

Test by: Agri Seed Research, LLC Louisburg, KS

## 2023 Soybeans Top 30 Harvest Report

Kansas Northeast [KSNE] ONAGA, KS

Travis Greene, Pottawatomie County, KS 66418

<b>All-Season Test</b>	Maturity Group <b>3.4 - 4.4</b> S2023KSNE07
<b>Top 30 of 35</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Glyphosate, Authority
<b>SOIL DESCRIPTION:</b>	Tully silty clay loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	medium P, low K, 6.8 pH, 3.8% OM, 19.5 CEC
<b>TILLAGE/CULTIVATION:</b>	No-Till
<b>PEST MANAGEMENT:</b>	Glyphosate, Sonic, Sencor, Dual, Liberty
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 24 140.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 19 139.0 /A

### TEST COMMENTS:

*This site was planted into a clean seedbed with enough moisture for a quick emergence, and plot was uniform at V2. June was hot with little rain, and July brought a few showers. August and September were hot with some spotty showers. Plants were average height and standing well at harvest. Most varieties had pods with undeveloped soybeans. The yield potential was there, but lack of rain kept yields down. Great weed control.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Mustang	XF39123 ↗	RXF,ST	3.9	R	<b>50.5</b>	11.2	0	137.3	606	1
Genesis	G3880E ↗	E3	3.8	R	<b>49.3</b>	10.4	0	139.0	592	2
Xitavo	XO 3483E ↗	E3	3.4	MR	<b>49.1</b>	10.4	0	139.0	589	3
Mustang	39ES823 ↗	E3,ST	3.9	MR	<b>49.0</b>	10.7	0	145.7	588	4
Xitavo	XO 4364E ↗	E3,ST	4.3	R	<b>48.9</b>	10.6	0	139.0	587	5
Renk	RS353NXF ↗	RXF	3.5	R	<b>48.8</b>	10.4	0	137.3	586	6
Stine	40FD29 § ↗	RXF	4.0	R	<b>48.5</b>	10.9	0	140.7	582	7
Golden Harvest	GH4222XF ↗	RXF	4.2	R	48.2	10.3	0	142.3	578	8
Genesis	G4080ES ↗	E3,ST	4.0	R	47.9	10.6	0	134.0	575	9
Hoegemeyer	3894 E ↗	E3	3.8	R	47.9	10.9	0	140.7	575	10
Mustang	4122XFS ↗	RXF,ST	4.1	MR	47.8	10.7	0	134.0	574	11
Mustang	XF38623 ↗	RXF,ST	3.8	MR	47.4	10.6	0	137.3	569	12
Mustang	41E324 ↗	E3	4.1	R	47.3	10.4	0	137.3	568	13
Xitavo	XO 3861E ↗	E3,ST	3.8	R	47.3	10.7	0	140.7	568	14
Xitavo	XO 4084E ↗	E3,ST	4.0	R	47.2	10.8	0	142.3	566	15
Lewis	4211XF ↗	RXF,ST	4.2	R	47.1	10.7	0	135.7	565	16
Mustang	4260E3S ↗	E3,ST	4.2	MR	47.1	10.6	0	140.7	565	17
Hoegemeyer	4234 E ↗	E3	4.2	R	46.9	10.7	0	137.3	563	18
Golden Harvest	GH4214E3S § ↗	E3,ST	4.2	MR	46.8	10.4	0	140.7	562	19
Golden Harvest	GH4343XFS ↗	RXF,ST	4.3	R	46.3	10.8	0	137.3	556	20
Pioneer	P40A23E § ↗	E3	4.0	NA	45.8	10.3	0	135.7	550	21
Pioneer	P42A84E § ↗	E3	4.2	R	45.6	11.0	0	137.3	547	22
Xitavo	XO 3803E ↗	E3,ST	3.8	MR	45.1	10.5	0	137.3	541	23
Asgrow	AG39XF3 § ↗	RXF	3.9	R	45.0	10.7	0	134.0	540	24
NK Brand	NK39-M8XF ↗	RXF	3.9	R	45.0	11.2	0	137.3	540	25
Asgrow	AG44XF4 § ↗	RXF,ST	4.4	R	44.9	10.7	0	145.7	539	26
Asgrow	AG40XF1 § ↗	RXF,ST	4.0	R	44.2	10.8	0	144.0	530	27
Xitavo	XO 3752E ↗	E3,ST	3.7	R	43.8	10.7	0	139.0	526	28
Hoegemeyer	3544 E ↗	E3	3.5	R	43.5	10.8	0	139.0	522	29
Stine	37FD02 § ↗	RXF	3.7	R	43.4	10.7	0	139.0	521	30

