

Test by: Agri Seed Research, LLC Louisburg, KS

2024 Soybeans Top 30 Harvest Report

Kansas Northeast [KSNE] AXTELL, KS
Jack Boyle, Marshall County, KS 66544

All-Season Test	Maturity Group 3.4 - 4.4 S2024KSNE07
Top 28 of 28	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Atrazine, Acetochlor, Mesotrione
SOIL DESCRIPTION:	Pawnee clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	very high P, high K, 6.8 pH, 3.9% OM, 19.3 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Glyphosate, Authority, Liberty
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 23 145.0 /A 30" spacing
HARVESTED - STAND:	Oct 15 138.4 /A

TEST COMMENTS:

This site was planted into a clean seedbed and had a nice even emergence. Timely showers fell in June, July, and August was hot with a couple of showers. September was hot and dry. Plants were standing well at harvest. Some varieties still had a few green leaves but threshed easily. Good weed control.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Xitavo	XO 4132E ↗	E3	4.1	M	54.8	8.6	0	137.3	532	1
Stine	37EG23 § ↗	E3	3.7	M	54.2	8.8	0	139.0	526	2
Mustang	38E825 ↗	E3	3.8	M	54.1	8.8	0	140.7	525	3
Stine	42EG23 § ↗	E3	4.2	M	53.9	8.6	0	140.7	523	4
Mustang	41E324 ↗	E3	4.1	M	53.8	8.5	0	137.3	522	5
Hoegemeyer	3605 E ↗	E3	3.6	M	53.4	8.7	0	139.0	518	6
Hoegemeyer	3825 E ↗	E3	3.8	M	53.3	8.5	0	135.7	517	7
Xitavo	XO 4255E ↗	E3,ST	4.2	M	53.0	8.4	0	137.3	514	8
Hoegemeyer	4355 BE ↗	E3,ST	4.3	M	52.9	8.6	0	137.3	513	9
Golden Harvest	GH4093E3 ↗	E3	4.0	M	52.6	8.7	0	139.0	510	10
Asgrow	AG42XF4 § ↗	RXF,ST	4.2	R	52.4	8.7	0	137.3	508	11
Pioneer	P37A18E § ↗	E3	3.7	MR	52.3	8.8	0	139.0	507	12
Mustang	XFS39123 ↗	RXF,ST	3.9	M	51.8	8.6	0	139.0	502	13
Mustang	35ES325 § ↗	E3,ST	3.5	M	50.6	8.6	0	139.0	491	14
Mustang	39ES925 ↗	E3,ST	3.9	M	50.2	8.6	0	137.3	487	15
Stine	35EG92 § ↗	E3	3.5	M	50.1	9.0	0	142.3	486	16
Golden Harvest	GH3913XF § ↗	RXF	3.9	M	50.0	8.6	0	139.0	485	17
Asgrow	AG39XF3 § ↗	RXF	3.9	R	50.0	9.0	0	137.3	485	18
Mustang	XF42724 ↗	RXF	4.2	M	50.0	9.2	0	139.0	485	19
Genesis	G3890E ↗	E3	3.8	M	49.9	8.6	0	139.0	484	20
Xitavo	XO 3655E ↗	E3,ST	3.6	M	49.8	8.6	0	137.3	483	21
Genesis	G4080ES ↗	E3,ST	4.0	R	49.3	8.5	0	134.0	478	22
Golden Harvest	GH4214E3S § ↗	E3,ST	4.2	M	49.2	8.6	0	139.0	477	23
Mustang	42E225 § ↗	E3	4.2	M	49.0	8.5	0	137.3	475	24
Golden Harvest	GH4222XF § ↗	RXF	4.2	M	48.8	8.5	0	139.0	473	25
Mustang	XF38725 ↗	RXF	3.8	M	48.5	8.7	0	137.3	470	26
Asgrow	AG40XF1 § ↗	RXF,ST	4.0	R	48.3	8.7	0	137.3	469	27
Xitavo	XO 3752E ↗	E3,ST	3.7	R	47.6	8.9	0	142.3	462	28



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Averages = **51.2** **8.7** **138.4** **497**

