

Test by: Agri Seed Research, LLC Louisburg, KS

2024 Soybeans Top 30 Harvest Report

Kansas East Central [KSEC] LOUISBURG, KS
Les Stuteville, Miami County, KS 66013

All-Season Test	Maturity Group 3.7 - 4.7 S2024KSEC02
Top 25 of 25	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Glyphosate, Elevore, Atrazine, Acetochlor, Mesotrione
SOIL DESCRIPTION:	Grundy silt loam, moderately drained, non-irrigated
SOIL CONDITION:	very high P, high K, 6.5 pH, 4.2% OM, 19.9 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Glyphosate, Sharpen, Zone, Metribuzin, Liberty
FERTILITY - Applied N:	Sulfur
Applied N-P-K (units):	0-20-20
SEEDED - RATE - ROW:	Jun 11 145.0 /A 30" spacing
HARVESTED - STAND:	Oct 28 137.7 /A

TEST COMMENTS:

This site was planted in a clean seedbed and emerged well despite a dry period right after planting. Several rains came in late June and early July. The last three weeks of August and the first three weeks of September were hot and dry, this site did manage to catch a couple of small rains during the dry spell. Plants were slightly shorter than normal but were standing well. Great weed control.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Mustang	42E225 GC ↗	E3	4.2	M	46.9	8.5	0	139.0	455	1
Asgrow	AG42XF4 § ↗	RXF,ST	4.2	R	46.3	8.5	0	137.3	449	2
Pioneer	P47Z15BE § ↗	E3,ST	4.7	NA	46.2	8.1	0	135.7	448	3
Mustang	47E323 ↗	E3	4.7	M	45.2	8.3	0	139.0	438	4
Asgrow	AG39XF3 § ↗	RXF	3.9	R	45.1	8.2	0	135.7	437	5
Hoegemeyer	4355 BE ↗	E3,ST	4.3	M	45.0	8.3	0	135.7	436	6
Xitavo	XO 4405E ↗	E3	4.4	M	44.5	8.5	0	135.7	432	7
Mustang	41E324 GC ↗	E3	4.1	M	44.3	8.3	0	142.3	430	8
Hoegemeyer	4525 E ↗	E3	4.5	M	44.2	8.4	0	137.3	429	9
Stine	37EG23 § ↗	E3	3.7	M	43.9	8.3	0	137.3	426	10
Golden Harvest	GH4214E3S § ↗	E3,ST	4.2	M	43.8	8.3	0	135.7	425	11
Pioneer	P45A81E § ↗	E3	4.5	R	43.4	8.3	0	142.3	421	12
Genesis	G4080ES ↗	E3,ST	4.0	R	42.6	8.2	0	137.3	413	13
Genesis	G3890E § ↗	E3	3.8	M	42.2	8.5	0	137.3	409	14
Pioneer	P45Z75E § ↗	E3	4.5	NA	41.9	8.2	0	134.0	406	15
Xitavo	XO 4255E ↗	E3,ST	4.2	M	41.9	8.3	0	139.0	406	16
Golden Harvest	GH4433E3S § ↗	E3,ST	4.4	M	41.7	8.6	0	137.3	404	17
Xitavo	XO 3855E ↗	E3,ST	3.8	M	41.4	8.2	0	137.3	402	18
Asgrow	AG40XF1 § ↗	RXF,ST	4.0	R	41.1	8.2	0	137.3	399	19
Mustang	XFS47225 ↗	RXF,ST	4.7	M	40.9	8.5	0	140.7	397	20
Stine	42EG23 § ↗	E3	4.2	M	40.9	8.3	0	137.3	397	21
Xitavo	XO 4132E ↗	E3	4.1	M	40.9	8.8	0	139.0	397	22
Hoegemeyer	3825 E ↗	E3	3.8	M	40.5	8.3	0	139.0	393	23
Mustang	XFS46825 ↗	RXF,ST	4.6	M	40.4	8.2	0	139.0	392	24
Stine	46EG92 § ↗	E3	4.6	M	39.1	8.2	0	134.0	379	25



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Averages = **43.0** **8.3** **137.7** **417**

LSD (0.10) = 2.7 0.2 ns

LSD (0.25) = 1.4 0.1 ns

C.V. = 6.0

Historic yield: 49.57 bu/a, 10 yr(s)

