

Test by: Agri Seed Research, LLC Louisburg, KS

2022 Soybeans Top 30 Harvest Report

Kansas Northeast [KSNE] HOLTON, KS

Dave Royer, Jackson County, KS

All-Season Test	Maturity Group 3.4 - 4.4 S2022KSNE05
Top 30 of 43	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Fulltime, Glyphosate
SOIL DESCRIPTION:	Kennebec silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	high P, medium K, 7.0 pH, 4.1% OM, 17.0 CEC
TILLAGE/CULTIVATION:	Conventional W/O Fall Till
PEST MANAGEMENT:	Glyphosate, 2,4-D, Prefix, Liberty
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	Jun 2 145.0 /A 30" spacing
HARVESTED - STAND:	Oct 19 138.5 /A

TEST COMMENTS:

This site was planted into a clean seedbed that had some moisture present thanks to a good layer of topsoil. Soybeans emerged quickly and looked uniform at V2. July and August were hot and dry, with showers being hit-and-miss most of the summer. Plants were shorter than normal but standing well at harvest. Some pods had missing or shriveled soybeans in them. Good weed control

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Golden Harvest	GH4392XF ↗	RXF	4.3	MR	43.8	9.6	0	142.3	609	1
DONMARIO	DM36F62S ↗	RXF,ST	3.6	NA	43.0	9.8	0	135.7	598	2
Hoegemeyer	3953 E ↗	E3	3.9	R	42.3	9.7	0	137.3	588	3
Asgrow	AG35XF1 § ↗	RXF	3.5	R	42.2	9.8	0	139.0	587	4
Midland Genetics	4260E3S ↗	E3,ST	4.2	MR	42.1	9.8	0	139.0	585	5
Midland Genetics	3522XF ↗	RXF	3.5	MR	42.1	9.6	0	132.3	585	6
Pioneer	P39T61SE GC ↗	E3,ST	3.9	NA	42.0	9.6	0	140.7	584	7
Dyna-Gro	S42XF93S ↗	RXF,ST	4.2	MR	42.0	9.2	0	140.7	584	8
Stine	41EE62 § ↗	E3	4.1	R	42.0	9.6	0	139.0	584	9
Genesis	G3760ES ↗	E3,ST	3.7	R	41.9	9.6	0	137.3	582	10
Pioneer	P38A54E § ↗	E3	3.8	NA	41.7	9.5	0	134.0	580	11
Xitavo	XO 3803E ↗	E3,ST	3.8	MR	41.1	9.8	0	139.0	571	12
Midland Genetics	38X63 ↗	RXF,ST	3.7	MR	40.9	9.6	0	137.3	569	13
Genesis	G3460ES ↗	E3,ST	3.4	R	40.8	9.9	0	135.7	567	14
Dyna-Gro	S39XF41 ↗	RXF,ST	3.9	MR	40.7	9.5	0	137.3	566	15
Midland Genetics	4221XFS ↗	RXF,ST	4.2	MR	40.4	9.6	0	139.0	562	16
Xitavo	XO 3861E ↗	E3	3.8	R	40.3	9.5	0	142.3	560	17
Xitavo	XO 3651E ↗	E3	3.6	R	40.2	9.6	0	140.7	559	18
Hoegemeyer	3413 E ↗	E3	3.4	R	40.2	9.8	0	135.7	559	19
DONMARIO	DM41F33S ↗	RXF,ST	4.1	R	40.0	9.9	0	139.0	556	20
Asgrow	AG39XF3 § ↗	RXF	3.9	R	40.0	9.8	0	139.0	556	21
Lewis	4211XF ↗	RXF,ST	4.2	R	39.8	9.7	0	139.0	553	22
Lewis	3834XF ↗	RXF	3.8	R	39.7	10.1	0	142.3	552	23
Golden Harvest	GH3913XF § ↗	RXF	3.9	R	39.7	9.4	0	135.7	552	24
Pioneer	P42A84E § ↗	E3	4.2	R	39.6	9.6	0	142.3	550	25
Midland Genetics	3999E3 ↗	E3	3.9	R	39.5	9.8	0	142.3	549	26
NK Brand	NK42-T5XF ↗	RXF	4.2	R	39.4	9.7	0	137.3	548	27
Asgrow	AG41XF2 § ↗	RXF	4.1	R	39.2	9.5	0	139.0	545	28
Stine	44EE20 § ↗	E3	4.4	R	39.2	9.5	0	137.3	545	29
Lewis	4304XF ↗	RXF	4.3	R	39.2	9.6	0	142.3	545	30



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Averages = **39.9** **9.7** **138.5** **555**

