

Test by: Agri Seed Research, LLC Louisburg, KS

## 2023 Soybeans Top 30 Harvest Report

Nebraska Southeast [NESE] UNION, NE  
Nick Smith, Cass County, NE

<b>All-Season Test</b>	Maturity Group <b>3.1 - 4.0</b> S2023NESE12
<b>Top 30 of 37</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Atrazine, Warrant
<b>SOIL DESCRIPTION:</b>	Marshall silty clay loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	high P, medium K, 6.7 pH, 4.6% OM, 19.4 CEC
<b>TILLAGE/CULTIVATION:</b>	Minimum W/O Fall Till
<b>PEST MANAGEMENT:</b>	Glyphosate, Authority Mtz, Liberty, Metolachlor
<b>Applied N-P-K (units):</b>	0-25-25
<b>SEEDED - RATE - ROW:</b>	May 15 145.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 20 135.1 /A

### TEST COMMENTS:

*This location emerged quickly due to warm soil temperatures in May. May and June brought above average temperatures and below-average rainfall. July was warm with spotty showers in the area. August was hot. Plants were tall and standing well at harvest. Rainfall was below normal for this site but the rain that it did receive was very timely. Great weed control.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dyna-Gro	S35XF44 ↗	RXF	3.5	R	<b>58.9</b>	10.5	0	134.0	707	1
Xitavo	XO 3803E ↗	E3,ST	3.8	MR	<b>56.9</b>	10.4	0	139.0	683	2
Mustang	39ES823 ↗	E3,ST	3.9	MR	56.6	10.2	0	137.3	679	3
Pioneer	P38A28E § ↗	E3	3.8	MR	56.5	10.2	0	134.0	678	4
Golden Harvest	GH3693E3S ↗	E3,ST	3.6	R	56.4	9.4	0	130.7	677	5
Hefty	H34XF3 ↗	RXF	3.4	R	56.3	10.4	0	134.0	676	6
Xitavo	XO 4084E ↗	E3,ST	4.0	R	56.0	9.7	0	135.7	672	7
Genesis	G4080ES ↗	E3,ST	4.0	R	56.0	9.5	0	135.7	672	8
NK Brand	NK39-J2E3 ↗	E3	3.9	MR	55.8	10.3	0	134.0	670	9
Xitavo	XO 3752E ↗	E3,ST	3.7	R	55.6	10.4	0	130.7	667	10
Golden Harvest	GH3192XF § ↗	RXF	3.1	MR	55.5	9.9	0	135.7	666	11
Dyna-Gro	S37XF33 ↗	RXF	3.7	MR	55.5	10.1	0	135.7	666	12
Genesis	G3880E ↗	E3	3.8	R	55.4	10.3	0	139.0	665	13
Xitavo	XO 3224E ↗	E3	3.2	R	55.3	10.3	0	137.3	664	14
Stine	37FD02 § ↗	RXF	3.7	R	55.2	10.1	0	137.3	662	15
Pioneer	P37A18E § ↗	E3	3.7	MR	55.2	9.8	0	129.0	662	16
Mustang	3392E3 GC ↗	E3	3.3	R	55.1	10.6	0	135.7	661	17
Mustang	XF39123 ↗	RXF,ST	3.9	R	54.7	10.0	0	137.3	656	18
Hoegemeyer	3134 E ↗	E3	3.1	R	54.6	10.1	0	134.0	655	19
Pioneer	P38A54E § ↗	E3	3.8	NA	54.5	9.8	0	140.7	654	20
Asgrow	AG35XF1 § ↗	RXF	3.5	R	54.2	10.3	0	135.7	650	21
Stine	40FD29 § ↗	RXF	4.0	R	54.2	10.1	0	134.0	650	22
NK Brand	NK37-B7XFS § ↗	RXF,ST	3.7	MR	53.9	10.1	0	134.0	647	23
Mustang	XF38623 ↗	RXF,ST	3.8	MR	53.9	10.0	0	137.3	647	24
Xitavo	XO 3341E ↗	E3	3.3	R	53.7	10.2	0	134.0	644	25
Asgrow	AG39XF3 § ↗	RXF	3.9	R	53.1	10.5	0	134.0	637	26
Renk	RS353NXF ↗	RXF	3.5	R	52.9	9.7	0	135.7	635	27
Stine	38EG32 § ↗	E3	3.8	R	52.8	10.0	0	134.0	634	28
Hoegemeyer	3544 E ↗	E3	3.5	R	52.3	10.6	0	134.0	628	29
NK Brand	NK37-C1E3 § ↗	E3	3.7	R	52.2	9.9	0	134.0	626	30

	Averages =	<b>54.0</b>	<b>10.1</b>	<b>135.1</b>	<b>648</b>
Adam Stuteville	LSD (0.10) =	2.8	0.3	ns	
adam.stuteville@firstseedtests.com, (913) 206-6080	LSD (0.25) =	1.5	0.2	ns	
	C.V. =	4.9			Historic yield: 58.06 bu/a, 10 yr(s)

