

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

2024 Soybeans Top 30 Harvest Report

Nebraska Northeast [NENE] TEKAMAH, NE
Jordan Moody, Burt County, NE

All-Season Test	Maturity Group 2.4 - 3.3 S2024NENE01
Top 30 of 33	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Verdict, Atrazine, Roundup, 2,4-D, Armezon Pro
SOIL DESCRIPTION:	Moody silty clay loam, well drained, non-irrigated
SOIL CONDITION:	very high P, very high K, 5.5 pH, 3.9% OM, 23.7 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Zidua Pro, Roundup, Liberty, Outlook, Section 3, Veltyma, Baythroid
Applied N-P-K (units):	0-60-40
SEEDED - RATE - ROW:	May 28 120.0 /A 30" spacing
HARVESTED - STAND:	Oct 11 114.1 /A

TEST COMMENTS:

An excellent uniform test site was planted and harvested on the same days as the cooperator. This dryland no-till site is representative of farm ground in the rolling hills of Northeast Nebraska. It averaged right on par with the field average of 57 bu/ac. Weed control was excellent and some treatment for aphids was needed during the final stages of podfill. Lodging was minimal, although plants with more axillary branches tended to lean more and would sometimes touch the ground. Generally, a very clean, consistent plot.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dyna-Gro	S29ES45 ↗	E3,ST	2.9	M	65.7	7.9	12	115.3	655	1
Fortus	3005ES ↗	E3,ST	3.0	M	63.6	8.0	7	111.3	634	2
Genesis	G2960E ↗	E3	2.9	M	63.6	8.2	4	115.3	634	3
Dyna-Gro	S28XF85 ↗	RXF	2.8	M	62.4	7.9	1	115.7	622	4
Xitavo	XO 3014E ↗	E3,ST	3.0	M	62.2	8.1	7	115.3	620	5
Genesis	G3171ES ↗	E3,ST	3.1	M	62.1	8.1	10	118.0	619	6
Hoegemeyer	3185 E ↗	E3	3.1	M	60.9	8.1	3	113.3	607	7
NK Brand	NK30-A9E3 ↗	E3	3.0	M	60.9	8.2	8	117.0	607	8
Asgrow	AG27XF3 § ↗	RXF	2.7	R	60.5	8.0	11	112.7	603	9
Pioneer	P28Z89E GC ↗	E3	2.8	PK	60.0	7.9	3	117.0	598	10
Fortus	2445E ↗	E3	2.4	M	59.9	8.1	2	111.7	597	11
Stine	31EF02 § ↗	E3	3.1	M	59.8	8.2	11	113.7	596	12
Dyna-Gro	S31XF05 ↗	RXF	3.1	M	59.6	8.1	3	116.0	594	13
Pioneer	P29A19E § ↗	E3	2.9	MR	59.5	7.9	6	115.0	593	14
Fortus	3394E ↗	E3	3.3	PK	59.5	8.1	12	114.7	593	15
Xitavo	XO 2832E ↗	E3	2.8	M	59.2	8.1	6	114.3	590	16
Genesis	G3380E ↗	E3	3.3	PK	58.9	8.1	11	113.3	587	17
Fortus	2775E ↗	E3	2.7	PK	58.9	8.0	4	117.0	587	18
Pioneer	P28A39E § ↗	E3	2.8	M	58.5	7.9	3	113.0	583	19
Pioneer	P27Z41E GC ↗	E3	2.7	M	58.4	8.0	1	114.7	582	20
NK Brand	NK27-W8XF ↗	RXF	2.7	M	58.3	8.0	10	112.0	581	21
Asgrow	AG33XF3 § ↗	RXF	3.3	R	58.0	8.0	1	112.7	578	22
Golden Harvest	GH2925XF § ↗	RXF	2.9	M	58.0	8.0	4	118.0	578	23
Hoegemeyer	2645 E ↗	E3	2.6	M	57.7	7.9	2	111.7	575	24
Stine	27EG22 § ↗	E3	2.7	PK	57.5	7.9	3	115.3	573	25
Hoegemeyer	2855 E ↗	E3	2.8	M	57.3	8.1	3	112.3	571	26
Xitavo	XO 3224E ↗	E3	3.2	PK	57.1	8.0	11	113.7	569	27
Stine	25EG23 § ↗	E3	2.5	M	57.1	8.0	2	114.3	569	28
NK Brand	NK29-Q3XF § ↗	RXF	2.9	M	56.2	8.0	4	113.3	560	29
Asgrow	AG30XF4 § ↗	RXF	3.0	R	55.7	7.9	3	113.7	555	30

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Averages =	59.0	8.0	5	114.1	588
LSD (0.10) =	2.6	0.1	3		
LSD (0.25) =	1.4	0.1	2		
C.V. =	4.2				

