

Test by: Agri Seed Research, LLC Louisburg, KS

## 2022 Soybeans Top 30 Harvest Report

Kansas East Central [KSEC] BALDWIN CITY, KS  
Luke Ulrich, Douglas County, KS 66006

<b>All-Season Test</b>	Maturity Group <b>3.7 - 4.7</b> S2022KSEC04
<b>Top 30 of 37</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Metolachlor, Atrazine
<b>SOIL DESCRIPTION:</b>	Martin silty clay loam, moderately drained, non- irrigated
<b>SOIL CONDITION:</b>	medium P, low K, 7.4 pH, 3.1% OM, 21.0 CEC
<b>TILLAGE/CULTIVATION:</b>	No-Till
<b>PEST MANAGEMENT:</b>	Glyphosate, 2,4-D, Metric, Panther Sc
<b>Applied N-P-K (units):</b>	0-25-25
<b>SEDED - RATE - ROW:</b>	Jun 15 145.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 21 137.7 /A

### TEST COMMENTS:

*This site was planted into a clean seedbed and emerged evenly. June was warmer than average with some spotty showers. July and August were hot and dry, with some showers at the end of July. Plants looked good at harvest and were standing well. Some pods had blanks in spots where a soybean should have been. Great weed control.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hoegemeyer	4743 E ↗	E3	4.7	R	<b>49.8</b>	10.5	0	142.3	692	1
Pioneer	P44A91E § ↗	E3	4.4	NA	<b>48.9</b>	10.4	0	140.7	680	2
NK Brand	NK44-J4XFS § ↗	RXF,ST	4.4	R	<b>48.0</b>	10.3	0	141.5	667	3
Lewis	4703XF ↗	RXF	4.7	R	<b>47.1</b>	10.6	0	137.3	655	4
Hoegemeyer	4123 E ↗	E3	4.1	R	<b>47.0</b>	11.0	0	137.3	653	5
Lewis	4211XF ↗	RXF,ST	4.2	R	<b>46.4</b>	10.7	0	135.7	645	6
Hoegemeyer	4503 E ↗	E3	4.5	R	<b>46.3</b>	10.4	0	134.0	644	7
Xitavo	XO 3861E ↗	E3	3.8	R	45.7	10.2	0	134.0	635	8
Midland Genetics	4412E3S ↗	E3,ST	4.4	MR	45.5	10.8	0	139.0	632	9
Golden Harvest	GH4343XFS § ↗	RXF,ST	4.3	R	45.4	10.6	0	135.7	631	10
DONMARIO	DM45F23 ↗	RXF	4.5	S	45.2	10.5	0	135.7	628	11
Asgrow	AG46XF2 § ↗	RXF,ST	4.6	R	45.1	10.6	0	137.3	627	12
Hoegemeyer	3953 E ↗	E3	3.9	R	45.1	10.8	0	140.7	627	13
Stine	38EF32 § ↗	E3	3.8	R	44.7	10.3	0	135.7	621	14
Midland Genetics	4621XFS ↗	RXF,ST	4.6	MR	44.6	10.2	0	139.0	620	15
Xitavo	XO 4522E ↗	E3	4.5	R	44.5	10.5	0	137.3	619	16
Stine	41EE62 § ↗	E3	4.1	R	44.4	10.8	0	139.0	617	17
Pioneer	P42A84E § ↗	E3	4.2	R	43.8	10.5	0	142.3	609	18
Xitavo	XO 3803E ↗	E3,ST	3.8	MR	43.8	10.7	0	137.3	609	19
Xitavo	XO 4132E ↗	E3	4.1	R	43.5	10.5	0	139.0	605	20
Stine	44EE20 § ↗	E3	4.4	R	42.3	10.2	0	137.3	588	21
Pioneer	P40A23E GC ↗	E3	4.0	NA	42.2	10.0	0	139.0	587	22
Lewis	3834XF ↗	RXF	3.8	R	42.0	10.4	0	135.7	584	23
Lewis	4533XF ↗	RXF	4.5	R	41.9	10.1	0	135.7	582	24
Midland Genetics	4602E3S ↗	E3,ST	4.6	NA	41.9	10.9	0	135.7	582	25
Midland Genetics	4221XFS ↗	RXF,ST	4.2	MR	41.7	10.1	0	137.3	580	26
Pioneer	P46A09E § ↗	E3	4.6	NA	41.5	10.7	0	135.7	577	27
Golden Harvest	GH4222XF ↗	RXF	4.2	R	41.4	10.4	0	139.0	575	28
NK Brand	NK45-V9E3 § ↗	E3	4.5	R	40.9	10.5	0	139.0	569	29
Pioneer	P38A54E GC ↗	E3	3.8	NA	40.5	9.9	0	130.7	563	30



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Averages = **43.4**    **10.5**       **137.7**    **604**