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Averages = **46.3** **10.7** **139.0** **555**

LSD (0.10) = 2.1 0.2 ns

LSD (0.25) = 1.1 0.1 ns

C.V. = 4.3

Historic yield: 41.23 bu/a, 6 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$12.00

Report Date: 10/19/2023

† 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

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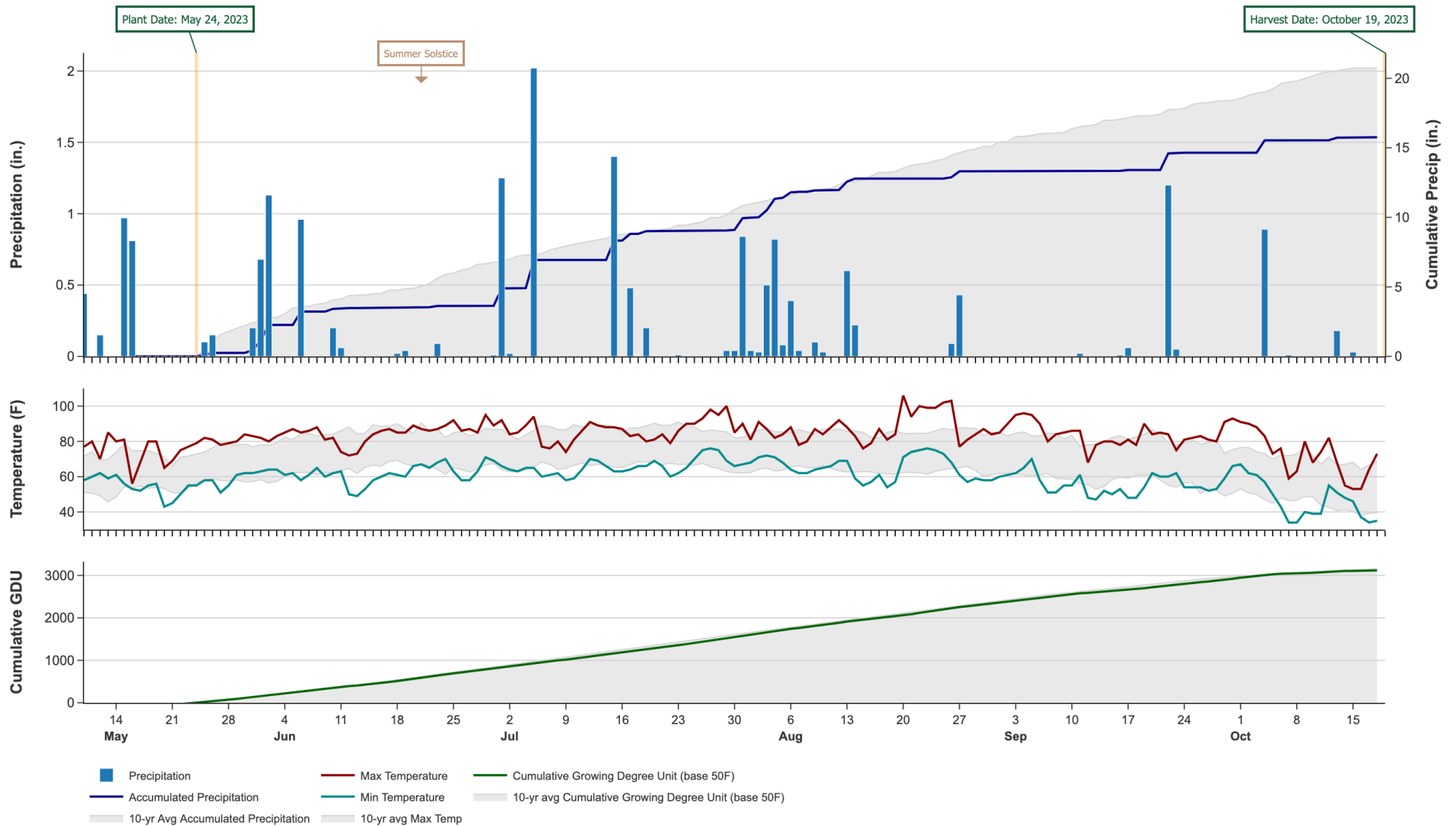
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# 2023 Soybeans - Kansas Northeast [ KSNE ]

