

Test by: Agri Seed Research, LLC Louisburg, KS

## 2024 Soybeans Top 30 Harvest Report

Kansas Northeast [KSNE] VERMILLION, KS  
Jack Boyle, Marshall County, KS 66544

<b>All-Season Test</b>	Maturity Group <b>3.4 - 4.4</b> S2024KSNE06
<b>Top 28 of 28</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Glyphosate, Metribuzin, Authority
<b>SOIL DESCRIPTION:</b>	Shelby clay loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	very high P, medium K, 6.7 pH, 3.7% OM, 19.3 CEC
<b>TILLAGE/CULTIVATION:</b>	No-Till
<b>PEST MANAGEMENT:</b>	Glyphosate, Authority, Liberty
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 23 145.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 14 136.8 /A

### TEST COMMENTS:

*This site was planted into a clean no-till seedbed and was very uniform at V2. June and July brought some timely rain showers. Late August and September were hot and dry. Some varieties still had a few green leaves but threshed easily and grain was dry. There was very little disease pressure and plants were standing well at harvest.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Golden Harvest	<i>GH4222XF § ↗</i>	RXF	4.2	M	<b>58.6</b>	8.4	0	135.7	568	1
Xitavo	XO 3752E ↗	E3,ST	3.7	R	<b>56.8</b>	8.6	0	134.0	551	2
Mustang	42E225 § ↗	E3	4.2	M	<b>56.6</b>	8.2	0	137.3	549	3
Golden Harvest	<i>GH3913XF § ↗</i>	RXF	3.9	M	<b>56.2</b>	8.0	0	140.7	545	4
Pioneer	P37A18E § ↗	E3	3.7	MR	<b>55.9</b>	8.2	0	137.3	542	5
Xitavo	XO 4255E ↗	E3,ST	4.2	M	<b>55.1</b>	8.0	0	134.0	534	6
Mustang	XF42724 ↗	RXF	4.2	M	54.4	8.3	0	140.7	528	7
Asgrow	AG42XF4 § ↗	RXF,ST	4.2	R	53.1	8.3	0	135.7	515	8
Genesis	G4080ES ↗	E3,ST	4.0	R	52.6	8.0	0	137.3	510	9
Genesis	G3890E ↗	E3	3.8	M	52.2	7.7	0	132.3	506	10
Mustang	XFS39123 ↗	RXF,ST	3.9	M	51.5	8.4	0	135.7	500	11
Hoegemeyer	3825 E ↗	E3	3.8	M	51.5	8.1	0	140.7	500	12
Asgrow	AG39XF3 § ↗	RXF	3.9	R	51.1	7.7	0	139.0	496	13
Hoegemeyer	3605 E ↗	E3	3.6	M	50.9	8.0	0	135.7	494	14
Mustang	39ES925 ↗	E3,ST	3.9	M	50.9	8.0	0	140.7	494	15
Asgrow	AG40XF1 § ↗	RXF,ST	4.0	R	50.3	8.3	0	137.3	488	16
Hoegemeyer	4355 BE ↗	E3,ST	4.3	M	49.9	8.1	0	132.3	484	17
Mustang	41E324 ↗	E3	4.1	M	49.8	8.0	0	135.7	483	18
Golden Harvest	<i>GH4214E3S § ↗</i>	E3,ST	4.2	M	49.5	8.7	0	135.7	480	19
Mustang	35ES325 § ↗	E3,ST	3.5	M	49.4	7.9	0	137.3	479	20
Golden Harvest	GH4093E3 ↗	E3	4.0	M	49.4	8.6	0	135.7	479	21
Mustang	38E825 ↗	E3	3.8	M	48.1	7.8	0	135.7	467	22
Xitavo	XO 3655E ↗	E3,ST	3.6	M	47.4	8.0	0	137.3	460	23
Stine	42EG23 § ↗	E3	4.2	M	47.4	8.7	0	137.3	460	24
Xitavo	XO 4132E ↗	E3	4.1	M	47.1	8.5	0	135.7	457	25
Stine	35EG92 § ↗	E3	3.5	M	46.9	8.3	0	139.0	455	26
Stine	37EG23 § ↗	E3	3.7	M	46.8	8.3	0	137.3	454	27
Mustang	XF38725 ↗	RXF	3.8	M	46.8	8.5	0	137.3	454	28



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Averages = **51.3** **8.2** **136.8** **498**

LSD (0.10) = 3.7 0.4 ns

LSD (0.25) = 1.9 0.2 ns

C.V. = 6.7

Historic yield: 50.33 bu/a, 11 yr(s)