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

Report Date: 10/31/2024

† 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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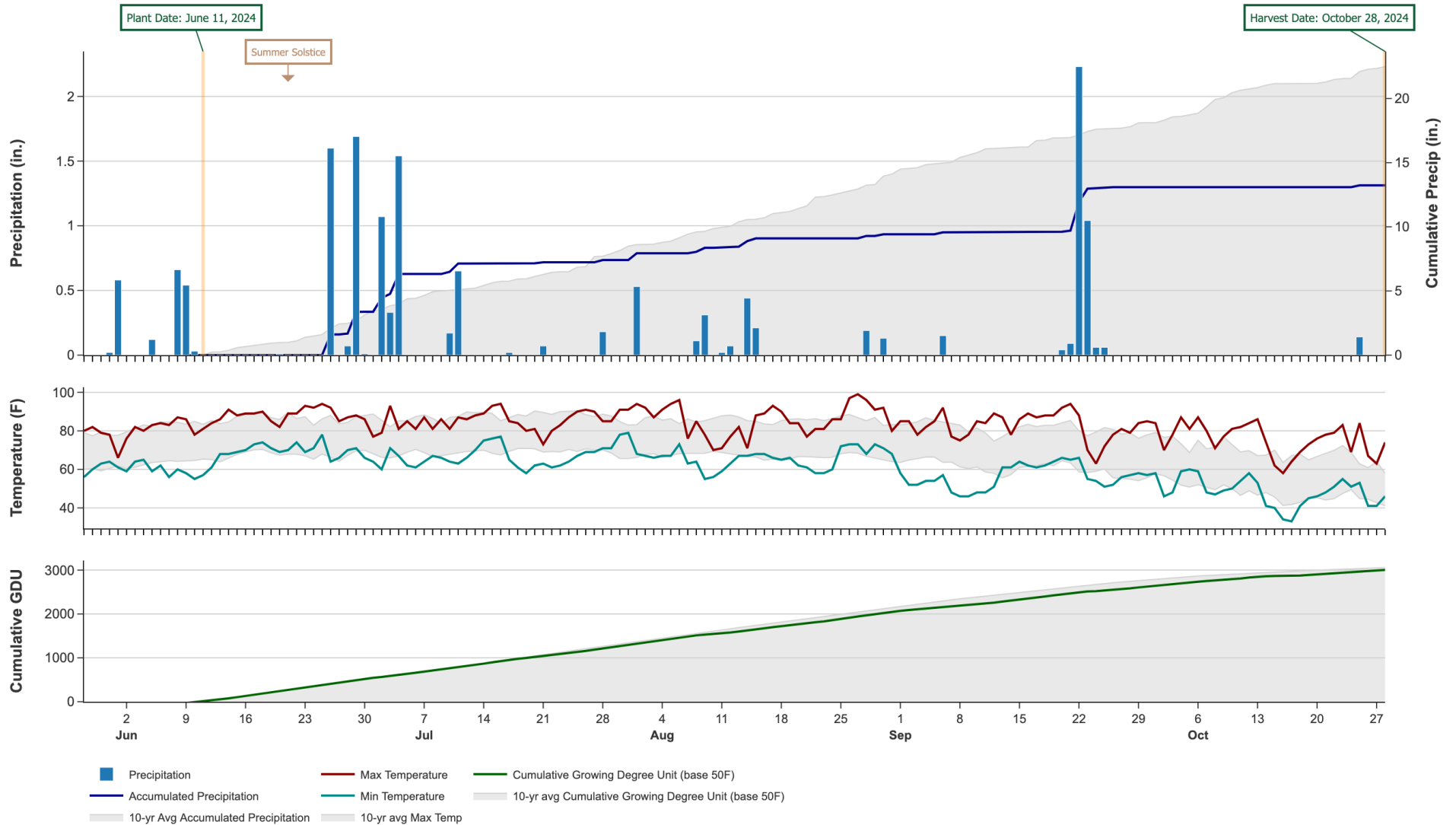
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2024 Soybeans - Kansas East Central [KSEC]

Weather Conditions Summary at LOUISBURG, KS

Weather Data Retrieved: 10/31/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	0.0 1.0 (-0.9)	5.3 4.8 (+0.5)	4.0 5.4 (-1.3)	2.0 5.6 (-3.6)	3.7 4.0 (-0.3)	0.1 4.4 (-4.2)	15.2 25.1 (-9.9)
GDU Avg (Diff)	81 76 (+4)	744 754 (-10)	782 841 (-59)	746 808 (-62)	575 627 (-52)	379 279 (+99)	3307 3387 (-80)



* 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 East Central [KSEC]

All-Season Test Products (25 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	GH4214E3S §	E3,ST	M	4.2	CMB-APX,SA
Golden Harvest	GH4433E3S §	E3,ST	M	4.4	CMB-APX,SA
Hoegemeyer	3825 E	E3	M	3.8	Lum, LumT, IL
Hoegemeyer	4355 BE	E3,ST	M	4.3	Lum, LumT, IL
Hoegemeyer	4525 E	E3	M	4.5	Lum, LumT, IL
Mustang	41E324 GC	E3	M	4.1	CMB-APX,SA
Mustang	42E225 GC	E3	M	4.2	CMB-APX,SA
Mustang	47E323	E3	M	4.7	CMB-APX,SA
Mustang	XFS46825	RXF,ST	M	4.6	CMB-APX,SA
Mustang	XFS47225	RXF,ST	M	4.7	CMB-APX,SA
Pioneer	P45A81E §	E3	R	4.5	Lum, LumT, IL
Pioneer	P45Z75E §	E3	NA	4.5	Lum, LumT, IL
Pioneer	P47Z15BE §	E3,ST	NA	4.7	Lum, LumT, IL
Stine	37EG23 §	E3	M	3.7	TFX1,SA
Stine	42EG23 §	E3	M	4.2	TFX1,SA
Stine	46EG92 §	E3	M	4.6	TFX1,SA
Xitavo	XO 3855E	E3,ST	M	3.8	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
Xitavo	XO 4405E	E3	M	4.4	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.