

Test by: Agri Seed Research, LLC Louisburg, KS

## 2022 Soybeans Top 30 Harvest Report

Kansas Northeast [KSNE] VERMILLION, KS  
Jack Boyle, Marshall County, KS 66544

<b>All-Season Test</b>	Maturity Group <b>3.4 - 4.4</b> S2022KSNE07
<b>Top 30 of 43</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Glyphosate, Prefix, Dicamba
<b>SOIL DESCRIPTION:</b>	Wymore silty clay loam, moderately drained, non- irrigated
<b>SOIL CONDITION:</b>	high P, medium K, 6.7 pH, 4.1% OM, 18.3 CEC
<b>TILLAGE/CULTIVATION:</b>	No-Till
<b>PEST MANAGEMENT:</b>	Glyphosate, Authority, Metribuzin
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEDED - RATE - ROW:</b>	Jun 3 145.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 26 139.9 /A

### TEST COMMENTS:

*This site was planted into a clean seedbed in a bottom field next to the creek. Soybeans emerged fast and looked great at V2. A thick layer of topsoil really helped this site yield with the dry weather. June, July and August were hot and on the drier side, with hit-and-miss showers throughout the area. Jack called me a couple of different times this summer to tell me how good this plot looked. Plants were tall and standing well at harvest. Excelent weed control.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Pioneer	P38A54E § ↗	E3	3.8	NA	<b>53.2</b>	12.1	0	137.3	739	1
Hoegemeyer	3953 E ↗	E3	3.9	R	<b>52.7</b>	12.2	0	140.7	733	2
Lewis	3910XF ↗	RXF	3.9	R	<b>52.3</b>	11.6	0	139.0	727	3
Midland Genetics	3999E3 ↗	E3	3.9	R	<b>51.8</b>	11.8	0	140.7	720	4
Genesis	G3970ES ↗	E3,ST	3.9	R	51.1	11.5	1	139.0	710	5
Golden Harvest	GH4392XF ↗	RXF	4.3	MR	50.8	11.5	2	135.7	706	6
Midland Genetics	4260E3S ↗	E3,ST	4.2	MR	50.7	11.7	0	140.7	705	7
NK Brand	NK38-G9XF ↗	RXF	3.8	R	50.4	12.2	0	139.0	701	8
Genesis	G3760ES ↗	E3,ST	3.7	R	50.0	12.0	1	139.0	695	9
DONMARIO	DM41F33S ↗	RXF,ST	4.1	R	49.9	11.9	0	140.7	694	10
Pioneer	P40A23E § ↗	E3	4.0	NA	49.8	11.9	0	135.7	692	11
Xitavo	XO 4132E ↗	E3	4.1	R	49.5	12.6	0	139.0	688	12
Genesis	G3460ES ↗	E3,ST	3.4	R	49.5	11.9	0	139.0	688	13
Asgrow	AG39XF3 § ↗	RXF	3.9	R	49.3	11.9	0	139.0	685	14
Xitavo	XO 3861E ↗	E3	3.8	R	49.0	11.7	0	139.0	681	15
Midland Genetics	38X63 ↗	RXF,ST	3.7	MR	49.0	12.3	0	142.3	681	16
Lewis	3834XF ↗	RXF	3.8	R	48.9	11.5	0	139.0	680	17
Xitavo	XO 3651E ↗	E3	3.6	R	48.9	11.9	0	145.7	680	18
Lewis	4211XF ↗	RXF,ST	4.2	R	48.8	11.9	0	140.7	678	19
Stine	41EE62 § ↗	E3	4.1	R	48.7	12.0	0	142.3	677	20
Dyna-Gro	S42XF93S ↗	RXF,ST	4.2	MR	48.7	12.0	0	137.3	677	21
Stine	38EF32 § ↗	E3	3.8	R	48.5	11.8	0	140.7	674	22
Dyna-Gro	S39XF41 ↗	RXF,ST	3.9	MR	48.3	12.0	0	140.7	671	23
Xitavo	XO 3752E ↗	E3	3.7	R	48.3	11.9	0	142.3	671	24
Lewis	4304XF ↗	RXF	4.3	R	48.2	11.7	0	140.7	670	25
Hoegemeyer	3413 E ↗	E3	3.4	R	47.9	11.7	0	139.0	666	26
Pioneer	P42A84E § ↗	E3	4.2	R	47.9	11.9	0	140.7	666	27
Midland Genetics	3522XF ↗	RXF	3.5	MR	47.8	11.7	0	139.0	664	28
Xitavo	XO 4371E ↗	E3	4.3	R	47.5	12.1	0	139.0	660	29
Golden Harvest	GH3913XF § ↗	RXF	3.9	R	47.4	11.7	0	140.7	659	30