LSD (0.10) = 2.8 0.2 ns

LSD (0.25) = 1.4 0.1 ns

C.V. = 5.1

Historic yield: new site

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

Report Date: 10/17/2024

† 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 exceed 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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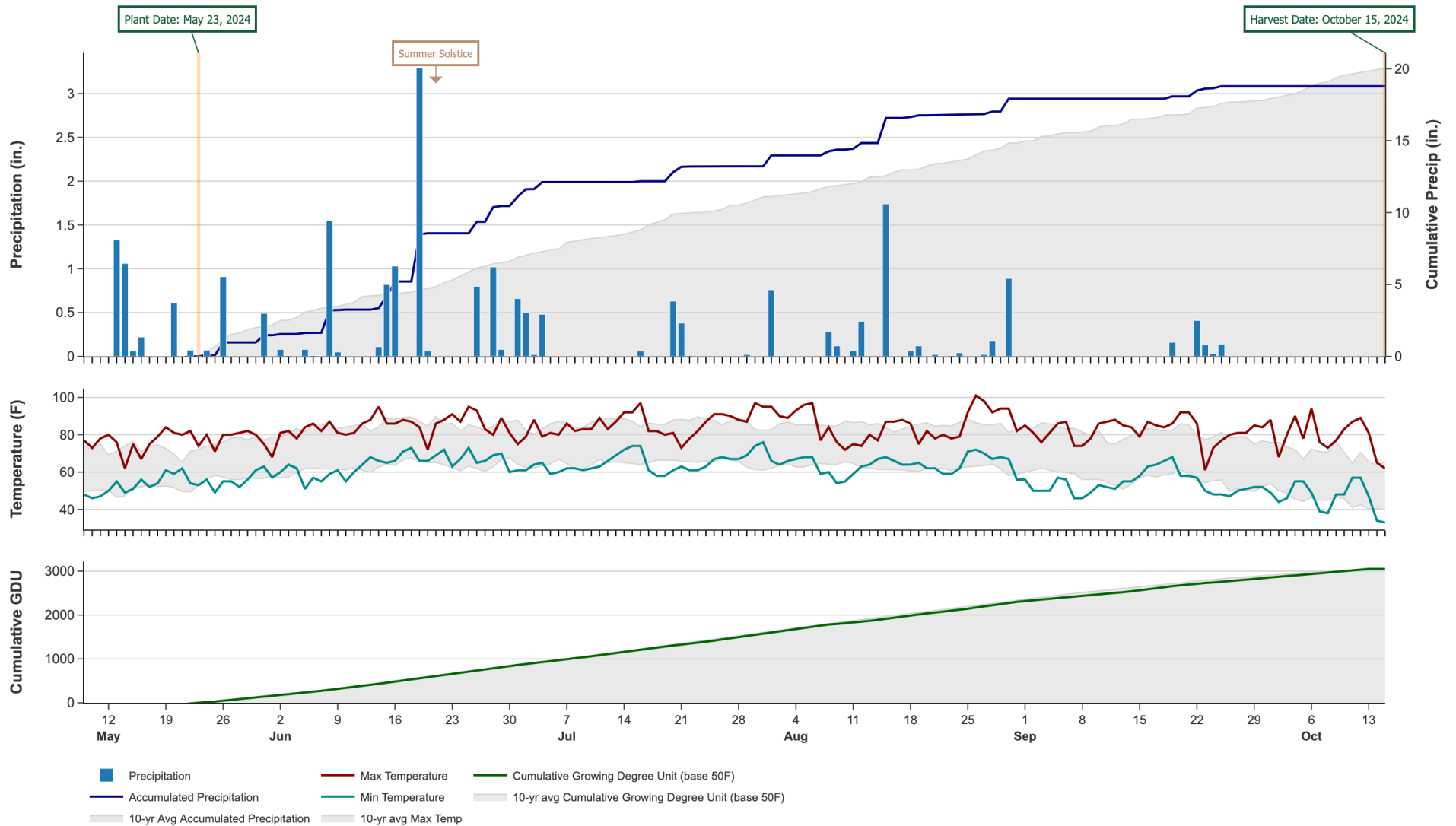
Additional reports available at www.firstseedtests.com

2024 Soybeans - Kansas Northeast [KSNE]

Weather Conditions Summary at AXTELL, KS

Weather Data Retrieved: 10/17/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	4.8 4.5 (+0.4)	9.0 4.5 (+4.4)	2.8 4.5 (-1.7)	4.7 3.7 (+1.0)	0.9 3.0 (-2.1)	0.0 2.2 (-2.2)	22.1 22.4 (-0.3)
GDU Avg (Diff)	364 309 (+54)	706 701 (+4)	741 771 (-30)	714 734 (-20)	540 558 (-18)	210 154 (+55)	3275 3230 (+44)



* 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 - Kansas Northeast [KSNE]

All-Season Test Products (28 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG39XF3 §	RXF	R	3.9	ACi,IL
Asgrow	AG40XF1 §	RXF,ST	R	4.0	ACi,IL
Asgrow	AG42XF4 §	RXF,ST	R	4.2	ACi,IL
Genesis	G3890E	E3	M	3.8	EcTC,SA
Genesis	G4080ES	E3,ST	R	4.0	EcTC,SA
Golden Harvest	GH3913XF §	RXF	M	3.9	CMB-APX,SA
Golden Harvest	GH4093E3	E3	M	4.0	CMB-APX,SA
Golden Harvest	GH4214E3S §	E3,ST	M	4.2	CMB-APX,SA
Golden Harvest	GH4222XF §	RXF	M	4.2	CMB-APX,SA
Hoegemeyer	3605 E	E3	M	3.6	Lum, LumT, IL
Hoegemeyer	3825 E	E3	M	3.8	Lum, LumT, IL
Hoegemeyer	4355 BE	E3,ST	M	4.3	Lum, LumT, IL
Mustang	35ES325 §	E3,ST	M	3.5	CMB-APX,SA
Mustang	38E825	E3	M	3.8	CMB-APX,SA
Mustang	39ES925	E3,ST	M	3.9	CMB-APX,SA
Mustang	41E324	E3	M	4.1	CMB-APX,SA
Mustang	42E225 §	E3	M	4.2	CMB-APX,SA
Mustang	XF38725	RXF	M	3.8	CMB-APX,SA
Mustang	XF42724	RXF	M	4.2	CMB-APX,SA
Mustang	XFS39123	RXF,ST	M	3.9	CMB-APX,SA
Pioneer	P37A18E §	E3	MR	3.7	Lum, LumT, IL
Stine	35EG92 §	E3	M	3.5	TFX1,SA
Stine	37EG23 §	E3	M	3.7	TFX1,SA
Stine	42EG23 §	E3	M	4.2	TFX1,SA
Xitavo	XO 3655E	E3,ST	M	3.6	PV,IL,OB,Rey
Xitavo	XO 3752E	E3,ST	R	3.7	PV,IL,OB,Rey
Xitavo	XO 4132E	E3	M	4.1	PV,IL,OB,Rey
Xitavo	XO 4255E	E3,ST	M	4.2	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
CMB-APX,SA	CruiserMaxx® APX with Saltro®
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro®
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
TFX1,SA	Stine MyYield, Saltro

* Seed treatments may include unspecified plant health promoting components.