

Test by: Agri Seed Research, LLC Louisburg, KS

2024 Soybeans Top 30 Harvest Report

Nebraska Southeast [NESE] BEATRICE, NE
 Joe Thimm, Gage County, NE 68310

All-Season Test	Maturity Group 3.1 - 4.0 S2024NESE09
Top 30 of 32	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Glyphosate, Degreee, Atrazine, Mesotrione
SOIL DESCRIPTION:	Wymore silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	high P, medium K, 6.7 pH, 3.7% OM, 18.4 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Glyphosate, Sulfentrazone, Metolachlor
Applied N-P-K (units):	0-0-0
SEDED - RATE - ROW:	May 14 145.0 /A 30" spacing
HARVESTED - STAND:	Oct 17 136.6 /A

TEST COMMENTS:

This site was planted into a clean seedbed and emerged quickly due to the warm soil. May and June brought timely rain showers. July and August were hot with very little rain. Plants were standing well at harvest with very little disease pressure seen. Most varieties had pods in which only one or two of the soybeans developed.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Golden Harvest	GH3994E3 ↗	E3	3.9	M	52.9	7.8	0	142.3	513	1
Fortus	3394E ↗	E3	3.3	PK	51.3	7.9	0	137.3	498	2
Xitavo	XO 3855E ↗	E3,ST	3.8	M	50.8	8.2	0	135.7	493	3
Mustang	38E825 § ↗	E3	3.8	M	50.2	7.9	0	137.3	487	4
Genesis	G4080ES ↗	E3,ST	4.0	R	50.1	8.0	0	137.3	486	5
Mustang	XFS39123 GC ↗	RXF,ST	3.9	M	49.7	7.6	0	137.3	482	6
Asgrow	AG36XF4 § ↗	RXF	3.6	R	49.6	8.0	0	137.3	481	7
Hoegemeyer	3185 E ↗	E3	3.1	M	49.3	7.9	0	135.7	478	8
Genesis	G3380E ↗	E3	3.3	PK	48.4	7.9	0	139.0	469	9
NK Brand	NK36-Q6E3S § ↗	E3,ST	3.6	M	47.9	8.2	0	134.0	465	10
Asgrow	AG40XF1 § ↗	RXF,ST	4.0	R	47.8	8.1	0	140.7	464	11
Hoegemeyer	3605 E ↗	E3	3.6	M	47.7	7.8	0	134.0	463	12
Mustang	XF38725 § ↗	RXF	3.8	M	47.1	9.0	0	135.7	457	13
Xitavo	XO 3224E ↗	E3	3.2	PK	47.0	8.3	0	139.0	456	14
Hoegemeyer	3825 E ↗	E3	3.8	M	46.3	8.1	0	139.0	449	15
Golden Harvest	GH4093E3 § ↗	E3	4.0	M	46.2	7.7	0	134.0	448	16
Mustang	35ES325 § ↗	E3,ST	3.5	M	46.0	8.3	0	139.0	446	17
Dyna-Gro	S38EN75 ↗	E3	3.8	M	45.9	8.2	0	137.3	445	18
NK Brand	NK37-R5XF ↗	RXF	3.7	M	45.7	8.2	0	142.3	443	19
Stine	37EG23 § ↗	E3	3.7	M	45.6	8.2	0	135.7	442	20
NK Brand	NK34-Z8E3S ↗	E3,ST	3.4	M	45.6	8.3	0	135.7	442	21
Xitavo	XO 3655E ↗	E3,ST	3.6	M	45.3	8.5	0	137.3	439	22
Renk	RS395NXF ↗	RXF	3.9	M	44.8	7.8	0	132.3	435	23
Golden Harvest	GH3693E3S ↗	E3,ST	3.6	M	44.8	8.2	0	137.3	435	24
Fortus	3665E ↗	E3	3.6	M	44.7	8.1	0	135.7	434	25
Genesis	G3890E ↗	E3	3.8	M	44.6	8.4	0	132.3	433	26
Golden Harvest	GH3355E3S ↗	E3,ST	3.3	PK	44.4	8.0	0	134.0	431	27
Dyna-Gro	S37XF15 ↗	RXF	3.7	M	43.7	8.2	0	134.0	424	28
Stine	31EF02 § ↗	E3	3.1	M	43.2	8.1	0	137.3	419	29
Asgrow	AG39XF3 § ↗	RXF	3.9	R	43.1	8.2	0	135.7	418	30