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Averages = **48.4** **11.9** **0** **139.9** **673**

LSD (0.10) = 2.8 ns 0

LSD (0.25) = 1.5 ns 0

C.V. = 5.5

Historic yield: 52.13 bu/a, 9 yr(s)

### Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.04

Prices: GMO = \$13.90

Report Date: 10/28/2022

† 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

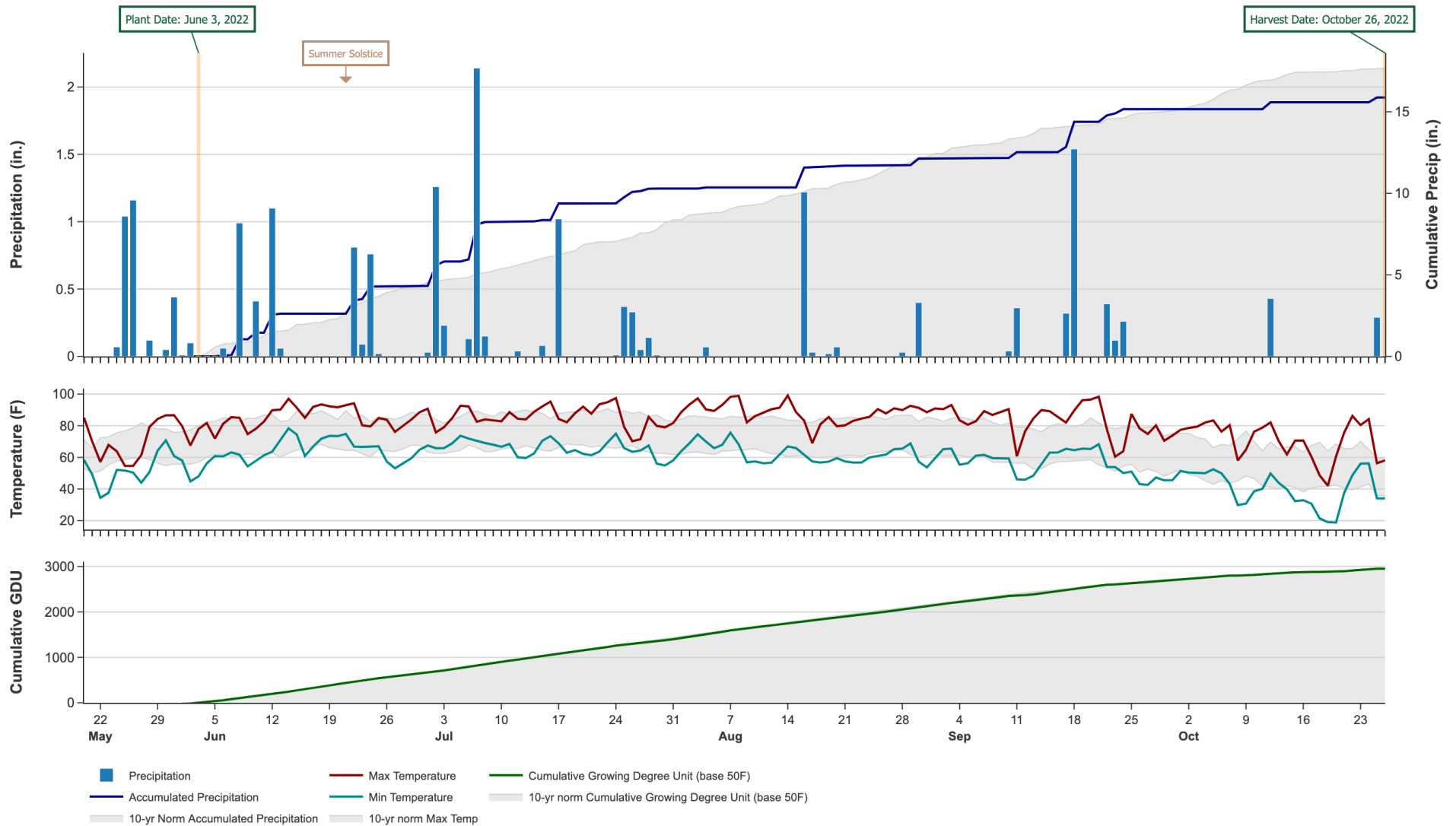
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# 2022 Soybeans - Kansas Northeast [ KSNE ]

