

Test by: Agri Seed Research, LLC Louisburg, KS

2022 Soybeans Top 30 Harvest Report

Kansas Northeast [KSNE] ONAGA, KS

Travis Greene, Pottawatomie County, KS 66418

All-Season Test	Maturity Group 3.4 - 4.4 S2022KSNE06
Top 30 of 43	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Glyphosate, Surestart
SOIL DESCRIPTION:	Tulley silty clay loam, moderately drained, non-irrigated
SOIL CONDITION:	low P, low K, 7.7 pH, 2.7% OM, 21.5 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Glyphosate, Dicamba, Valor, Metribuzin
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	Jun 2 145.0 /A 30" spacing
HARVESTED - STAND:	Oct 19 138.8 /A

TEST COMMENTS:

This site was planted into a clean seedbed and emerged quickly due to the warm weather. June brought a couple of showers, and July and August were hot and dry. Plants showed signs of stress in August. Plants were shorter than normal but standing well at harvest. Some pods had shriveled or were missing soybeans in them at harvest. Good weed control.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Midland Genetics	4260E3S ↗	E3,ST	4.2	MR	36.4	10.5	0	137.3	506	1
Xitavo	XO 3752E ↗	E3	3.7	R	36.2	9.8	0	140.7	503	2
Pioneer	P42A84E § ↗	E3	4.2	R	36.1	9.9	0	142.3	502	3
Hoegemeyer	3953 E ↗	E3	3.9	R	36.1	10.1	0	142.3	502	4
Xitavo	XO 3861E ↗	E3	3.8	R	35.8	9.8	0	137.3	498	5
Genesis	G3460ES ↗	E3,ST	3.4	R	35.8	9.8	0	137.3	498	6
Pioneer	P39T61SE GC ↗	E3,ST	3.9	NA	35.3	9.9	0	132.3	491	7
Stine	41EE62 § ↗	E3	4.1	R	35.2	10.1	0	140.7	489	8
Midland Genetics	3522XF ↗	RXF	3.5	MR	34.8	10.2	0	140.7	484	9
Dyna-Gro	S42XF93S ↗	RXF,ST	4.2	MR	34.7	9.8	0	142.3	482	10
Pioneer	P38A54E § ↗	E3	3.8	NA	34.4	9.9	0	142.3	478	11
DONMARIO	DM36F62S ↗	RXF,ST	3.6	NA	34.0	10.1	0	134.0	473	12
Asgrow	AG39XF3 § ↗	RXF	3.9	R	33.8	10.1	0	140.7	470	13
Xitavo	XO 3803E ↗	E3,ST	3.8	MR	33.7	10.8	0	137.3	468	14
Stine	44EE20 § ↗	E3	4.4	R	33.5	10.5	0	137.3	466	15
Dyna-Gro	S39XF41 ↗	RXF,ST	3.9	MR	33.5	9.9	0	140.7	466	16
Golden Harvest	GH3913XF § ↗	RXF	3.9	R	33.5	10.0	0	137.3	466	17
DONMARIO	DM41F33S ↗	RXF,ST	4.1	R	33.4	9.9	0	142.3	464	18
Midland Genetics	4221XFS ↗	RXF,ST	4.2	MR	33.3	9.8	0	139.0	463	19
Golden Harvest	GH3883XF § ↗	RXF	3.8	R	33.1	10.1	0	139.0	460	20
Midland Genetics	3999E3 ↗	E3	3.9	R	32.7	10.1	0	135.7	455	21
Xitavo	XO 3651E ↗	E3	3.6	R	32.6	10.1	0	139.0	453	22
Genesis	G3760ES ↗	E3,ST	3.7	R	32.5	9.9	0	134.0	452	23
Stine	38EF32 § ↗	E3	3.8	R	32.5	10.0	0	140.7	452	24
NK Brand	NK42-T5XF ↗	RXF	4.2	R	32.5	10.0	0	139.0	452	25
Asgrow	AG41XF2 § ↗	RXF	4.1	R	32.4	9.8	0	139.0	450	26
NK Brand	NK40-P5E3 § ↗	E3	4.0	R	32.2	10.1	0	139.0	448	27
Golden Harvest	GH4392XF ↗	RXF	4.3	MR	32.2	10.2	0	139.0	448	28
Hoegemeyer	4123 E ↗	E3	4.1	R	32.1	9.8	0	139.0	446	29
Lewis	3834XF ↗	RXF	3.8	R	32.0	10.0	0	140.7	445	30



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Averages = **32.7** **10.0** **138.8** **455**

LSD (0.10) = 2.3 0.1 ns

LSD (0.25) = 1.2 0.1 ns

C.V. = 6.6 Historic yield: 43.28 bu/a, 5 yr(s)