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Averages = **46.7** **8.1** **136.6** **453**

LSD (0.10) = 3.0 0.3 ns

LSD (0.25) = 1.6 0.1 ns

C.V. = 6.1

Historic yield: 49.34 bu/a, 12 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$9.70

Report Date: 10/19/2024

† 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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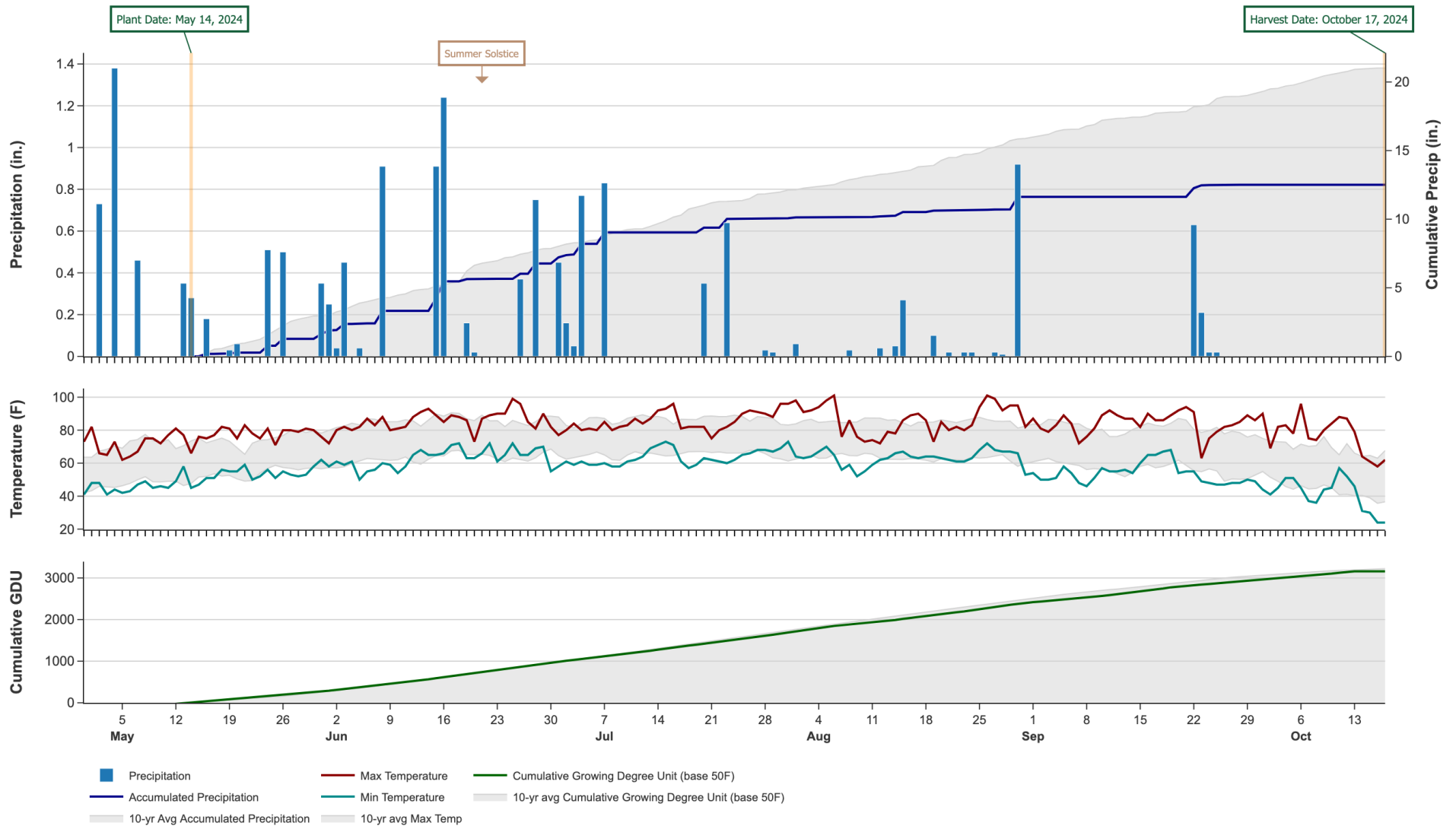
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2024 Soybeans - Nebraska Southeast [NESE]