## Weather Conditions Summary at VERMILLION, KS

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   Normal (Diff)	2.9   2.8 (+0.1)	4.4   4.8 (-0.3)	6.0   4.0 (+2.0)	1.8   3.9 (-2.0)	3.0   2.8 (+0.2)	0.7   2.6 (-1.9)	18.9   20.8 (-2.0)
GDU   Normal (Diff)	151   188 (-37)	683   705 (-22)	757   785 (-28)	727   731 (-4)	571   550 (+20)	255   223 (+31)	3144   3184 (-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.

## 2022 Soybeans - Kansas Northeast [ KSNE ]

### All-Season Test Products (43 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG35XF1 §	RXF	R	3.5	ACi
Asgrow	AG39XF3 §	RXF	R	3.9	ACi,IL
Asgrow	AG41XF2 §	RXF	R	4.1	ACi,IL
DONMARIO	DM36F62S	RXF,ST	NA	3.6	CMBV
DONMARIO	DM41F33S	RXF,ST	R	4.1	CMBV
Dyna-Gro	S37XF33	RXF	MR	3.7	EQV,Sa,Va
Dyna-Gro	S39XF41	RXF,ST	MR	3.9	EQV,Sa,Va
Dyna-Gro	S42XF93S	RXF,ST	MR	4.2	EQV,Sa,Va
Genesis	G3460ES	E3,ST	R	3.4	EcTC,SA
Genesis	G3760ES	E3,ST	R	3.7	EcTC,SA
Genesis	G3970ES	E3,ST	R	3.9	EcTC,SA
Golden Harvest	GH3883XF §	RXF	R	3.8	CMBV,SA
Golden Harvest	GH3913XF §	RXF	R	3.9	CMBV,SA
Golden Harvest	GH4222XF	RXF	R	4.2	CMBV,SA
Golden Harvest	GH4392XF	RXF	MR	4.3	CMBV,SA
Hoegemeyer	3413 E	E3	R	3.4	Lum,Lu,IL
Hoegemeyer	3953 E	E3	R	3.9	Lum,Lu,IL
Hoegemeyer	4123 E	E3	R	4.1	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	4304XF	RXF	R	4.3	ACi
Midland Genetics	3522XF	RXF	MR	3.5	Edge-SST
Midland Genetics	38X63	RXF,ST	MR	3.7	Edge-SST
Midland Genetics	3999E3	E3	R	3.9	Edge-SST
Midland Genetics	4221XFS	RXF,ST	MR	4.2	Edge-SST
Midland Genetics	4260E3S	E3,ST	MR	4.2	Edge-SST
NK Brand	NK38-G9XF	RXF	R	3.8	CMBV,SA
NK Brand	NK40-P5E3 §	E3	R	4.0	CMBV,SA
NK Brand	NK42-T5XF	RXF	R	4.2	CMBV,SA
Pioneer	P38A54E §	E3	NA	3.8	Lum,Lu,IL
Pioneer	P39T61SE GC	E3,ST	NA	3.9	Lum,Lu,IL
Pioneer	P40A23E §	E3	NA	4.0	Lum,Lu,IL
Pioneer	P42A84E §	E3	R	4.2	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 3651E	E3	R	3.6	PV,IL,OB,Rey
Xitavo	XO 3752E	E3	R	3.7	PV,IL,OB,Rey
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

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Xitavo	XO 4371E	E3	R	4.3	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®
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro®
Edge-SST	Cruiser®, Apron XL®, Maxim®, Dynasty®, Mertect®, Optimize®, Saltro® (Midland Genetics)
EQV,Sa,Va	Equity VIP, Saltro®, Vayantis
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.