LSD (0.10) = 2.5    0.1    ns

LSD (0.25) = 1.3    0.1    ns

C.V. = 5.5

Historic yield: 48.3 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

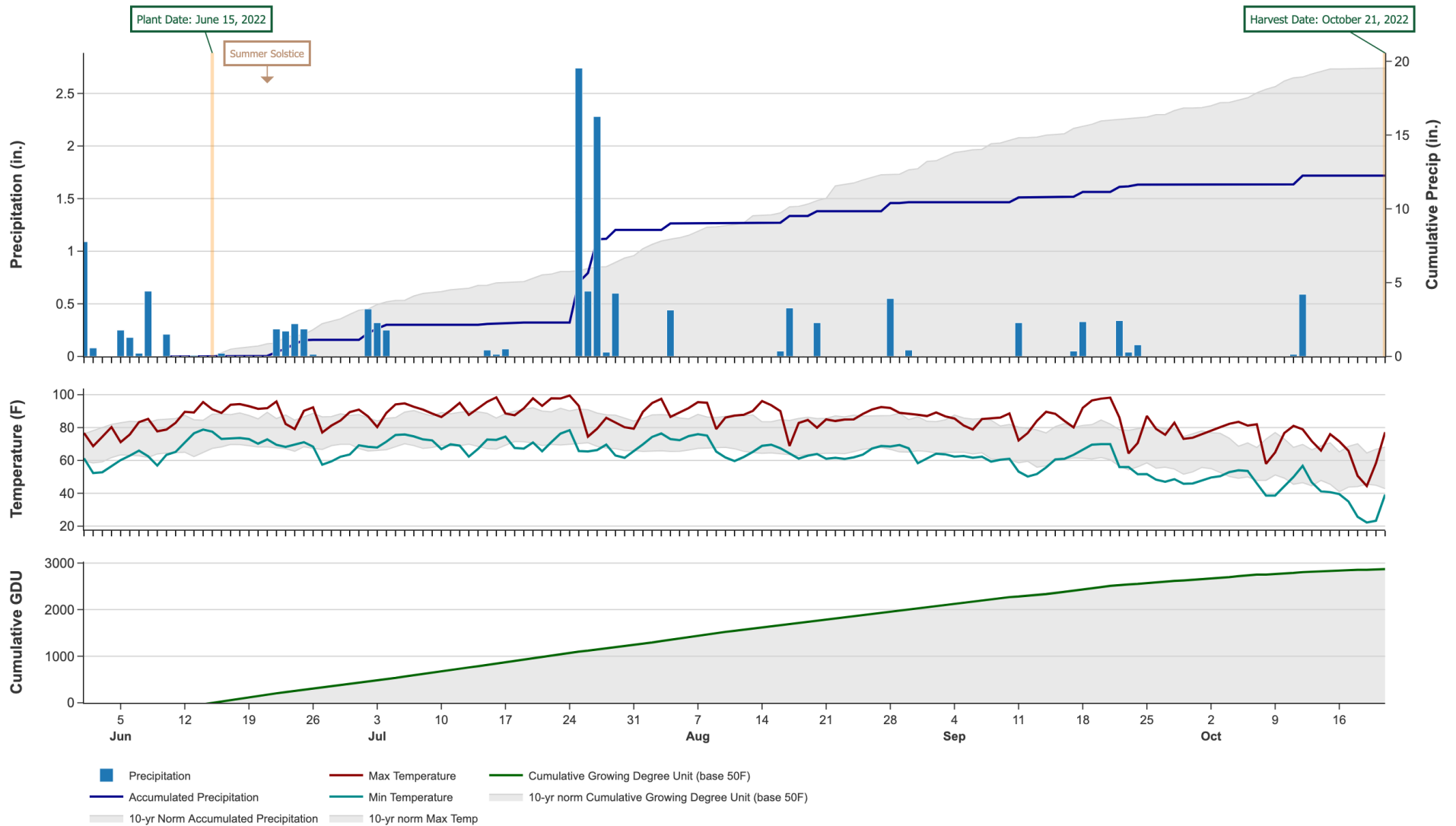
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# 2022 Soybeans - Kansas East Central [ KSEC ]

## Weather Conditions Summary at BALDWIN CITY, KS

Monthly Total	Jun*	Jul	Aug	Sep	Oct*	Total
Precip (in)   Normal (Diff)	3.6   4.8 (-1.2)	7.5   4.0 (+3.5)	1.9   5.9 (-4.0)	1.2   4.1 (-2.9)	0.6   2.7 (-2.1)	14.7   21.5 (-6.8)
GDU   Normal (Diff)	726   750 (-24)	841   843 (-2)	799   793 (+5)	603   612 (-9)	230   223 (+6)	3199   3222 (-23)



\* 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®, Saltro®
Edge-SST	Cruiser®, Apron XL®, Maxim®, Dynasty®, Mertect®, Optimize®, Saltro® (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.