

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

2024 Soybeans Top 30 Harvest Report

Nebraska Northeast [NENE] MADISON, NE
Craig Knapp, Madison County, NE

All-Season Test	Maturity Group 2.4 - 3.3 S2024NENE03
Top 30 of 33	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Acuron
SOIL DESCRIPTION:	Belfore silty clay loam, well drained, irrigated
SOIL CONDITION:	very high P, very high K, 6.6 pH, 4.7% OM, 20.1 CEC
TILLAGE/CULTIVATION:	Strip-Till
PEST MANAGEMENT:	Authority Supreme, Liberty
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 11 120.0 /A 30" spacing
HARVESTED - STAND:	Oct 5 115.0 /A

TEST COMMENTS:

An excellent trial for the region. Planted in a good window between rain events leading to good emergence and uniform stands. The plot was kept free of weeds and had supplemental irrigation to keep the plants healthy through the hot dry periods of August and September. Some cupping was noticed during the early vegetative stages of growth. The yields of this site were excellent, although some of the top-end yield may have been lost to rapid dry down.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Xitavo	XO 3014E ↗	E3,ST	3.0	M	79.5	10.6	7	114.3	805	1
Hoegemeyer	2855 E ↗	E3	2.8	M	79.1	10.7	7	116.0	801	2
Dyna-Gro	S29ES45 ↗	E3,ST	2.9	M	78.9	10.9	6	114.3	799	3
Asgrow	AG27XF3 § ↗	RXF	2.7	R	78.0	10.5	5	118.0	790	4
Stine	27EG22 § ↗	E3	2.7	PK	77.3	10.2	6	117.0	783	5
Genesis	G3171ES ↗	E3,ST	3.1	M	77.1	10.2	4	111.0	781	6
NK Brand	NK29-Q3XF § ↗	RXF	2.9	M	77.0	10.5	6	118.7	780	7
Xitavo	XO 3224E ↗	E3	3.2	PK	76.8	11.3	7	116.0	778	8
Golden Harvest	GH2925XF § ↗	RXF	2.9	M	76.7	10.5	6	117.7	777	9
Stine	31EF02 § ↗	E3	3.1	M	76.7	10.7	9	115.5	777	10
Pioneer	P27Z41E GC ↗	E3	2.7	M	76.6	10.6	4	120.0	776	11
Fortus	3394E ↗	E3	3.3	PK	76.3	10.8	11	114.3	773	12
Hoegemeyer	2645 E ↗	E3	2.6	M	76.3	10.3	6	115.3	773	13
NK Brand	NK30-A9E3 ↗	E3	3.0	M	76.2	10.4	7	118.0	772	14
Hoegemeyer	3185 E ↗	E3	3.1	M	75.8	10.5	6	109.7	768	15
Pioneer	P29A19E § ↗	E3	2.9	MR	75.8	10.1	7	109.3	768	16
Fortus	2775E ↗	E3	2.7	PK	75.3	10.6	6	116.7	763	17
Pioneer	P28A39E § ↗	E3	2.8	M	75.3	10.4	4	112.7	763	18
Asgrow	AG33XF3 § ↗	RXF	3.3	R	75.1	10.2	2	112.0	761	19
Dyna-Gro	S31XF05 ↗	RXF	3.1	M	74.2	10.9	4	118.0	752	20
NK Brand	NK27-W8XF ↗	RXF	2.7	M	74.1	10.7	10	117.0	751	21
Genesis	G3380E ↗	E3	3.3	PK	73.4	10.8	10	115.3	744	22
Asgrow	AG30XF4 § ↗	RXF	3.0	R	72.8	9.9	4	117.0	737	23
Fortus	3005ES ↗	E3,ST	3.0	M	72.6	10.5	11	109.3	735	24
NK Brand	NK27-J5E3 § ↗	E3	2.7	M	72.5	11.0	6	111.7	734	25
Pioneer	P28A65E § ↗	E3	2.8	M	71.9	10.0	3	108.7	728	26
Pioneer	P28Z89E GC ↗	E3	2.8	PK	71.4	10.4	3	116.3	723	27
Golden Harvest	GH2775E3 ↗	E3	2.7	M	71.3	11.4	9	113.7	722	28
Stine	25EG23 § ↗	E3	2.5	M	71.2	10.8	3	117.0	721	29
Dyna-Gro	S28XF85 ↗	RXF	2.8	M	70.9	10.5	6	116.0	718	30

Nick Hoffman

nick.hoffman@firstseedtests.com, (308) 730-7503

Averages = **74.7** **10.6** **6** **115.0** **756**

LSD (0.10) = 3.7 0.3 3

LSD (0.25) = 2.0 0.1 2

C.V. = 4.7

Historic yield: 62.67 bu/a, 4 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.024 Prices: GMO = \$10.13

Report Date: 10/05/2024

† 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 exceeded the grain moisture limit for this test. **ns** = column values not significantly different. ↗ Links to full product yield results at www.firstseedtests.com

©2024, All rights reserved to Farmers' Independent Research of Seed Technologies, LLC.

