

Test by: Agri Seed Research, LLC Louisburg, KS

## 2023 Soybeans Top 30 Harvest Report

Nebraska Southeast [NESE] TECUMSEH, NE  
Scott Farwell, Johnson County, NE 68345

<b>All-Season Test</b>	Maturity Group <b>3.1 - 4.0</b> S2023NESE09
<b>Top 30 of 37</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Warrant, Atrazine
<b>SOIL DESCRIPTION:</b>	Zook silty clay loam, mod. poorly drained, non-irrigated
<b>SOIL CONDITION:</b>	high P, medium K, 7.1 pH, 3.6% OM, 19.9 CEC
<b>TILLAGE/CULTIVATION:</b>	No-Till
<b>PEST MANAGEMENT:</b>	Glyphosate, 2,4-D (Burndown) Warrant, Sencor, Liberty
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 15 150.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 17 144.1 /A

### TEST COMMENTS:

*This site was planted into a clean seedbed. Seedlings emerged unevenly until a shower helped even the stand up. The plot went through some hot, dry weather in June and July. Plants were standing well at harvest. Most varieties had some pods with undeveloped seeds in them. Good weed control.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NK Brand	NK39-J2E3 ↗	E3	3.9	MR	<b>48.2</b>	11.7	0	145.7	578	1
Hoegemeyer	3274 E ↗	E3	3.2	R	<b>47.5</b>	10.6	0	145.7	570	2
Mustang	XF38623 ↗	RXF,ST	3.8	MR	<b>47.4</b>	11.2	0	147.3	569	3
Stine	37FD02 § ↗	RXF	3.7	R	<b>47.4</b>	10.7	0	142.3	569	4
Golden Harvest	GH3693E3S ↗	E3,ST	3.6	R	<b>46.6</b>	10.7	0	145.7	559	5
Pioneer	P38A54E § ↗	E3	3.8	NA	<b>46.4</b>	10.7	0	144.0	557	6
Genesis	G4080ES ↗	E3,ST	4.0	R	<b>46.1</b>	11.6	0	142.3	553	7
Xitavo	XO 4084E ↗	E3,ST	4.0	R	<b>45.6</b>	11.5	0	142.3	547	8
Stine	38EG32 § ↗	E3	3.8	R	<b>45.5</b>	10.6	0	147.3	546	9
Hoegemeyer	3894 E ↗	E3	3.8	R	45.1	11.5	0	142.3	541	10
Xitavo	XO 3752E ↗	E3,ST	3.7	R	44.9	11.4	0	145.7	539	11
NK Brand	NK37-C1E3 § ↗	E3	3.7	R	44.4	11.7	0	140.7	533	12
Stine	40FD29 § ↗	RXF	4.0	R	44.3	11.5	0	142.3	532	13
Mustang	XF39123 ↗	RXF,ST	3.9	R	44.2	10.7	0	147.3	530	14
Pioneer	P38A28E § ↗	E3	3.8	MR	43.9	10.6	0	142.3	527	15
Golden Harvest	GH3913XF ↗	RXF	3.9	R	43.6	11.1	0	149.0	523	16
Hoegemeyer	3134 E ↗	E3	3.1	R	43.3	11.6	0	144.0	520	17
NK Brand	NK39-M8XF ↗	RXF	3.9	R	43.0	10.7	0	144.0	516	18
Golden Harvest	GH4093E3 ↗	E3	4.0	R	43.0	11.6	0	144.0	516	19
Hoegemeyer	3544 E ↗	E3	3.5	R	42.6	11.7	0	144.0	511	20
Xitavo	XO 3224E ↗	E3	3.2	R	42.3	11.8	0	142.3	508	21
Xitavo	XO 3483E ↗	E3	3.4	MR	42.1	11.0	0	142.3	505	22
Renk	RS353NXF ↗	RXF	3.5	R	41.8	11.1	0	144.0	502	23
Xitavo	XO 3803E ↗	E3,ST	3.8	MR	41.8	10.7	0	145.7	502	24
Asgrow	AG32XF2 § ↗	RXF	3.2	R	41.7	11.6	0	142.3	500	25
Mustang	39ES823 ↗	E3,ST	3.9	MR	41.6	11.2	0	144.0	499	26
Asgrow	AG39XF3 § ↗	RXF	3.9	R	41.2	10.9	0	144.0	494	27
Hefty	H34XF3 ↗	RXF	3.4	R	40.9	11.6	0	145.7	491	28
Mustang	3392E3 GC ↗	E3	3.3	R	40.6	11.6	0	139.0	487	29
Pioneer	P37A18E § ↗	E3	3.7	MR	39.8	11.7	0	147.3	478	30

