

Test by: Agri Seed Research, LLC Louisburg, KS

## 2024 Soybeans Top 30 Harvest Report

Kansas Northeast [KSNE] HOLTON, KS


Dave Royer, Jackson County, KS

<b>All-Season Test</b>	Maturity Group <b>3.4 - 4.4</b> S2024KSNE05
<b>Top 28 of 28</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Glyphosate, Degree, Atrazine
<b>SOIL DESCRIPTION:</b>	Wabash silty clay, poorly drained, non-irrigated
<b>SOIL CONDITION:</b>	very high P, medium K, 6.3 pH, 3.8% OM, 19.9 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/O Fall Till
<b>PEST MANAGEMENT:</b>	Glyphosate, Sharpen, Metribuzin, S-Metolachlor
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 24 145.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 18 140.1 /A

### TEST COMMENTS:

*This site was planted into a clean seedbed that had plenty of moisture. Plants emerged fast and had an even stand. June brought a wet spell with warm temperatures. July and August had some timely rain showers, the August showers really came at a critical time. September was hot with little rain. Plants were standing well at harvest with very little disease pressure seen.*

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>72.2</b>	7.9	0	135.7	700	1
Xitavo	XO 4255E ↗	E3,ST	4.2	M	<b>71.9</b>	8.4	0	137.3	697	2
Hoegemeyer	3605 E ↗	E3	3.6	M	<b>71.2</b>	8.2	0	140.7	691	3
Golden Harvest	GH4093E3 ↗	E3	4.0	M	<b>70.8</b>	8.2	0	140.7	687	4
Stine	42EG23 § ↗	E3	4.2	M	<b>70.1</b>	8.3	0	139.0	680	5
Mustang	38E825 ↗	E3	3.8	M	<b>70.0</b>	8.0	0	144.0	679	6
Xitavo	XO 3655E ↗	E3,ST	3.6	M	69.7	8.1	0	142.3	676	7
Genesis	G3890E ↗	E3	3.8	M	69.4	8.0	0	142.3	673	8
Xitavo	XO 3752E ↗	E3,ST	3.7	R	68.9	8.1	0	142.3	668	9
Golden Harvest	GH4214E3S § ↗	E3,ST	4.2	M	<b>68.8</b>	8.0	0	140.7	667	10
Mustang	XF42724 ↗	RXF	4.2	M	<b>68.4</b>	8.1	0	142.3	663	11
Mustang	42E225 § ↗	E3	4.2	M	<b>66.9</b>	8.3	0	140.7	649	12
Golden Harvest	GH4222XF § ↗	RXF	4.2	M	<b>66.5</b>	8.3	0	139.0	645	13
Mustang	39ES925 ↗	E3,ST	3.9	M	<b>65.9</b>	8.3	0	139.0	639	14
Mustang	41E324 ↗	E3	4.1	M	<b>65.5</b>	8.1	0	139.0	635	15
Hoegemeyer	4355 BE ↗	E3,ST	4.3	M	<b>65.4</b>	8.3	0	140.7	634	16
Mustang	XFS39123 ↗	RXF,ST	3.9	M	<b>65.4</b>	8.2	0	140.7	634	17
Mustang	XF38725 ↗	RXF	3.8	M	<b>65.1</b>	8.4	0	140.7	631	18
Xitavo	XO 4132E ↗	E3	4.1	M	<b>64.9</b>	7.9	0	135.7	630	19
Hoegemeyer	3825 E ↗	E3	3.8	M	<b>64.8</b>	7.7	0	142.3	629	20
Pioneer	P37A18E § ↗	E3	3.7	MR	<b>64.8</b>	8.2	0	144.0	629	21
Genesis	G4080ES ↗	E3,ST	4.0	R	<b>62.8</b>	8.0	0	137.3	609	22
Asgrow	AG39XF3 § ↗	RXF	3.9	R	<b>62.6</b>	8.9	0	140.7	607	23
Asgrow	AG42XF4 § ↗	RXF,ST	4.2	R	<b>61.9</b>	8.1	0	135.7	600	24
Golden Harvest	GH3913XF § ↗	RXF	3.9	M	<b>61.3</b>	8.1	0	139.0	595	25
Stine	37EG23 § ↗	E3	3.7	M	<b>60.9</b>	8.3	0	139.0	591	26
Mustang	35ES325 § ↗	E3,ST	3.5	M	<b>58.4</b>	8.5	0	140.7	566	27
Stine	35EG92 § ↗	E3	3.5	M	<b>48.4</b>	8.1	0	142.3	469	28

	Averages =	<b>65.8</b>	<b>8.2</b>	<b>140.1</b>	<b>638</b>
Adam Stuteville	LSD (0.10) =	4.4	ns	ns	
	LSD (0.25) =	2.3	ns	ns	
adam.stuteville@firstseedtests.com, (913) 206-6080	C.V. =	6.3			Historic yield: 49.43 bu/a, 10 yr(s)

<b>Yield &amp; Income Factors:</b>	Base Moisture = 13.0%	Shrink = 1.3	Drying = \$0.04	Prices: GMO = \$9.70
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Report Date: 10/21/2024

† 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)

