

Test by: Apex Custom Research Enterprises (ACRE)  
Clearwater, NE

## 2024 Soybeans Top 30 Harvest Report

Nebraska Northeast [NENE] CLEARWATER, NE  
Nick Hoffman, Antelope County, NE

**All-Season Test** Maturity Group **2.4 - 3.3**  
S2024NENE04

**Top 30 of 33** For Gross Income  
(Sorted by Yield)  
Average of (3) Replications

**PREV. CROP/HERB:** Popcorn / Sharpen, Atrazine,  
Dual Ii, Roundup, Impact

**SOIL DESCRIPTION:** Boelus loamy sand, well  
drained, irrigated

**SOIL CONDITION:** medium P, high K, 6.2 pH, 1.0%  
OM, 5.6 CEC

**TILLAGE/CULTIVATION:** Minimum W/O Fall Till

**PEST MANAGEMENT:** Warrant, Selectmax, Liberty,  
Roundup Powermax 3

**FERTILITY - Applied N:** 9 Spring, Max in Ultra

**Applied N-P-K (units):** 9-40-71

**SEEDED - RATE - ROW:** May 9 120.0 /A 30" spacing

**HARVESTED - STAND:** Oct 12 113.8 /A

### TEST COMMENTS:

*This trial had several challenges. Emergence was good. Then, off-target drift from neighboring dicamba applications caused cupping during the early vegetative stages of growth in the E3 varieties. Plants recovered and put off tremendous vegetative growth and plant height. The plot was placed in the lower ground of the field with more fertile soils and in a relatively flat portion of the field. To compensate for watering in the higher ground an over-application of water occurred during the final pod fill stages. As a result, the beans "squatted". This plot was given more time to correct itself and indeed some varieties did work through the pressure and started to stand upright. Due to herbicide effects on E3 varieties, this location will not be included in the Region Summary.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dyna-Gro	S28XF85 ↗	RXF	2.8	M	<b>71.9</b>	10.3	4	117.0	717	1
Genesis	G3171ES ↗	E3,ST	3.1	M	69.9	11.0	46	114.0	697	2
Asgrow	AG33XF3 § ↗	RXF	3.3	R	69.8	10.4	14	110.0	696	3
Dyna-Gro	S29ES45 ↗	E3,ST	2.9	M	69.4	11.2	41	113.3	692	4
Xitavo	XO 3014E ↗	E3,ST	3.0	M	68.9	11.0	37	112.3	687	5
Pioneer	P27Z41E GC ↗	E3	2.7	M	68.7	10.2	16	110.0	685	6
Fortus	2445E ↗	E3	2.4	M	68.4	10.4	26	111.7	682	7
NK Brand	NK27-W8XF ↗	RXF	2.7	M	67.6	10.5	25	117.7	674	8
Stine	27EG22 § ↗	E3	2.7	PK	67.3	10.2	22	116.7	671	9
Dyna-Gro	S31XF05 ↗	RXF	3.1	M	67.0	10.7	4	118.3	668	10
Stine	31EF02 § ↗	E3	3.1	M	66.8	11.2	45	110.7	666	11
Asgrow	AG27XF3 § ↗	RXF	2.7	R	66.8	10.6	43	113.5	666	12
Stine	25EG23 § ↗	E3	2.5	M	66.5	10.4	6	114.7	663	13
Fortus	3005ES ↗	E3,ST	3.0	M	66.5	10.6	33	111.3	663	14
Genesis	G2960E ↗	E3	2.9	M	66.3	11.0	35	113.0	661	15
NK Brand	NK29-Q3XF § ↗	RXF	2.9	M	66.1	10.7	19	112.3	659	16
Genesis	G3380E ↗	E3	3.3	PK	66.0	11.1	46	113.7	658	17
Golden Harvest	GH2925XF § ↗	RXF	2.9	M	65.7	10.7	20	115.0	655	18
Pioneer	P28Z89E GC ↗	E3	2.8	PK	65.4	11.0	36	115.7	652	19
Pioneer	P28A65E § ↗	E3	2.8	M	64.7	10.6	13	109.3	645	20
Fortus	2775E ↗	E3	2.7	PK	64.7	10.8	22	116.7	645	21
Fortus	3394E ↗	E3	3.3	PK	64.6	11.6	50	115.0	644	22
NK Brand	NK30-A9E3 ↗	E3	3.0	M	64.5	10.5	44	115.0	643	23
Xitavo	XO 3224E ↗	E3	3.2	PK	63.8	11.5	37	112.7	636	24
NK Brand	NK27-J5E3 § ↗	E3	2.7	M	63.8	10.6	34	116.7	636	25
Pioneer	P29A19E § ↗	E3	2.9	MR	63.6	11.2	37	112.0	634	26
Xitavo	XO 2832E ↗	E3	2.8	M	63.4	10.6	39	114.0	632	27
Hoegemeyer	2855 E ↗	E3	2.8	M	62.1	10.8	21	115.7	619	28
Golden Harvest	GH2775E3 ↗	E3	2.7	M	62.0	10.6	23	116.7	618	29
Hoegemeyer	3185 E ↗	E3	3.1	M	60.3	11.6	29	110.7	601	30