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Averages = **42.9** **11.2** **144.1** **515**

LSD (0.10) = 2.3 0.2 ns

LSD (0.25) = 1.2 0.1 ns

C.V. = 5.1 Historic yield: 48.08 bu/a, 4 yr(s)

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

Report Date: 10/18/2023

† 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](http://www.firstseedtests.com)

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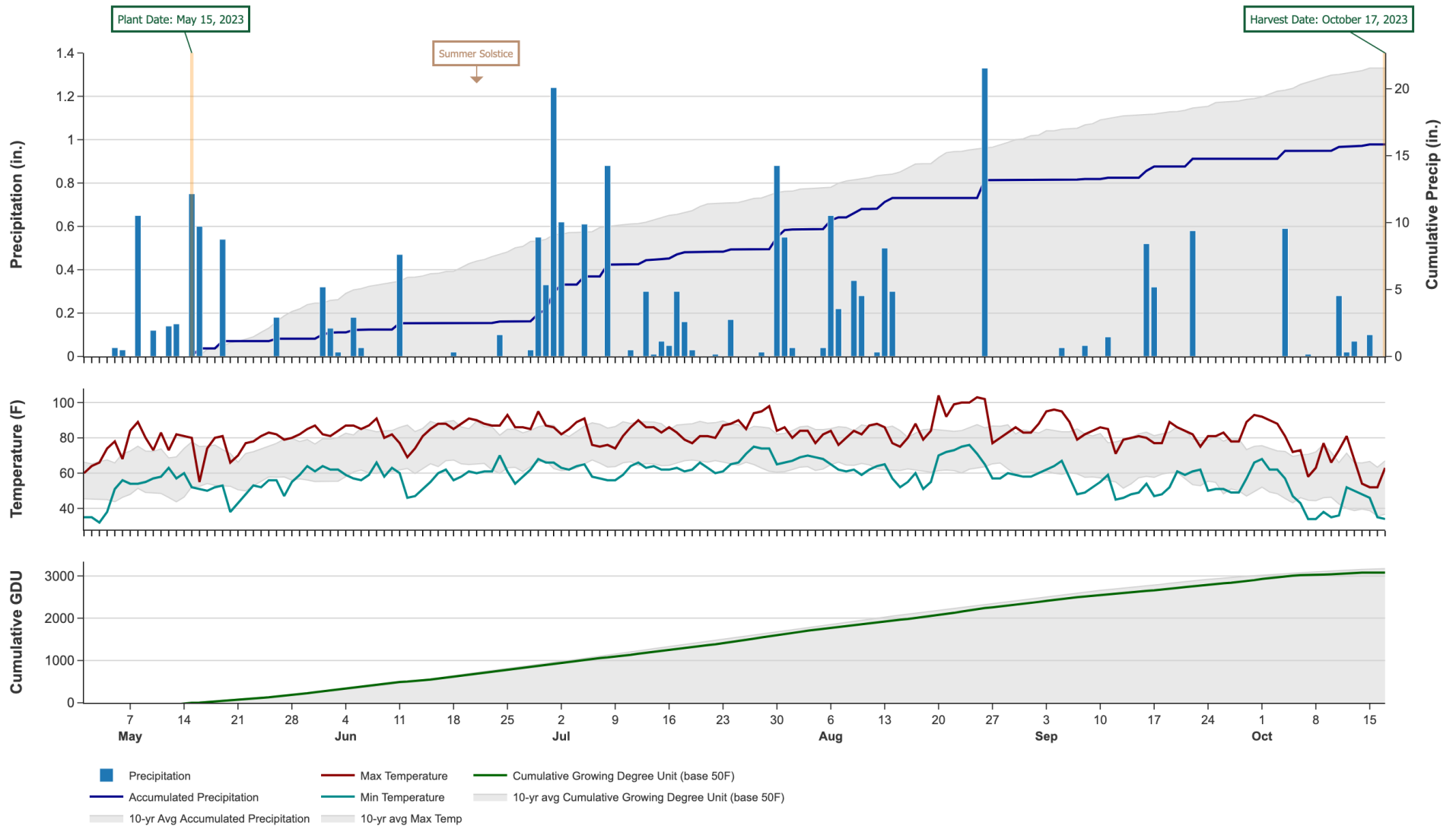
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# 2023 Soybeans - Nebraska Southeast [ NESE ]