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

Report Date: 10/22/2023

† 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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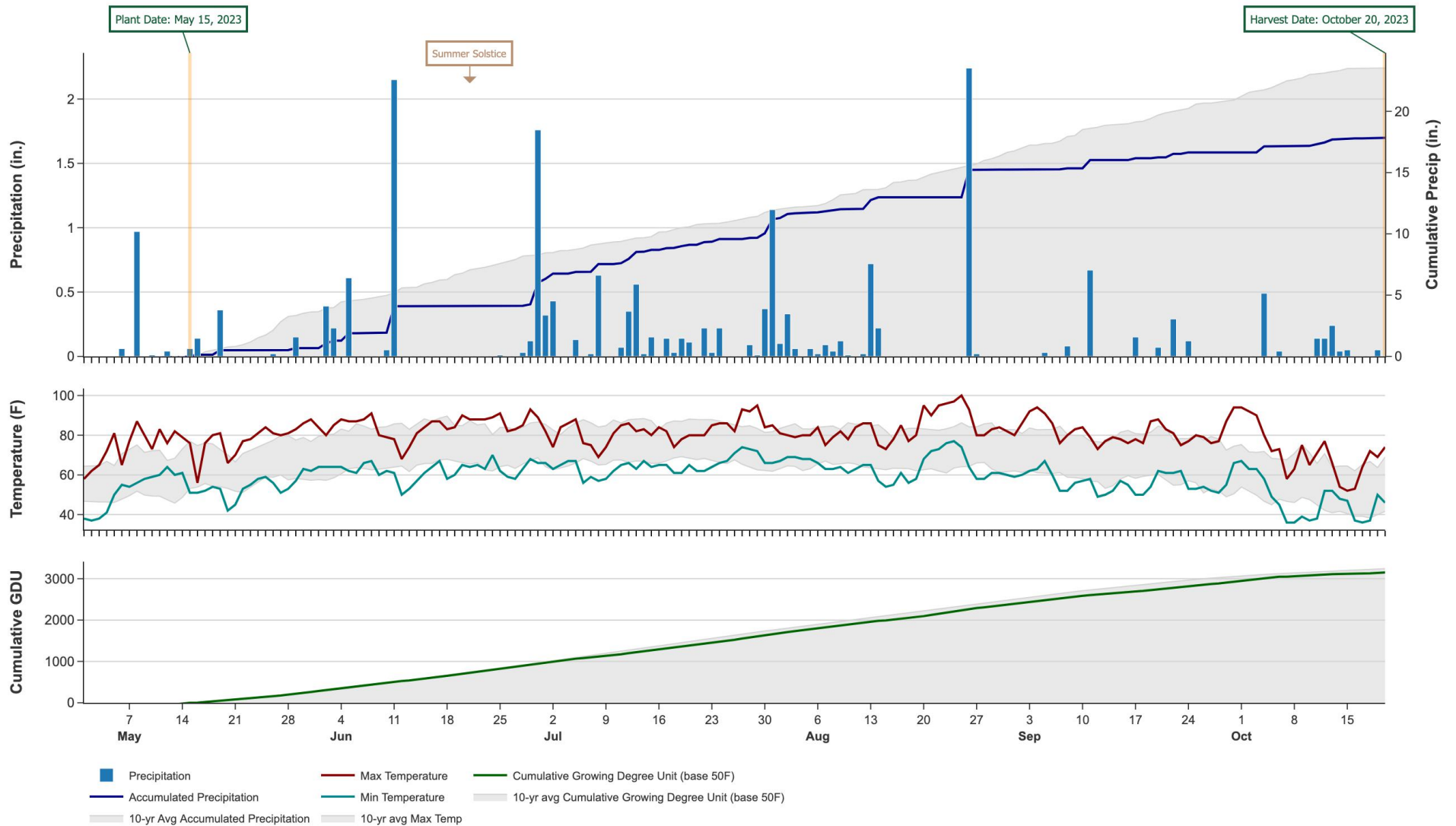
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# 2023 Soybeans - Nebraska Southeast [ NESE ]

## Weather Conditions Summary at UNION, NE

Weather Data Retrieved: 10/22/2023

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	1.8   6.1 (-4.3)	5.3   4.6 (+0.7)	5.2   3.7 (+1.5)	4.0   4.7 (-0.7)	1.4   4.3 (-2.9)	1.2   2.6 (-1.4)	19.0   26.0 (-7.0)
GDU   Avg (Diff)	479   396 (+82)	684   721 (-37)	716   789 (-73)	714   738 (-24)	558   559 (-1)	219   186 (+32)	3370   3391 (-21)



\* 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 Salto®
DST5	Dominance 5 ST
EcQ,NF,NH,SA	Eclipse US Total Quad-R, N-Force, N-Hibit, Salto
Edge-SST	Cruiser®, Apron XL®, Maxim®, Dynasty®, Mertect®, Optimize®, Salto® (Midland Genetics)
EQ,VA,Sa	Equity VAYO, Salto®
EQV,Sa,Va	Equity VIP, Salto®, 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.