

# 2023 Soybeans Top 30 Region Summary for Kansas East Central [KSEC]

**All-Season Test**  
**Maturity Group 3.7 - 4.7**  
S2023KSEC

**Top 30 of 35**  
For Gross Income (Sorted by Yield), (12) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	SCN	Yield Bu/A ↓	Protein (%)	Oil (%)	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Baldwin City	Bucyrus	La Cygne	Louisburg
HOEGEMEYER	4614 E ↗	E3	4.6	R	<b>40.7</b>	34.7	18.4	9.6	0	488	1	<b>40.6</b>	42.7	<b>40.5</b>	<b>38.8</b>
XITAVO	XO 4653E ↗	E3,ST	4.6	MR	<b>39.7</b>	34.8	18.2	9.9	0	476	2	<b>41.7</b>	41.5	37.1	<b>38.3</b>
GOLDEN HARVEST	GH4343XFS ↗	RXF,ST	4.3	R	<b>39.4</b>	34.8	18.4	9.6	0	473	3	<b>38.6</b>	<b>47.7</b>	34.1	<b>37.2</b>
LEWIS	4703XF ↗	RXF	4.7	R	<b>39.3</b>	34.9	18.6	9.8	0	472	4	34.8	<b>47.2</b>	<b>40.8</b>	34.3
MUSTANG	39ES823 ↗	E3,ST	3.9	MR	39.0	34.6	18.4	9.6	0	469	5	<b>38.9</b>	<b>45.8</b>	34.8	36.6
ASGROW	AG46XF2 § ↗	RXF,ST	4.6	R	<b>38.9</b>	34.6	<b>19.1</b>	9.7	0	467	6	36.5	<b>45.3</b>	37.7	36.1
MUSTANG	47E323 GC ↗	E3	4.7	R	38.6	34.8	18.7	9.5	0	464	8	37.5	41.0	<b>38.6</b>	<b>37.4</b>
GOLDEN HARVEST	GH4433E3S § ↗	E3,ST	4.4	MR	38.6	34.6	18.7	9.8	0	464	7	<b>38.6</b>	44.3	34.4	<b>37.3</b>
LEWIS	4304XF ↗	RXF	4.3	R	38.6	34.8	18.5	9.4	0	463	9	34.9	<b>47.1</b>	37.7	34.7
HOEGEMEYER	4234 E ↗	E3	4.2	R	38.5	34.9	18.5	9.4	0	462	10	35.8	<b>45.3</b>	36.6	36.3
XITAVO	XO 4522E ↗	E3	4.5	R	38.3	34.9	18.4	9.6	0	460	11	<b>39.0</b>	44.3	33.0	36.8
GOLDEN HARVEST	GH4663XFS ↗	RXF,ST	4.6	R	38.2	34.8	18.5	9.7	0	459	12	35.6	44.3	<b>39.4</b>	33.5
XITAVO	XO 4772E ↗	E3	4.7	R	38.1	34.6	18.7	9.8	0	457	13	37.0	40.5	<b>38.2</b>	36.7
NK BRAND	NK43-Y9XFS § ↗	RXF,ST	4.3	R	37.9	34.5	18.9	9.4	0	455	14	36.5	<b>45.2</b>	33.4	36.5
MUSTANG	4621XFS ↗	RXF,ST	4.6	MR	37.6	34.7	18.7	9.9	0	451	15	36.7	43.0	34.3	36.2
XITAVO	XO 4132E ↗	E3	4.1	R	37.4	34.7	18.9	9.6	0	448	16	36.7	37.8	<b>38.7</b>	36.2
MUSTANG	41E324 ↗	E3	4.1	R	37.3	34.4	<b>19.1</b>	9.6	0	448	17	37.4	38.9	36.0	37.0
MUSTANG	XF39123 ↗	RXF,ST	3.9	R	37.2	34.8	18.7	9.6	0	446	18	<b>38.5</b>	41.0	33.2	36.1
PIONEER	P42A84E GC ↗	E3	4.2	R	37.0	34.8	18.4	9.6	0	444	19	32.1	42.8	<b>39.3</b>	33.7
GOLDEN HARVEST	GH4222XF ↗	RXF	4.2	R	36.9	34.6	19.0	9.6	0	444	20	32.6	<b>46.3</b>	36.5	32.4
XITAVO	XO 4364E ↗	E3,ST	4.3	R	36.6	34.6	18.7	9.4	0	440	21	32.6	44.5	37.1	32.3
XITAVO	XO 4084E ↗	E3,ST	4.0	R	36.0	34.7	19.0	9.6	0	432	22	31.9	44.0	35.9	32.2
PIONEER	P44A91E § ↗	E3	4.4	NA	35.6	34.6	<b>19.1</b>	9.5	0	428	23	35.4	39.4	32.5	35.2
GENESIS	G4080ES ↗	E3,ST	4.0	R	35.5	34.7	18.6	9.6	0	426	24	28.2	42.0	37.9	34.0
PIONEER	P46A09E § ↗	E3	4.6	NA	35.4	34.8	18.4	9.4	0	424	25	<b>40.2</b>	38.1	33.1	30.1
NK BRAND	NK46-B4XFS § ↗	RXF,ST	4.6	R	35.3	34.4	<b>19.2</b>	9.7	0	424	26	33.7	38.3	36.0	33.4
GENESIS	G3880E ↗	E3	3.8	R	34.9	34.9	18.7	9.6	0	419	28	35.3	39.7	29.6	35.1
ASGROW	AG40XF1 § ↗	RXF,ST	4.0	R	34.9	34.8	18.9	9.6	0	419	27	35.8	38.1	32.2	33.7
STINE	38EG32 § ↗	E3	3.8	R	34.8	34.8	18.5	9.5	0	418	29	33.4	37.7	35.0	33.2
HOEGEMEYER	3894 E ↗	E3	3.8	R	34.2	34.6	18.7	9.2	0	411	30	35.3	38.6	30.1	32.9



