

Test by: Performance Crop Research Great Bend, KS

2024 Soybeans Top 30 Harvest Report

Kansas Central [KSCE] GREAT BEND, KS
Circle K Farming Partnership, Aaron Baldwin, Barton County, KS

All-Season Test	Maturity Group 3.4 - 4.7 S2024KSCE01
Top 24 of 24	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn, 2+ Yr / Laudis, Diflexx Duo, Buccaneer 5 Extra, Lexar, Verdict, Buccaneer 5 Extra
SOIL DESCRIPTION:	Elmer loam, mod. well drained, irrigated
SOIL CONDITION:	medium P, very high K, 7.2 pH, 0.9% OM, 8.0 CEC
TILLAGE/CULTIVATION:	Strip-Till
PEST MANAGEMENT:	Flumi 51 Wdg, Rt3, Banvel, Broadace Xc, Devour, Liberty, Warrant
FERTILITY - Applied N:	40 Planter, 60 Foliar Rescue
Applied N-P-K (units):	100-0-0
SEEDED - RATE - ROW:	May 3 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 3 104.5 /A

TEST COMMENTS:

Overall this season progressed very smoothly. There were no problems with planting in April and supplemental irrigation was used throughout the season to help with the lack of rainfall. There was no disease or insect pressure.

Report Date: 10/04/2024

Additional reports available at www.firstseedtests.com

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Golden Harvest	GH4663XFS § ↗	RXF,ST	4.6	M	86.0	6.0	0	106.3	860	1
Asgrow	AG39XF3 § ↗	RXF	3.9	R	75.3	5.4	0	97.0	753	2
Mustang	XFS39123 ↗	RXF,ST	3.9	M	73.9	5.7	0	102.7	739	3
Stine	46EG92 § ↗	E3	4.6	M	73.6	6.9	0	104.7	736	4
Golden Harvest	GH4775E3S § ↗	E3,ST	4.7	M	71.3	8.1	0	116.0	713	5
Xitavo	XO 3922E ↗	E3	3.9	M	70.6	6.8	0	112.3	706	6
Asgrow	AG40XF1 § ↗	RXF,ST	4.0	R	70.1	6.9	0	95.0	701	7
Mustang	XFS38623 ↗	RXF,ST	3.8	M	68.8	6.4	0	110.3	688	8
Channel	3721RXF GC ↗	RXF	3.7	MR	67.3	6.3	0	106.7	673	9
Hoegemeyer	4525 E ↗	E3	4.5	M	67.2	8.7	0	116.0	672	10
Hoegemeyer	4355 BE ↗	E3,ST	4.3	M	67.1	8.5	0	93.0	671	11
Asgrow	AG42XF4 § ↗	RXF,ST	4.2	R	66.1	7.9	0	112.7	661	12
Xitavo	XO 4405E ↗	E3	4.4	M	66.1	7.7	0	106.7	661	13
Golden Harvest	GH4433E3S § ↗	E3,ST	4.4	M	65.7	8.1	0	106.3	657	14
Xitavo	XO 3655E ↗	E3,ST	3.6	M	65.1	5.5	0	100.7	651	15
Xitavo	XO 4132E ↗	E3	4.1	M	61.9	10.4	0	106.7	619	16
Stine	42EG23 § ↗	E3	4.2	M	61.6	7.9	0	91.0	616	17
Hoegemeyer	3605 E ↗	E3	3.6	M	61.2	8.4	0	102.7	612	18
Stine	37EG23 § ↗	E3	3.7	M	55.3	6.1	0	120.0	553	19
Pioneer	P38A54E § ↗	E3	3.8	NA	53.6	6.9	0	94.7	536	20
Xitavo	XO 4255E ↗	E3,ST	4.2	M	52.7	6.7	0	104.3	527	21
Pioneer	P40A23E § ↗	E3	4.0	NA	51.6	7.0	0	92.7	516	22
Pioneer	P42A84E § ↗	E3	4.2	R	47.9	9.0	0	100.7	479	23
Xitavo	XO 3855E ↗	E3,ST	3.8	M	45.1	7.7	0	108.7	451	24

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Averages = **64.4** **7.3** **104.5** **644**

