

Test by: Agri Seed Research, LLC Louisburg, KS

## 2022 Soybeans Top 30 Harvest Report

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

<b>All-Season Test</b>	Maturity Group <b>3.7 - 4.7</b> S2022KSEC02
<b>Top 30 of 37</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Acetochlor, Atrazine
<b>SOIL DESCRIPTION:</b>	Grundy silty clay loam, moderately drained, non- irrigated
<b>SOIL CONDITION:</b>	medium P, low K, 7.5 pH, 3.0% OM, 20.2 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/O Fall Till
<b>PEST MANAGEMENT:</b>	Glyphosate, 2,4-D, Sharpen, Sencor, Zone, Liberty, Lambdastar
<b>Applied N-P-K (units):</b>	0-45-50
<b>SEEDED - RATE - ROW:</b>	Jun 16 145.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 21 138.3 /A

### TEST COMMENTS:

*This site was planted into a clean tilled seedbed, with plenty of moisture. Plants emerged evenly and looked good at V2. This site had no rain from June 10 to July 24 with above-average temperatures, yet the soybeans slowly continued to grow. A nice 3.6-inch rain fell on July 25. This site caught a couple of rains in August, then September was dry. Plants were standing well at harvest. Great weed control.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
DONMARIO	DM41F33S ↗	RXF,ST	4.1	R	<b>51.6</b>	9.9	0	142.3	717	1
Hoegemeyer	4503 E ↗	E3	4.5	R	<b>50.4</b>	10.5	0	134.0	701	2
Xitavo	XO 4132E ↗	E3	4.1	R	<b>50.3</b>	10.0	0	137.3	699	3
Xitavo	XO 4653E ↗	E3,ST	4.6	MR	<b>49.8</b>	10.5	0	137.3	692	4
Pioneer	P46A09E § ↗	E3	4.6	NA	<b>49.7</b>	10.6	0	139.0	691	5
Midland Genetics	3999E3 ↗	E3	3.9	R	<b>49.6</b>	10.2	0	137.3	689	6
Xitavo	XO 3861E ↗	E3	3.8	R	48.3	10.0	0	140.7	671	7
Pioneer	P40A23E GC ↗	E3	4.0	NA	48.0	9.9	0	137.3	667	8
Lewis	3834XF ↗	RXF	3.8	R	47.7	10.1	0	139.0	663	9
NK Brand	NK45-V9E3 § ↗	E3	4.5	R	47.6	10.3	0	139.0	662	10
Lewis	4703XF ↗	RXF	4.7	R	47.6	11.1	0	140.7	662	11
Pioneer	P44A91E § ↗	E3	4.4	NA	47.4	10.5	0	139.0	659	12
Midland Genetics	4221XFS ↗	RXF,ST	4.2	MR	47.3	9.9	0	137.3	657	13
Hoegemeyer	4123 E ↗	E3	4.1	R	47.3	10.3	0	135.7	657	14
Lewis	4533XF ↗	RXF	4.5	R	47.0	10.4	0	144.0	653	15
NK Brand	NK44-J4XFS § ↗	RXF,ST	4.4	R	46.8	10.1	0	136.5	651	16
Hoegemeyer	3953 E ↗	E3	3.9	R	46.8	10.1	0	142.3	651	17
Lewis	3910XF ↗	RXF	3.9	R	46.4	10.0	0	139.0	645	18
Asgrow	AG39XF3 § ↗	RXF	3.9	R	46.1	10.0	0	139.0	641	19
Xitavo	XO 3803E ↗	E3,ST	3.8	MR	45.9	9.7	0	137.3	638	20
Xitavo	XO 4522E ↗	E3	4.5	R	45.8	10.5	0	139.0	637	21
Midland Genetics	4412E3S ↗	E3,ST	4.4	MR	45.4	10.2	0	134.0	631	22
Hoegemeyer	4743 E ↗	E3	4.7	R	45.4	10.8	0	139.0	631	23
Stine	38EF32 § ↗	E3	3.8	R	45.1	10.1	0	139.0	627	24
Xitavo	XO 4722E ↗	E3	4.7	MR	45.0	10.9	0	139.0	626	25
Asgrow	AG46XF2 § ↗	RXF,ST	4.6	R	44.3	11.2	0	134.0	616	26
Midland Genetics	4602E3S ↗	E3,ST	4.6	NA	44.3	11.0	0	140.7	616	27
Golden Harvest	GH4343XFS § ↗	RXF,ST	4.3	R	44.2	10.0	0	142.3	614	28
Lewis	4211XF ↗	RXF,ST	4.2	R	44.2	10.0	0	135.7	614	29
Midland Genetics	4621XFS ↗	RXF,ST	4.6	MR	44.0	10.8	0	137.3	612	30