Weather Conditions Summary at BEATRICE, NE

Weather Data Retrieved: 10/19/2024

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	0.0 0.3 (-0.3)	4.8 4.9 (-0.0)	5.1 4.9 (+0.2)	3.3 4.3 (-1.0)	1.6 3.8 (-2.2)	0.9 3.2 (-2.4)	0.0 1.9 (-1.9)	15.7 23.2 (-7.5)
GDU Avg (Diff)	12 6 (+5)	430 397 (+32)	696 714 (-18)	721 782 (-61)	706 745 (-39)	558 569 (-11)	204 163 (+40)	3327 3378 (-51)



* 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.

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All-Season Test Products (32 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG36XF4 §	RXF	R	3.6	ACi,IL
Asgrow	AG39XF3 §	RXF	R	3.9	ACi,IL
Asgrow	AG40XF1 §	RXF,ST	R	4.0	ACi,IL
Dyna-Gro	S37XF15	RXF	M	3.7	PLTM
Dyna-Gro	S38EN75	E3	M	3.8	PLTM
Fortus	3394E	E3	PK	3.3	AC, SU
Fortus	3665E	E3	M	3.6	AC, SU
Genesis	G3380E	E3	PK	3.3	EcTC,SA
Genesis	G3890E	E3	M	3.8	EcTC,SA
Genesis	G4080ES	E3,ST	R	4.0	EcTC,SA
Golden Harvest	GH3355E3S	E3,ST	PK	3.3	CMB-APX,SA
Golden Harvest	GH3445XF §	RXF	M	3.4	CMB-APX,SA
Golden Harvest	GH3693E3S	E3,ST	M	3.6	CMB-APX,SA
Golden Harvest	GH3994E3	E3	M	3.9	CMB-APX,SA
Golden Harvest	GH4093E3 §	E3	M	4.0	CMB-APX,SA
Hoegemeyer	3185 E	E3	M	3.1	Lum, LumT, IL
Hoegemeyer	3605 E	E3	M	3.6	Lum, LumT, IL
Hoegemeyer	3825 E	E3	M	3.8	Lum, LumT, IL
Mustang	35ES325 §	E3,ST	M	3.5	CMB-APX,SA
Mustang	38E825 §	E3	M	3.8	CMB-APX,SA
Mustang	XF38725 §	RXF	M	3.8	CMB-APX,SA
Mustang	XFS39123 GC	RXF,ST	M	3.9	CMB-APX,SA
NK Brand	NK34-Z8E3S	E3,ST	M	3.4	CMB-APX,SA
NK Brand	NK36-Q6E3S §	E3,ST	M	3.6	CMB-APX,SA
NK Brand	NK37-R5XF	RXF	M	3.7	CMB-APX,SA
Renk	RS395NXF	RXF	M	3.9	EcTC, NF, SA
Stine	31EF02 §	E3	M	3.1	TFX1,SA
Stine	35EG92 §	E3	M	3.5	TFX1,SA
Stine	37EG23 §	E3	M	3.7	TFX1,SA
Xitavo	XO 3224E	E3	PK	3.2	PV,IL,OB,Rey
Xitavo	XO 3655E	E3,ST	M	3.6	PV,IL,OB,Rey
Xitavo	XO 3855E	E3,ST	M	3.8	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, NF, SA	Eclipse US Total Coverage, N-Force, 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

* Seed treatments may include unspecified plant health promoting components.