

Test by: Performance Crop Research Great Bend, KS

2024 Soybeans Top 30 Harvest Report

Kansas Central [KSCE] MANHATTAN, KS

Dibben Land and Cattle, Riley County, KS

All-Season Test	Maturity Group 3.4 - 4.7 S2024KSCE03
Top 24 of 24	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Tripleflex, Harness Max, Roundup, Atrazine
SOIL DESCRIPTION:	Reading silty clay loam, mod. well drained, irrigated
SOIL CONDITION:	very high P, very high K, 6.1 pH, 2.5% OM, 15.1 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	2,4-D, Roundup, Fierce Ez, Warrant, Hero, Lucento
FERTILITY - Applied N:	52 Foliar Rescue, S - 60.5 lb/a
Applied N-P-K (units):	53-0-0
SEEDING - RATE - ROW:	Apr 21 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 11 113.5 /A

TEST COMMENTS:

This site was planted into a no-till seedbed. The trial was placed in a uniform area of the field with access to center pivot irrigation. The farmer kept the site weed-free with little disease or insect pressure due to aerial fungicide and insecticide application. Ample rainfall early in the season supplemented with later-season center pivot irrigation provided sufficient moisture for the site.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Xitavo	XO 3922E ↗	E3	3.9	M	111.9	10.7	0	119.0	1012	1
Golden Harvest	GH4433E3S § ↗	E3,ST	4.4	M	111.0	12.5	0	112.0	1003	2
Hoegemeyer	3605 E ↗	E3	3.6	M	108.6	10.7	0	117.0	982	3
Hoegemeyer	4525 E ↗	E3	4.5	M	106.1	12.9	0	124.0	959	4
Xitavo	XO 3655E ↗	E3,ST	3.6	M	105.6	11.8	0	122.0	955	5
Pioneer	P40A23E § ↗	E3	4.0	NA	104.4	11.7	0	112.0	944	6
Pioneer	P42A84E § ↗	E3	4.2	R	103.2	11.6	0	111.3	933	7
Golden Harvest	GH4775E3S § ↗	E3,ST	4.7	M	102.6	11.0	0	118.0	928	8
Mustang	XFS38623 ↗	RXF,ST	3.8	M	101.9	11.3	0	114.3	921	9
Golden Harvest	GH4663XFS § ↗	RXF,ST	4.6	M	101.8	10.3	0	126.0	920	10
Asgrow	AG39XF3 § ↗	RXF	3.9	R	100.9	10.9	0	113.3	912	11
Xitavo	XO 4132E ↗	E3	4.1	M	99.7	11.8	0	109.3	901	12
Asgrow	AG42XF4 § ↗	RXF,ST	4.2	R	98.5	10.6	0	124.0	890	13
Stine	37EG23 § ↗	E3	3.7	M	98.2	10.6	0	99.7	888	14
Hoegemeyer	4355 BE ↗	E3,ST	4.3	M	98.2	12.7	0	114.0	888	15
Xitavo	XO 4255E ↗	E3,ST	4.2	M	97.7	11.9	0	106.3	883	16
Xitavo	XO 4405E ↗	E3	4.4	M	96.4	11.4	0	129.7	871	17
Mustang	XFS39123 ↗	RXF,ST	3.9	M	95.7	10.8	0	113.0	865	18
Stine	42EG23 § ↗	E3	4.2	M	95.2	11.1	0	94.7	861	19
Stine	46EG92 § ↗	E3	4.6	M	93.8	12.4	0	115.0	848	20
Asgrow	AG40XF1 § ↗	RXF,ST	4.0	R	92.8	12.5	0	114.0	839	21
Channel	3721RXF GC ↗	RXF	3.7	MR	91.9	10.4	0	119.0	831	22
Pioneer	P38A54E § ↗	E3	3.8	NA	88.2	10.5	0	76.3	797	23
Xitavo	XO 3855E ↗	E3,ST	3.8	M	81.7	11.1	0	119.3	739	24

Melissa Nelson

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melissa.nelson@firstseedtests.com, (785) 851-0061

Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.00

Prices: GMO = \$9.04

Averages = **99.4** **11.4** **113.5** **899**

LSD (0.10) = 8.5 0.9 ns

LSD (0.25) = 4.4 0.5 ns

C.V. = 8.0

Historic yield: new site

Report Date: Oct. 13, 2024

Revised: 10/15/2024 Corrected grain price, NO change in yield or ranking

Additional reports available at www.firstseedtests.com

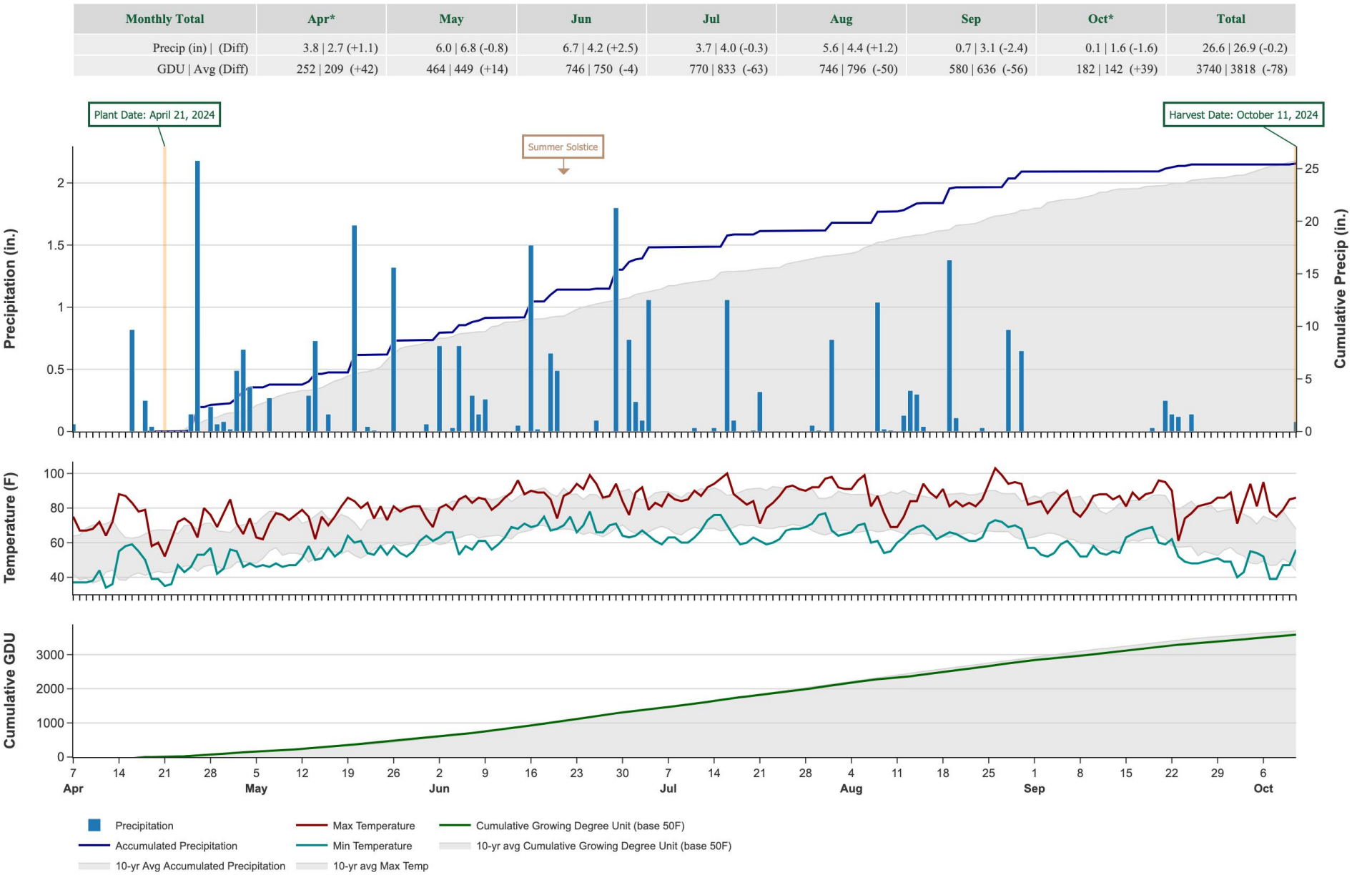
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly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

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2024 Soybeans - Kansas Central [KSCE]

Weather Conditions Summary at MANHATTAN, KS

Weather Data Retrieved: 10/15/2024



* 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 (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 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®
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.