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Averages = **46.2** **10.3** **138.3** **642**

LSD (0.10) = 2.9 0.2 ns

LSD (0.25) = 1.5 0.1 ns

C.V. = 5.9

Historic yield: 52.59 bu/a, 8 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$13.90

Report Date: 10/22/2022

† 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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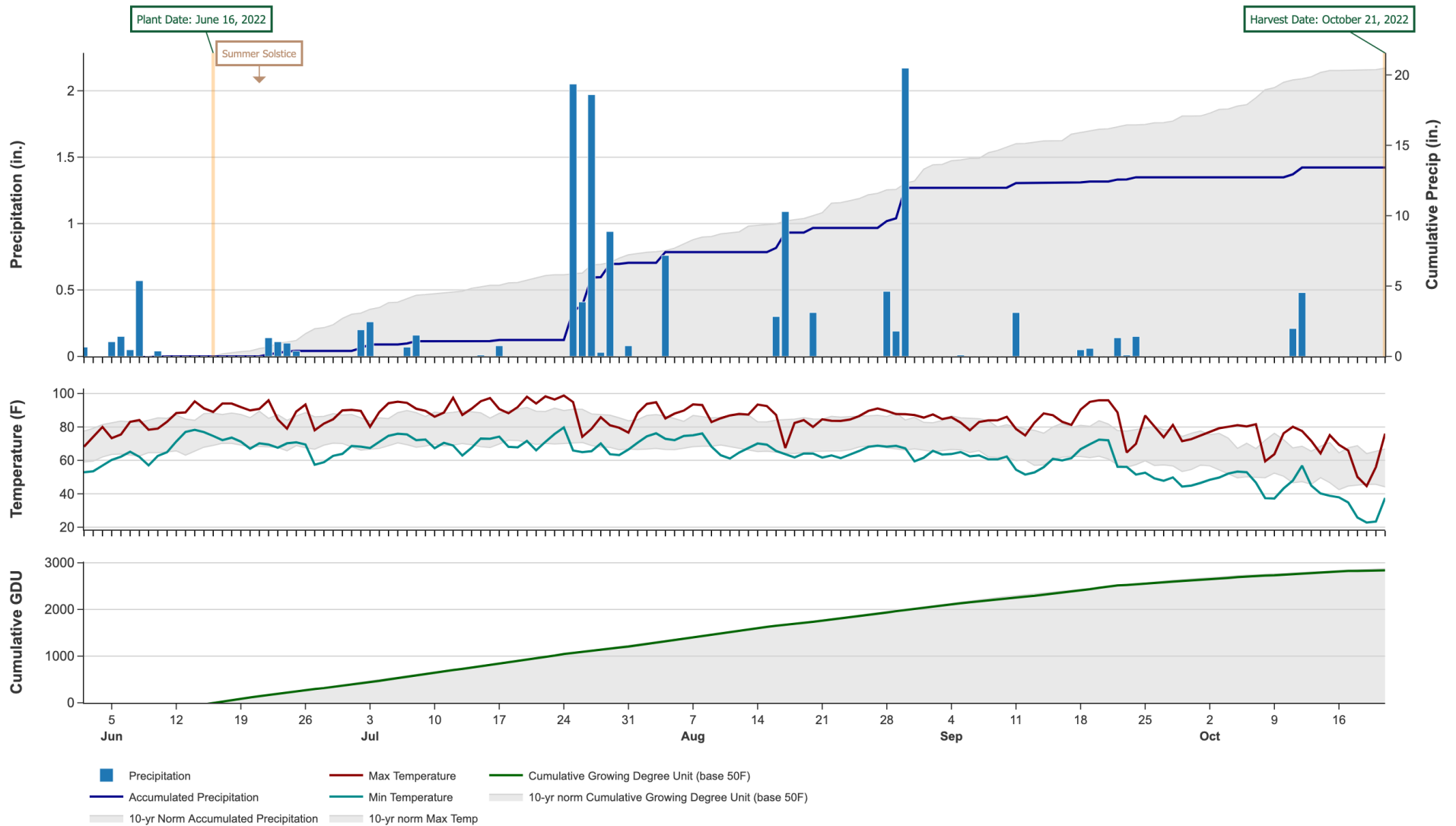
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# 2022 Soybeans - Kansas East Central [ KSEC ]