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<b>Averages =</b>	<b>36.9</b>	<b>34.7</b>	<b>18.7</b>	<b>9.6</b>		<b>442</b>	<b>35.5</b>	<b>42.0</b>	<b>35.2</b>	<b>34.7</b>
LSD (0.10) =	2.3	0.3	0.4	0.3	ns		2.8	2.8	2.7	2.5
LSD (0.25) =	1.2	0.1	0.2	0.2	ns		1.5	1.5	1.4	1.3

Prev. years average yield for region: 45.77 bu/a, 9 yr(s)

**Yield & Income Factors:**

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.04

Prices: GMO = \$12.00

† 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 product's results at www.firstseedtests.com. Oil & Protein values average of 1 sample per location.

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## 2023 Soybeans - Kansas East Central [ KSEC ]

### All-Season Test Products (35 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	AG46XF2 §	RXF,ST	R	4.6	ACi,IL
Genesis	G3880E	E3	R	3.8	EcQ,NF,NH,SA
Genesis	G4080ES	E3,ST	R	4.0	EcQ,NF,NH,SA
Golden Harvest	GH4222XF	RXF	R	4.2	CMB-APX,SA
Golden Harvest	GH4343XFS	RXF,ST	R	4.3	CMB-APX,SA
Golden Harvest	GH4433E3S §	E3,ST	MR	4.4	CMB-APX,SA
Golden Harvest	GH4663XFS	RXF,ST	R	4.6	CMB-APX,SA
Hoegemeyer	3894 E	E3	R	3.8	Lum,Lu,IL
Hoegemeyer	4234 E	E3	R	4.2	Lum,Lu,IL
Hoegemeyer	4614 E	E3	R	4.6	Lum,Lu,IL
Lewis	4304XF	RXF	R	4.3	ACi,IL
Lewis	4703XF	RXF	R	4.7	ACi
Mustang	39ES823	E3,ST	MR	3.9	Edge-SST
Mustang	4122XFS	RXF,ST	MR	4.1	Edge-SST
Mustang	41E324	E3	R	4.1	Edge-SST
Mustang	4621XFS	RXF,ST	MR	4.6	Edge-SST
Mustang	47E323 GC	E3	R	4.7	Edge-SST
Mustang	XF39123	RXF,ST	R	3.9	Edge-SST
NK Brand	NK43-Y9XFS §	RXF,ST	R	4.3	CMB-APX,SA
NK Brand	NK46-B4XFS §	RXF,ST	R	4.6	CMB-APX,SA
Pioneer	P42A84E GC	E3	R	4.2	Lum, LumT, IL
Pioneer	P44A91E §	E3	NA	4.4	Lum, LumT, IL
Pioneer	P45A81E §	E3	R	4.5	Lum, LumT, IL
Pioneer	P46A09E §	E3	NA	4.6	Lum, LumT, IL
Stine	37EG23 §	E3	R	3.7	ACi
Stine	37FD02 §	RXF	R	3.7	ACi
Stine	38EG32 §	E3	R	3.8	ACi
Xitavo	XO 4084E	E3,ST	R	4.0	PV,IL,OB,Rey
Xitavo	XO 4132E	E3	R	4.1	PV,IL,OB,Rey
Xitavo	XO 4364E	E3,ST	R	4.3	PV,IL,OB,Rey
Xitavo	XO 4522E	E3	R	4.5	PV,IL,OB,Rey
Xitavo	XO 4653E	E3,ST	MR	4.6	PV,IL,OB,Rey
Xitavo	XO 4772E	E3	R	4.7	PV,IL,OB,Rey

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

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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

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S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

### Soybeans Technologies

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E3	Enlist E3®
RXF	XtendFlex®
ST	Sulfonylurea tolerant

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### Soybeans Seed Treatments\*

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NA	Not Available
ACi	Acceleron® Standard Insecticide-Fungicide
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
CMB-APX,SA	CruiserMaxx® APX with Saltro®
EcQ,NF,NH,SA	Eclipse US Total Quad-R, N-Force, N-Hibit, Saltro
Edge-SST	Cruiser®, Apron XL®, Maxim®, Dynasty®, Mertect®, Optimize®, Saltro® (Midland Genetics)
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®

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\* Seed treatments may include unspecified plant health promoting components.