Nick Hoffman

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Averages = **65.4** **10.8** **28** **113.8** **650**

LSD (0.10) = 4.7 ns 15

LSD (0.25) = 2.5 ns 8

C.V. = 6.8 Historic yield: 63.26 bu/a, 2 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.024 Prices: GMO = \$9.97

Report Date: 10/12/2024

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

† 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)

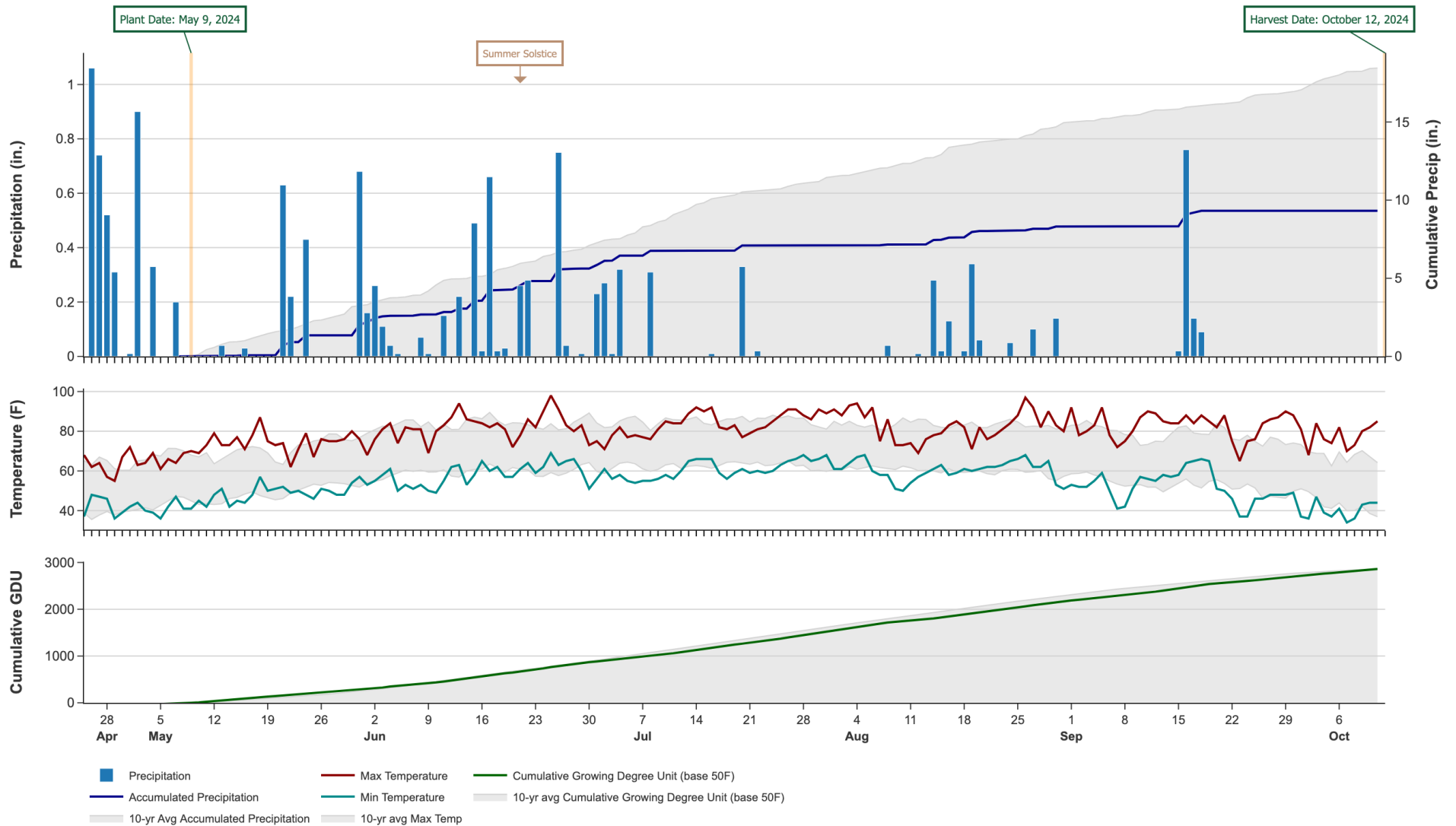
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# 2024 Soybeans - Nebraska Northeast [ NENE ]