## Weather Conditions Summary at LOUISBURG, KS

Weather Data Retrieved: 10/22/2022

Monthly Total	Jun*	Jul	Aug	Sep	Oct*	Total
Precip (in)   Normal (Diff)	1.4   4.7 (-3.3)	6.3   4.5 (+1.7)	5.3   5.2 (+0.1)	0.8   4.6 (-3.9)	0.7   3.4 (-2.7)	14.4   22.5 (-8.1)
GDU   Normal (Diff)	706   735 (-29)	842   848 (-6)	807   804 (+2)	607   620 (-13)	220   219 (0)	3182   3228 (-46)



\* 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.

## 2022 Soybeans - Kansas East Central [ KSEC ]

### All-Season Test Products (37 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG39XF3 §	RXF	R	3.9	ACi,IL
Asgrow	AG41XF2 §	RXF	R	4.1	ACi,IL
Asgrow	AG46XF2 §	RXF,ST	R	4.6	ACi,IL
DONMARIO	DM41F33S	RXF,ST	R	4.1	CMBV
DONMARIO	DM45F23	RXF	S	4.5	CMBV
Golden Harvest	GH4222XF	RXF	R	4.2	CMBV,SA
Golden Harvest	GH4343XFS §	RXF,ST	R	4.3	CMBV,SA
Hoegemeyer	3953 E	E3	R	3.9	Lum,Lu,IL
Hoegemeyer	4123 E	E3	R	4.1	Lum,Lu,IL
Hoegemeyer	4503 E	E3	R	4.5	Lum,Lu,IL
Hoegemeyer	4743 E	E3	R	4.7	Lum,Lu,IL
Lewis	3834XF	RXF	R	3.8	ACi
Lewis	3910XF	RXF	R	3.9	ACi
Lewis	4211XF	RXF,ST	R	4.2	ACi
Lewis	4533XF	RXF	R	4.5	ACi
Lewis	4703XF	RXF	R	4.7	ACi
Midland Genetics	3999E3	E3	R	3.9	Edge-SST
Midland Genetics	4221XF5	RXF,ST	MR	4.2	Edge-SST
Midland Genetics	4412E3S	E3,ST	MR	4.4	Edge-SST
Midland Genetics	4602E3S	E3,ST	NA	4.6	Edge-SST
Midland Genetics	4621XF5	RXF,ST	MR	4.6	Edge-SST
NK Brand	NK44-J4XFS §	RXF,ST	R	4.4	CMBV,SA
NK Brand	NK45-V9E3 §	E3	R	4.5	CMBV,SA
Pioneer	P38A54E GC	E3	NA	3.8	Lum,Lu,IL
Pioneer	P40A23E GC	E3	NA	4.0	Lum,Lu,IL
Pioneer	P42A84E §	E3	R	4.2	Lum,Lu,IL
Pioneer	P44A91E §	E3	NA	4.4	Lum,Lu,IL
Pioneer	P46A09E §	E3	NA	4.6	Lum,Lu,IL
Stine	38EF32 §	E3	R	3.8	SFI
Stine	41EE62 §	E3	R	4.1	SFI
Stine	44EE20 §	E3	R	4.4	SFI
Xitavo	XO 3803E	E3,ST	MR	3.8	PV,IL,OB,Rey
Xitavo	XO 3861E	E3	R	3.8	PV,IL,OB,Rey
Xitavo	XO 4132E	E3	R	4.1	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 4722E	E3	MR	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	Roundup Ready 2 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
CMBV	CruiserMaxx® Beans, Vibrance®
CMBV,SA	Cruisermaxx® Beans, Vibrance®, Salto®
Edge-SST	Cruiser®, Apron XL®, Maxim®, Dynasty®, Mertect®, Optimize®, Salto® (Midland Genetics)
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
SFI	Stine XP F&I

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