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

Report Date: 10/15/2024

† 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)

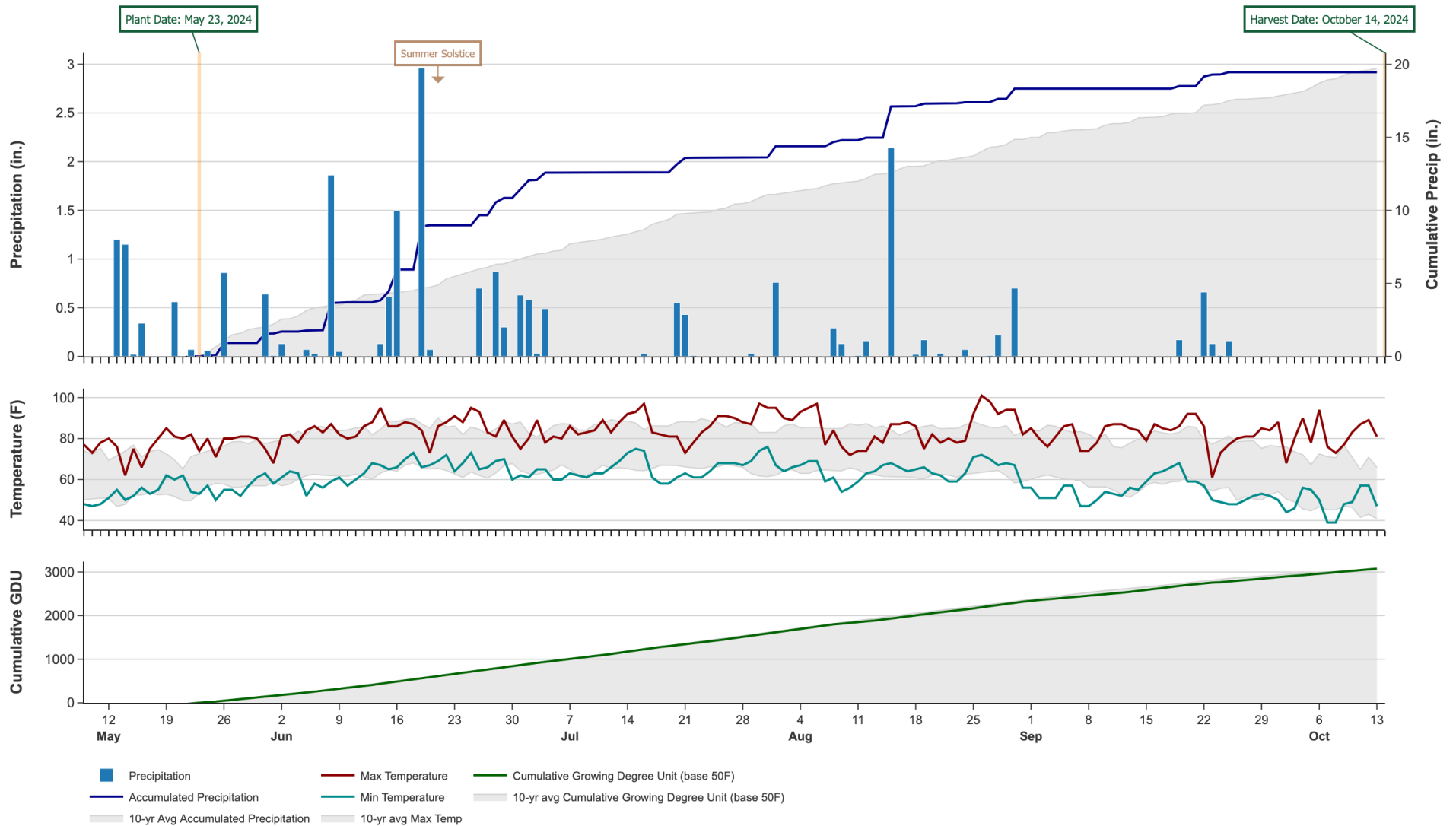
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# 2024 Soybeans - Kansas Northeast [ KSNE ]

## Weather Conditions Summary at VERMILLION, KS

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	4.9   4.3 (+0.6)	9.3   4.5 (+4.8)	2.8   4.6 (-1.8)	4.7   3.8 (+0.9)	1.1   2.9 (-1.7)	0.0   2.0 (-2.0)	22.8   22.1 (+0.7)
GDU   Avg (Diff)	368   313 (+54)	714   707 (+6)	748   777 (-29)	718   738 (-20)	546   564 (-18)	210   141 (+68)	3304   3243 (+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 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.