## Weather Conditions Summary at CLEARWATER, NE

Weather Data Retrieved: 10/12/2024

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	2.6   0.7 (+1.9)	3.5   4.4 (-1.0)	3.6   3.8 (-0.2)	1.5   4.3 (-2.8)	1.2   3.5 (-2.3)	1.0   2.0 (-1.0)	0.0   1.5 (-1.5)	13.4   20.3 (-6.9)
GDU   Avg (Diff)	34   23 (+10)	349   325 (+23)	587   642 (-55)	660   730 (-70)	640   671 (-31)	540   475 (+64)	152   99 (+53)	2962   2969 (-7)



\* 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 - Nebraska Northeast [ NENE ]

### All-Season Test Products (33 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG27XF3 §	RXF	R	2.7	ACi,IL
Asgrow	AG30XF4 §	RXF	R	3.0	ACi,IL
Asgrow	AG33XF3 §	RXF	R	3.3	ACi,IL
Dyna-Gro	S28XF85	RXF	M	2.8	PLTM
Dyna-Gro	S29ES45	E3,ST	M	2.9	PLTM
Dyna-Gro	S31XF05	RXF	M	3.1	PLTM
Fortus	2445E	E3	M	2.4	AC, SU
Fortus	2775E	E3	PK	2.7	AC, SU
Fortus	3005ES	E3,ST	M	3.0	AC, SU
Fortus	3394E	E3	PK	3.3	AC, SU
Genesis	G2960E	E3	M	2.9	EcTC,SA
Genesis	G3171ES	E3,ST	M	3.1	EcTC,SA
Genesis	G3380E	E3	PK	3.3	EcTC,SA
Golden Harvest	GH2775E3	E3	M	2.7	CMB-APX,SA
Golden Harvest	GH2925XF §	RXF	M	2.9	CMB-APX,SA
Hoegemeyer	2645 E	E3	M	2.6	Lum, LumT, IL
Hoegemeyer	2855 E	E3	M	2.8	Lum, LumT, IL
Hoegemeyer	3185 E	E3	M	3.1	Lum, LumT, IL
NK Brand	NK27-J5E3 §	E3	M	2.7	CMB-APX,SA
NK Brand	NK27-W8XF	RXF	M	2.7	CMB-APX,SA
NK Brand	NK29-Q3XF §	RXF	M	2.9	CMB-APX,SA
NK Brand	NK30-A9E3	E3	M	3.0	CMB-APX,SA
Pioneer	P27Z41E GC	E3	M	2.7	NA
Pioneer	P28A39E §	E3	M	2.8	Untreated
Pioneer	P28A65E §	E3	M	2.8	Untreated
Pioneer	P28Z89E GC	E3	PK	2.8	Untreated
Pioneer	P29A19E §	E3	MR	2.9	Untreated
Stine	25EG23 §	E3	M	2.5	TFX1,SA
Stine	27EG22 §	E3	PK	2.7	TFX1,SA
Stine	31EF02 §	E3	M	3.1	TFX1,SA
Xitavo	XO 2832E	E3	M	2.8	PV,IL,OB,Rey
Xitavo	XO 3014E	E3,ST	M	3.0	PV,IL,OB,Rey
Xitavo	XO 3224E	E3	PK	3.2	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
AC, SU	Acceleron standard+ StepUp
CMB-APX,SA	CruiserMaxx® APX with Saltro®
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro®
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PLTM	DynaGro PLTM
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
TFX1,SA	Stine MyYield, Saltro
Untreated	No seed treatment

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