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

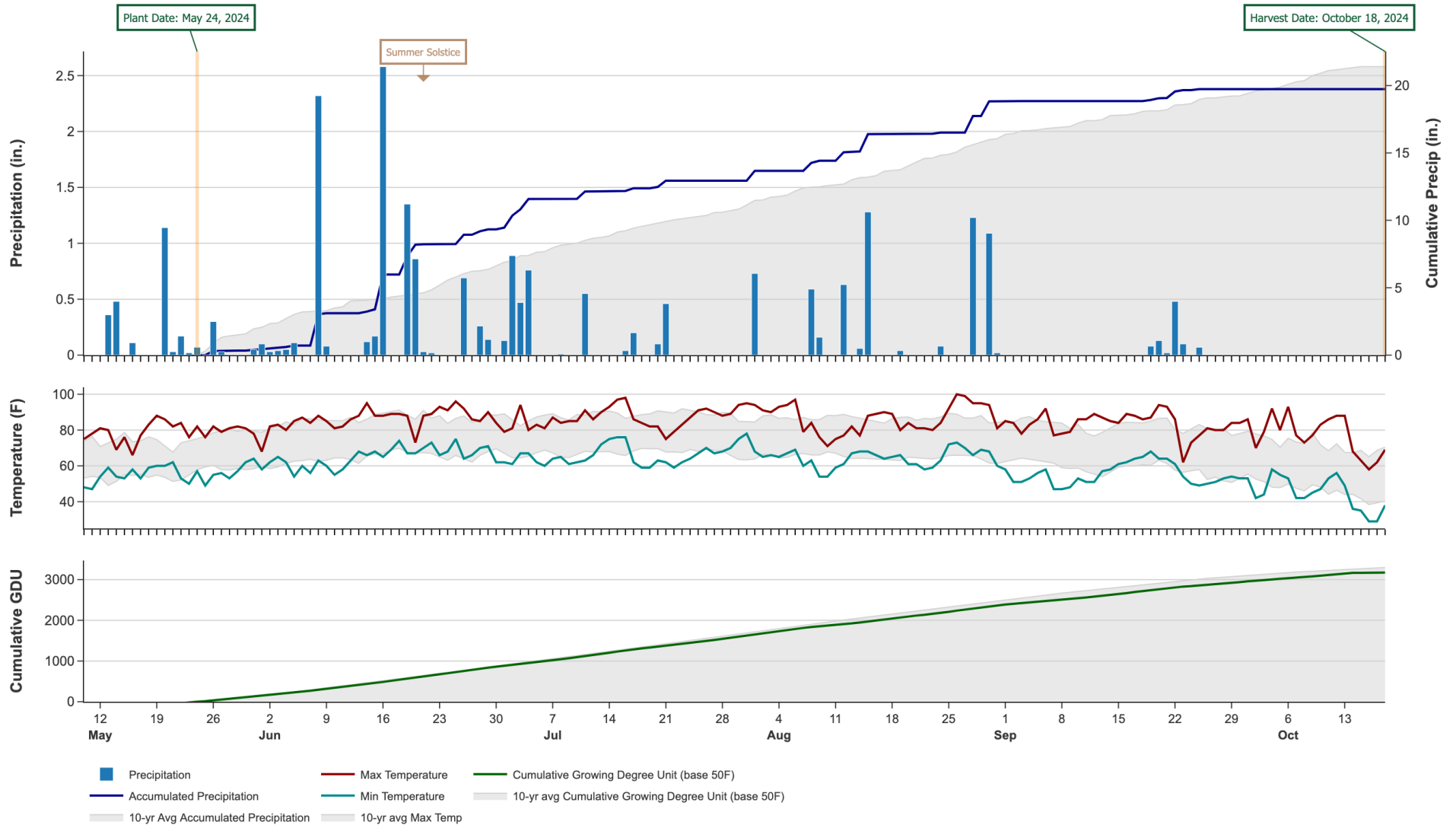
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# 2024 Soybeans - Kansas Northeast [ KSNE ]

## Weather Conditions Summary at HOLTON, KS

Weather Data Retrieved: 10/21/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	2.8   5.2 (-2.5)	8.9   4.7 (+4.3)	3.6   4.5 (-0.9)	5.9   4.9 (+1.0)	0.9   3.2 (-2.3)	0.0   2.2 (-2.2)	22.1   24.7 (-2.6)
GDU   Avg (Diff)	384   338 (+45)	732   744 (-12)	774   819 (-45)	732   782 (-50)	572   612 (-40)	235   204 (+30)	3429   3501 (-72)



\* 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 Northeast [ KSNE ]

### All-Season Test Products (28 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	GH3913XF §	RXF	M	3.9	CMB-APX,SA
Golden Harvest	GH4093E3	E3	M	4.0	CMB-APX,SA
Golden Harvest	GH4214E3S §	E3,ST	M	4.2	CMB-APX,SA
Golden Harvest	GH4222XF §	RXF	M	4.2	CMB-APX,SA
Hoegemeyer	3605 E	E3	M	3.6	Lum, LumT, IL
Hoegemeyer	3825 E	E3	M	3.8	Lum, LumT, IL
Hoegemeyer	4355 BE	E3,ST	M	4.3	Lum, LumT, IL
Mustang	35ES325 §	E3,ST	M	3.5	CMB-APX,SA
Mustang	38E825	E3	M	3.8	CMB-APX,SA
Mustang	39ES925	E3,ST	M	3.9	CMB-APX,SA
Mustang	41E324	E3	M	4.1	CMB-APX,SA
Mustang	42E225 §	E3	M	4.2	CMB-APX,SA
Mustang	XF38725	RXF	M	3.8	CMB-APX,SA
Mustang	XF42724	RXF	M	4.2	CMB-APX,SA
Mustang	XFS39123	RXF,ST	M	3.9	CMB-APX,SA
Pioneer	P37A18E §	E3	MR	3.7	Lum, LumT, IL
Stine	35EG92 §	E3	M	3.5	TFX1,SA
Stine	37EG23 §	E3	M	3.7	TFX1,SA
Stine	42EG23 §	E3	M	4.2	TFX1,SA
Xitavo	XO 3655E	E3,ST	M	3.6	PV,IL,OB,Rey
Xitavo	XO 3752E	E3,ST	R	3.7	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

## 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.