## Weather Conditions Summary at TECUMSEH, NE

Weather Data Retrieved: 10/18/2023

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	3.2   6.2 (-3.0)	2.2   4.8 (-2.6)	5.9   3.6 (+2.4)	3.7   3.9 (-0.2)	1.6   3.0 (-1.4)	1.1   2.3 (-1.2)	17.7   23.8 (-6.1)
GDU   Avg (Diff)	455   391 (+63)	651   697 (-46)	726   773 (-47)	714   738 (-24)	559   560 (-1)	176   164 (+11)	3281   3326 (-45)



\* 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 - Nebraska Southeast [ NESE ]

### All-Season Test Products (37 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG32XF2 §	RXF	R	3.2	ACi,IL
Asgrow	AG35XF1 §	RXF	R	3.5	ACi,IL
Asgrow	AG39XF3 §	RXF	R	3.9	ACi,IL
Dyna-Gro	S35XF44	RXF	R	3.5	EQ,VA,Sa
Dyna-Gro	S37XF33	RXF	MR	3.7	EQV,Sa,Va
Genesis	G3880E	E3	R	3.8	EcQ,NF,NH,SA
Genesis	G4080ES	E3,ST	R	4.0	EcQ,NF,NH,SA
Golden Harvest	GH3192XF §	RXF	MR	3.1	CMB-APX,SA
Golden Harvest	GH3693E3S	E3,ST	R	3.6	CMB-APX,SA
Golden Harvest	GH3913XF	RXF	R	3.9	CMB-APX,SA
Golden Harvest	GH4093E3	E3	R	4.0	CMB-APX,SA
Hefty	H34XF3	RXF	R	3.4	DST5
Hoegemeyer	3134 E	E3	R	3.1	Lum,Lu,IL
Hoegemeyer	3274 E	E3	R	3.2	Lum,Lu,IL
Hoegemeyer	3544 E	E3	R	3.5	Lum, LumT, IL
Hoegemeyer	3894 E	E3	R	3.8	Lum,Lu,IL
Mustang	3392E3 GC	E3	R	3.3	Edge-SST
Mustang	39ES823	E3,ST	MR	3.9	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	NK37-C1E3 §	E3	R	3.7	CMB-APX,SA
NK Brand	NK39-J2E3	E3	MR	3.9	CMB-APX,SA
NK Brand	NK39-M8XF	RXF	R	3.9	CMB-APX,SA
Pioneer	P37A18E §	E3	MR	3.7	Lum, LumT, IL
Pioneer	P38A28E §	E3	MR	3.8	Lum, LumT, IL
Pioneer	P38A54E §	E3	NA	3.8	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 3224E	E3	R	3.2	PV,IL,OB,Rey
Xitavo	XO 3341E	E3	R	3.3	PV,IL,OB,Rey
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 4084E	E3,ST	R	4.0	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®
DST5	Dominance 5 ST
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)
EQ,VA,Sa	Equity VAYO, Saltro®
EQV,Sa,Va	Equity VIP, Saltro®, Vayantis®
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.