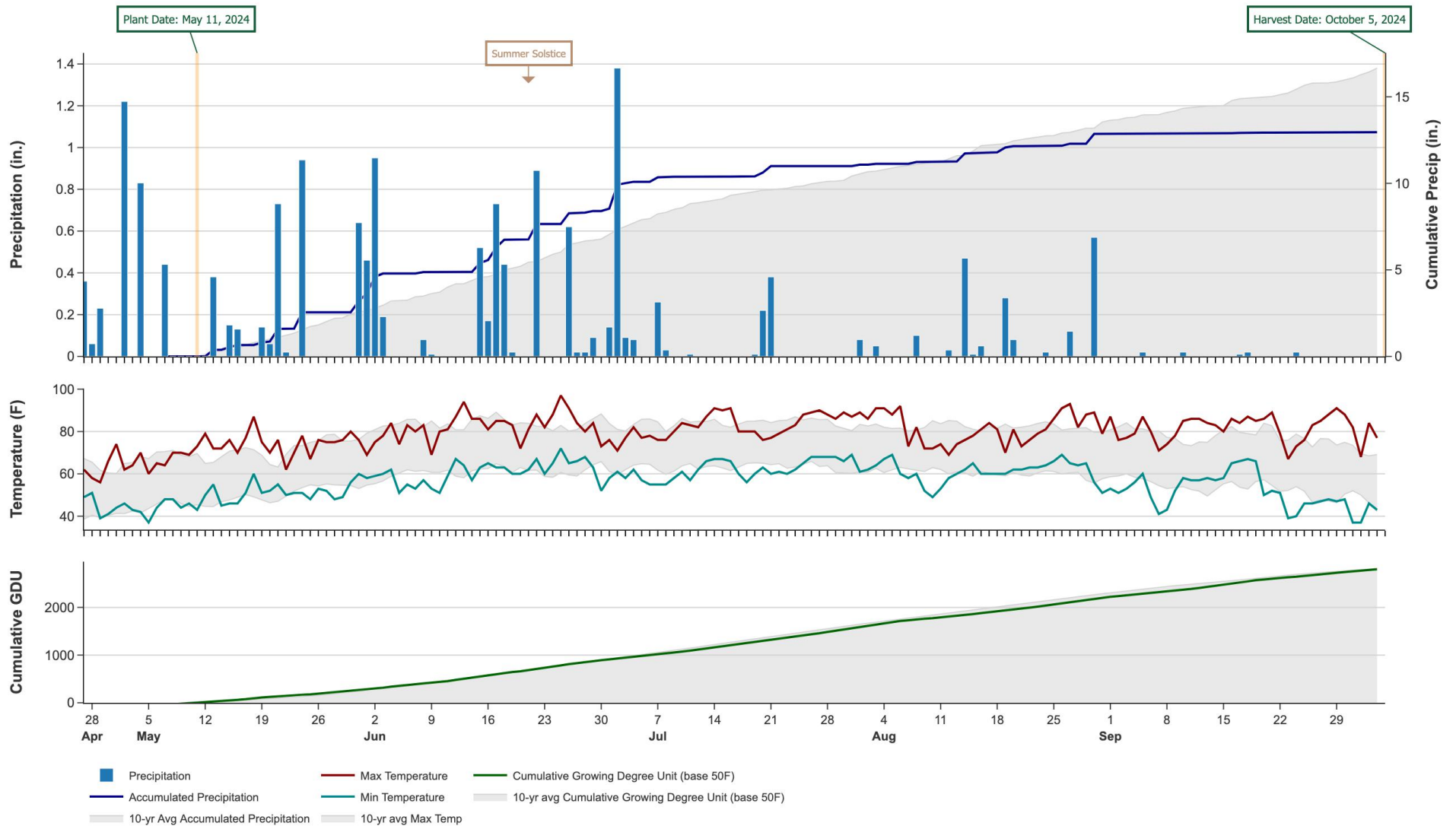
Additional reports available at www.firstseedtests.com

2024 Soybeans - Nebraska Northeast [NENE]

Weather Conditions Summary at MADISON, NE

Weather Data Retrieved: 10/05/2024

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	0.7 0.9 (-0.3)	5.7 4.0 (+1.7)	5.2 4.2 (+1.0)	2.6 3.6 (-1.0)	1.9 3.1 (-1.3)	0.1 2.5 (-2.4)	0.0 0.7 (-0.7)	16.1 19.0 (-2.9)
GDU Avg (Diff)	18 27 (-9)	358 331 (+26)	627 660 (-33)	672 729 (-57)	637 662 (-25)	541 483 (+57)	56 41 (+14)	2909 2935 (-26)



* 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

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

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

Soybeans Technologies

E3	Enlist E3®
RXF	XtendFlex®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

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

* Seed treatments may include unspecified plant health promoting components.