Historic yield: new site

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

Report Date: Oct. 11, 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

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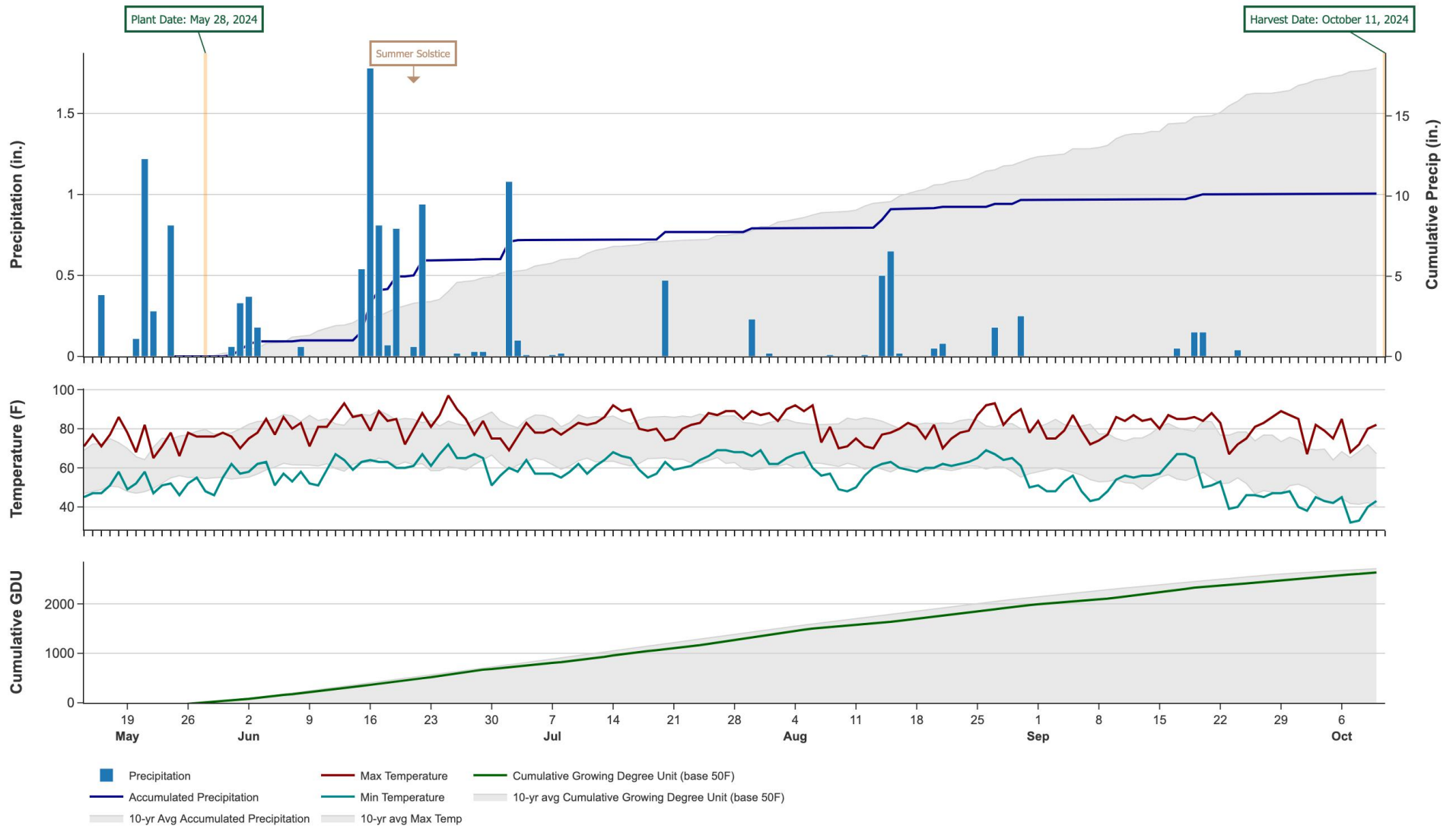
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2024 Soybeans - Nebraska Northeast [NENE]

Weather Conditions Summary at TEKAMAH, NE

Weather Data Retrieved: 10/12/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	2.9 2.2 (+0.7)	6.0 4.7 (+1.3)	1.9 3.1 (-1.2)	1.8 4.2 (-2.4)	0.4 4.3 (-3.9)	0.0 1.4 (-1.4)	12.9 19.9 (-7.0)
GDU Avg (Diff)	248 234 (+13)	634 677 (-43)	670 734 (-64)	624 664 (-40)	523 491 (+31)	138 94 (+43)	2837 2896 (-59)



* 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 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

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.