## Weather Conditions Summary at ONAGA, KS

Weather Data Retrieved: 10/19/2023

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	2.8   4.9 (-2.1)	3.2   4.3 (-1.1)	6.3   4.1 (+2.2)	3.4   4.3 (-0.9)	1.3   3.3 (-2.0)	1.1   2.3 (-1.2)	18.1   23.2 (-5.1)
GDU   Avg (Diff)	364   310 (+53)	680   717 (-37)	764   793 (-29)	756   753 (+2)	583   579 (+3)	196   190 (+5)	3343   3345 (-2)



\* 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.

## 2023 Soybeans - Kansas Northeast [ KSNE ]

### All-Season Test Products (35 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	AG44XF4 §	RXF,ST	R	4.4	ACi,IL
Genesis	G3880E	E3	R	3.8	EcQ,NF,NH,SA
Genesis	G4080ES	E3,ST	R	4.0	EcQ,NF,NH,SA
Golden Harvest	GH3724XFS §	RXF,ST	MR	3.7	CMB-APX,SA
Golden Harvest	GH4214E3S §	E3,ST	MR	4.2	CMB-APX,SA
Golden Harvest	GH4222XF	RXF	R	4.2	CMB-APX,SA
Golden Harvest	GH4343XFS	RXF,ST	R	4.3	CMB-APX,SA
Hoegemeyer	3544 E	E3	R	3.5	Lum, LumT, IL
Hoegemeyer	3894 E	E3	R	3.8	Lum,Lu,IL
Hoegemeyer	4234 E	E3	R	4.2	Lum,Lu,IL
Lewis	3834XF	RXF	R	3.8	ACi,IL
Lewis	4211XF	RXF,ST	R	4.2	ACi,IL
Mustang	39ES823	E3,ST	MR	3.9	Edge-SST
Mustang	4122XFS	RXF,ST	MR	4.1	Edge-SST
Mustang	41E324	E3	R	4.1	Edge-SST
Mustang	4260E3S	E3,ST	MR	4.2	Edge-SST
Mustang	XF38623	RXF,ST	MR	3.8	Edge-SST
Mustang	XF39123	RXF,ST	R	3.9	Edge-SST
NK Brand	NK37-B7XFS §	RXF,ST	MR	3.7	CMB-APX,SA
NK Brand	NK39-M8XF	RXF	R	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
Renk	RS353NXF	RXF	R	3.5	Treated
Stine	37FD02 §	RXF	R	3.7	ACi
Stine	38EG32 §	E3	R	3.8	ACi
Stine	40FD29 §	RXF	R	4.0	ACi
Xitavo	XO 3483E	E3	MR	3.4	PV,IL,OB,Rey
Xitavo	XO 3752E	E3,ST	R	3.7	PV,IL,OB,Rey
Xitavo	XO 3803E	E3,ST	MR	3.8	PV,IL,OB,Rey
Xitavo	XO 3861E	E3,ST	R	3.8	PV,IL,OB,Rey
Xitavo	XO 4084E	E3,ST	R	4.0	PV,IL,OB,Rey
Xitavo	XO 4364E	E3,ST	R	4.3	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	Acceleron® Standard Insecticide-Fungicide
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
CMB-APX,SA	CruiserMaxx® APX with Saltro®
EcQ,NF,NH,SA	Eclipse US Total Quad-R, N-Force, N-Hibit, Saltro
Edge-SST	Cruiser®, Apron XL®, Maxim®, Dynasty®, Mertect®, Optimize®, Saltro® (Midland Genetics)
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
Treated	Treated, unspecified

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