LSD (0.10) = 2.1 0.2 ns

LSD (0.25) = 1.1 0.1 ns

C.V. = 5.0 Historic yield: 50.2 bu/a, 10 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

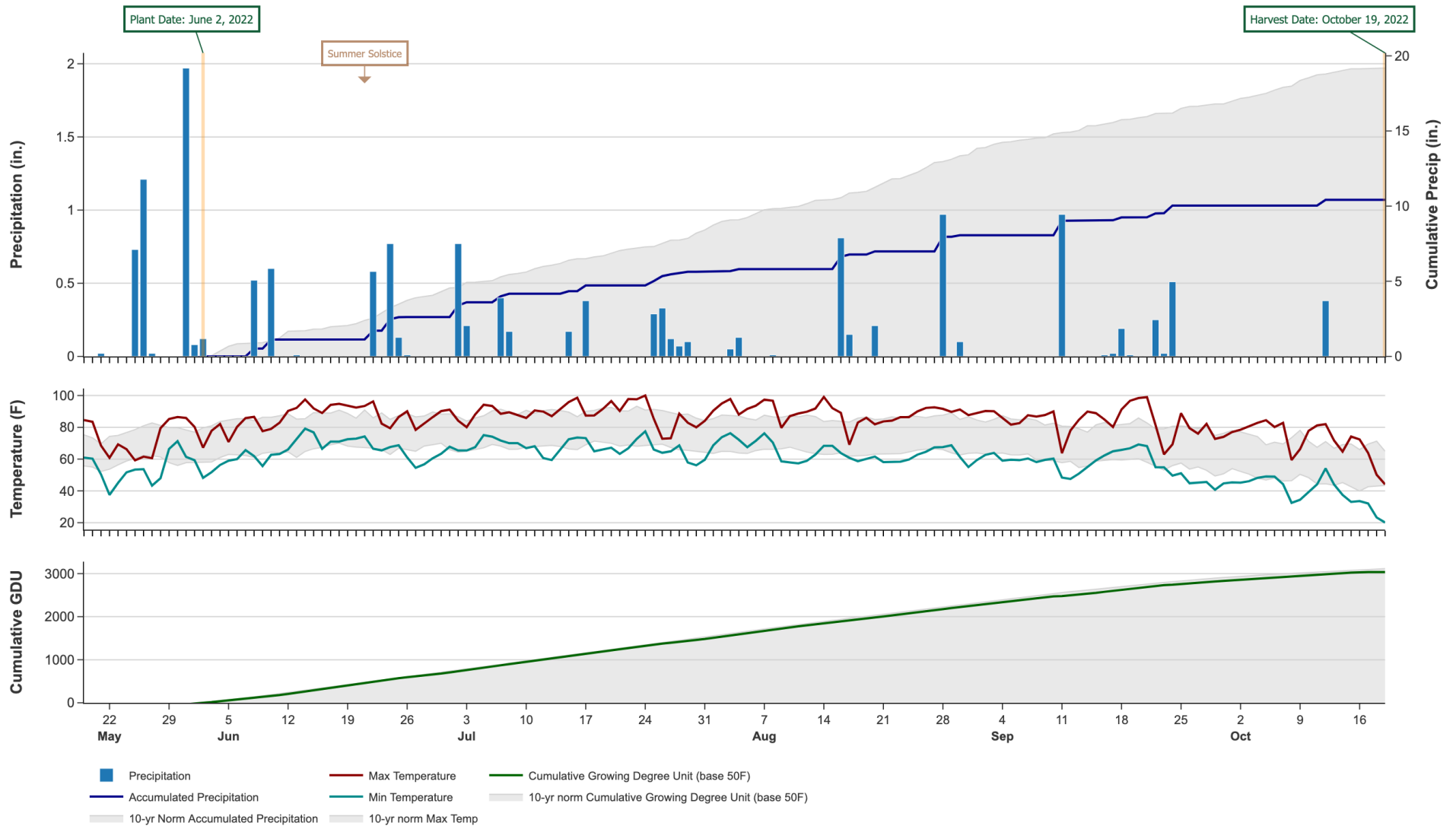
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2022 Soybeans - Kansas Northeast [KSNE]

Weather Conditions Summary at HOLTON, KS

Weather Data Retrieved: 10/21/2022

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	4.0 3.4 (+0.5)	2.8 4.6 (-1.8)	3.0 4.1 (-1.1)	2.4 5.0 (-2.6)	2.0 3.4 (-1.4)	0.4 2.4 (-2.0)	14.6 22.9 (-8.4)
GDU Normal (Diff)	185 227 (-42)	708 746 (-38)	802 826 (-24)	764 773 (-9)	585 598 (-13)	206 204 (+1)	3250 3376 (-126)



* 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.