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

Report Date: 10/21/2022

Revised: 10/21/2022 Corrected variety name to XO 3861E

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

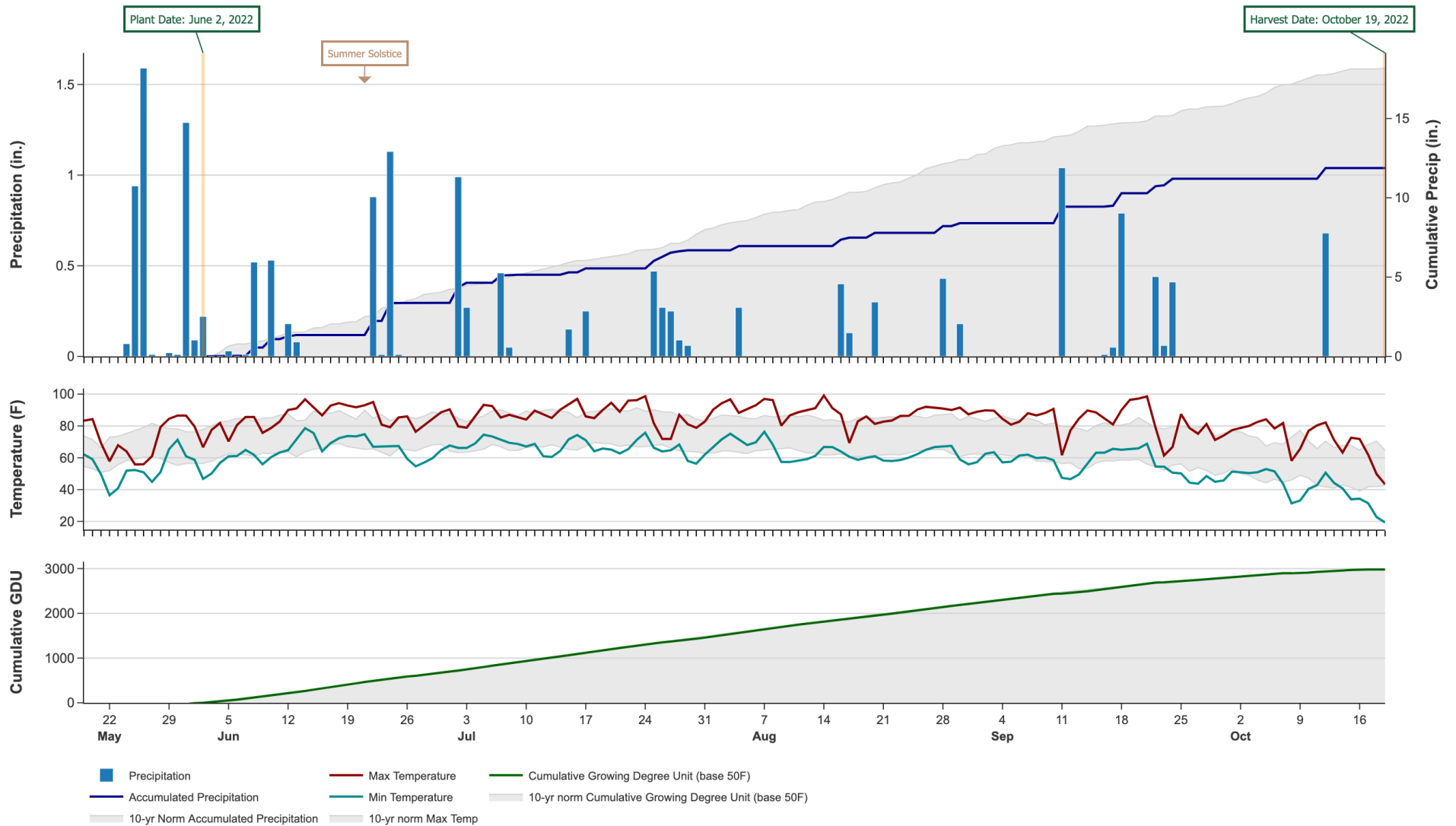
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2022 Soybeans - Kansas Northeast [KSNE]

Weather Conditions Summary at ONAGA, KS

Weather Data Retrieved: 10/21/2022

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	3.9 3.3 (+0.6)	3.7 4.4 (-0.7)	3.3 3.9 (-0.6)	1.7 4.4 (-2.7)	2.8 3.4 (-0.6)	0.7 2.4 (-1.7)	16.1 21.8 (-5.7)
GDU Normal (Diff)	176 207 (-31)	697 720 (-23)	787 802 (-15)	753 750 (+3)	576 565 (+11)	195 192 (+3)	3184 3238 (-54)



* 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 (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

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

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

Soybeans Technologies

E3	Enlist™ E3
RXF	Roundup Ready 2 XtendFlex®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

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

* Seed treatments may include unspecified plant health promoting components.