5	555	22
Pioneer	P38A54E § ↗	E3	3.8	NA	47.4	6.8	0	109.3	464	23
Golden Harvest	GH4433E3S § ↗	E3,ST	4.4	M	45.4	9.6	0	103.0	444	24

*Melissa Nelson*

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Averages = **64.5** **9.9** **114.5** **629**

LSD (0.10) = 7.4 3.0 ns

LSD (0.25) = 3.8 1.6 ns

C.V. = 10.7

Historic yield: new site

### Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.0

Drying = \$0.04

Prices: GMO = \$9.78

Report Date: 10/06/2024

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)

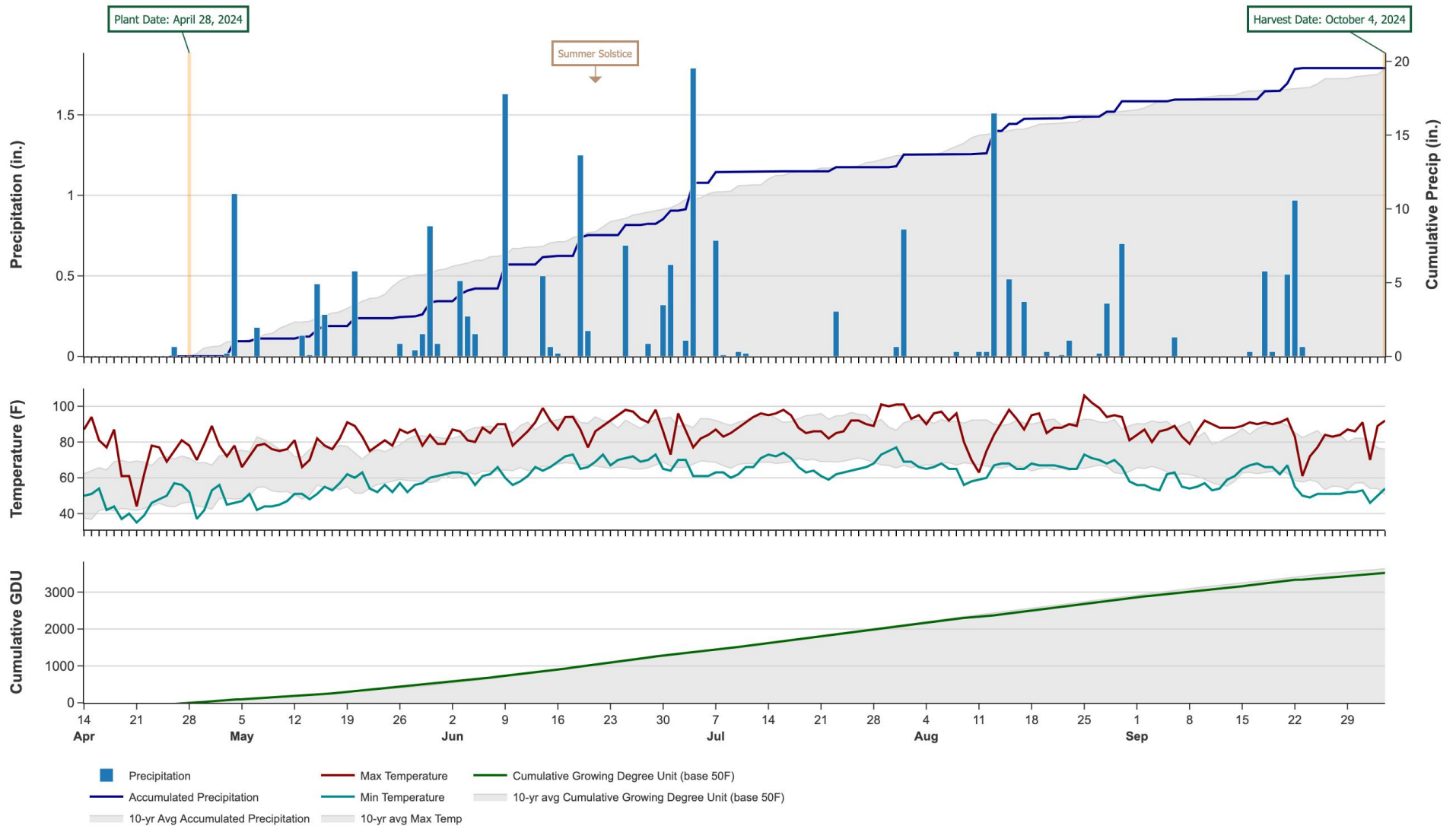
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# 2024 Soybeans - Kansas Central [ KSCE ]

## Weather Conditions Summary at HUDSON, KS

Weather Data Retrieved: 10/06/2024

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	0.1   2.3 (-2.2)	3.7   5.3 (-1.5)	5.6   4.1 (+1.5)	3.6   3.7 (-0.1)	4.4   3.1 (+1.3)	2.2   2.3 (-0.0)	0.0   0.6 (-0.6)	19.6   21.2 (-1.6)
GDU   Avg (Diff)	208   150 (+57)	503   472 (+30)	755   761 (-6)	791   842 (-51)	771   805 (-34)	610   668 (-58)	68   65 (+2)	3706   3766 (-60)



\* 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.