LSD (0.10) = 7.1 1.5 ns

LSD (0.25) = 3.7 0.8 ns

C.V. = 10.4

Historic yield: new site

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.04 Prices: GMO = \$10.00

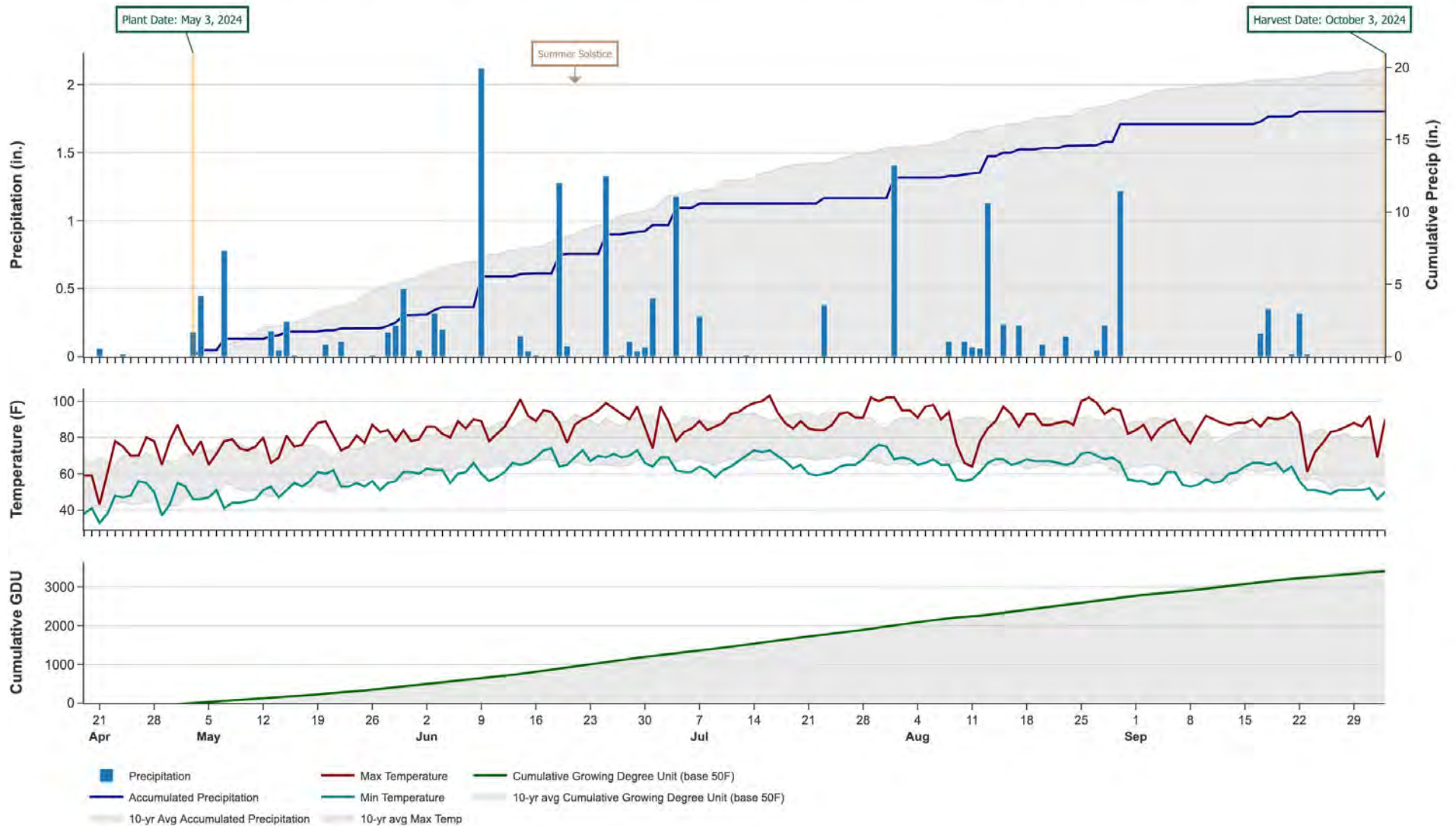
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. ↗ Links to full product yield results at www.firstseedtests.com

2024 Soybeans - Kansas Central [KSCE]

Weather Conditions Summary at GREAT BEND, KS

Weather Data Retrieved: 10/04/2024

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	0.1 1.1 (-1.0)	3.0 5.8 (-2.8)	5.8 4.7 (+1.1)	2.3 4.4 (-2.1)	5.1 3.3 (+1.8)	0.9 2.0 (-1.1)	0.0 0.1 (-0.1)	17.2 21.4 (-4.2)
GDU Avg (Diff)	112 109 (+2)	487 433 (+53)	752 748 (+3)	788 828 (-40)	769 790 (-21)	605 640 (-35)	46 48 (-2)	3559 3599 (-40)



* 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 Central [KSCE]

All-Season Test Products (24 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
Channel	3721RXF GC	RXF	MR	3.7	Untreated
Golden Harvest	GH4433E3S §	E3,ST	M	4.4	CMB-APX,SA
Golden Harvest	GH4663XFS §	RXF,ST	M	4.6	CMB-APX,SA
Golden Harvest	GH4775E3S §	E3,ST	M	4.7	CMB-APX,SA
Hoegemeyer	3605 E	E3	M	3.6	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	XFS38623	RXF,ST	M	3.8	CMB-APX,SA
Mustang	XFS39123	RXF,ST	M	3.9	CMB-APX,SA
Pioneer	P38A54E §	E3	NA	3.8	Lum, LumT, IL
Pioneer	P40A23E §	E3	NA	4.0	Lum, LumT, IL
Pioneer	P42A84E §	E3	R	4.2	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 3655E	E3,ST	M	3.6	PV,IL,OB,Rey
Xitavo	XO 3855E	E3,ST	M	3.8	PV,IL,OB,Rey
Xitavo	XO 3922E	E3	M	3.9	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 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
CMB-APX,SA	CruiserMaxx® APX with Saltro®
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
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.