

Test by: Agri Seed Research, LLC Louisburg, KS

2021 Soybeans Top 30 Harvest Report

Kansas East Central [KSEC] LA CYGNE, KS
Brad Stainbrook, Linn County, KS 66040

All-Season Test	Maturity Group 3.7 - 4.7 S2021KSEC01
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Atrazine, Glyphosate, Metolachlor
SOIL DESCRIPTION:	Kenoma silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	medium P, high K, 6.3 pH, 4.5% OM, 17.9 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Glyphosate, Authority, Dicamba(Burndown), Cobra
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	Jun 7 145.0 /A 30" spacing
HARVESTED - STAND:	Nov 5 126.4 /A

TEST COMMENTS:

The site was planted into a clean seedbed. Hard rains after planting lowered final stand count numbers slightly. July and August brought a few rain showers, and September was warm and dry. Plants were standing well at harvest. Harvest was delayed until a hard frost helped soybean plants dry down. Great weed control, a handful of pigweed came up late.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Genesis	G4360ES ↗	E3,ST	4.3	R	43.5	10.5	0	125.7	522	1
Lewis	4413XF ↗	RXF	4.3	R	43.4	11.1	0	127.3	521	2
Xitavo	XO 4371E ↗	E3	4.3	R	43.1	10.7	0	127.3	517	3
Golden Harvest	GH4392XF ↗	RXF	4.3	MR	42.4	10.4	0	125.7	509	4
Stine	39EC22 § ↗	E3	3.9	R	42.1	11.0	0	127.3	505	5
Midland Genetics	3999E3 ↗	E3	3.9	R	42.0	10.4	0	122.3	504	6
Credenz	CZ 4912XF ↗	RXF	4.9	R	41.8	10.6	0	130.7	502	7
Hoegemeyer	4622 SE ↗	E3,ST	4.6	R	41.7	10.2	0	125.7	500	8
Midland Genetics	4412E3S ↗	E3,ST	4.4	MR	41.7	11.1	0	124.0	500	9
Hoegemeyer	4516 SE ↗	E3,ST	4.5	R	41.5	10.9	0	129.0	498	10
Asgrow	AG40XF1 § ↗	RXF	4.0	R	41.3	10.9	0	130.7	496	11
NK Brand	NK44-J4XF ↗	RXF	4.4	MR	41.2	10.8	0	129.0	494	12
NuPride Genetics	NGN9373E3 GC ↗	E3	3.7	NA	41.2	10.3	0	125.7	494	13
Genesis	G3960E ↗	E3	3.9	R	41.1	10.8	0	125.7	493	14
Golden Harvest	GH4531XS ↗	RRX,ST	4.5	R	40.9	11.5	0	125.7	491	15
Lewis	4703XF ↗	RXF	4.7	R	40.6	10.7	0	125.7	487	16
NK Brand	NK42-T5XF § ↗	RXF	4.2	R	40.6	10.8	0	129.0	487	17
Xitavo	XO 4522E ↗	E3,ST	4.5	R	40.3	10.4	0	122.3	484	18
Lewis	4211XF ↗	RXF	4.2	R	40.3	10.6	0	127.3	484	19
Midland Genetics	4221XFS ↗	RXF	4.2	MR	40.2	10.4	0	127.3	482	20
Lewis	4424XF ↗	RXF	4.4	R	40.1	11.2	0	125.7	481	21
Stine	40EC20 § ↗	E3	4.0	R	40.1	10.8	0	135.7	481	22
Midland Genetics	4422XF ↗	RXF	4.4	MR	40.0	10.7	0	124.0	480	23
Lewis	3910XF ↗	RXF	3.9	R	40.0	10.9	0	124.0	480	24
Pioneer	P38T76E § ↗	E3	3.8	NA	39.8	10.6	0	127.3	478	25
Donmario	DM42F62 ↗	RXF	4.2	NA	39.8	10.7	0	122.3	478	26
Midland Genetics	4602E3S ↗	E3,ST	4.6	NA	39.6	10.7	0	125.7	475	27
Asgrow	AG37XF1 § ↗	RXF	3.7	R	39.6	10.9	0	127.3	475	28
Hoegemeyer	4161 E ↗	E3	4.1	R	39.5	10.8	0	130.7	474	29
Stine	47EE02 § ↗	E3	4.7	R	39.4	10.2	0	122.3	473	30



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Averages =	39.9	10.7		126.4	478
LSD (0.10) =	2.7	0.4	ns		
LSD (0.25) =	1.4	0.2	ns		
C.V. =	6.5				Historic yield: 43.39 bu/a, 8 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.02 Prices: GMO = \$12.00

Report Date: 11/07/2021

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

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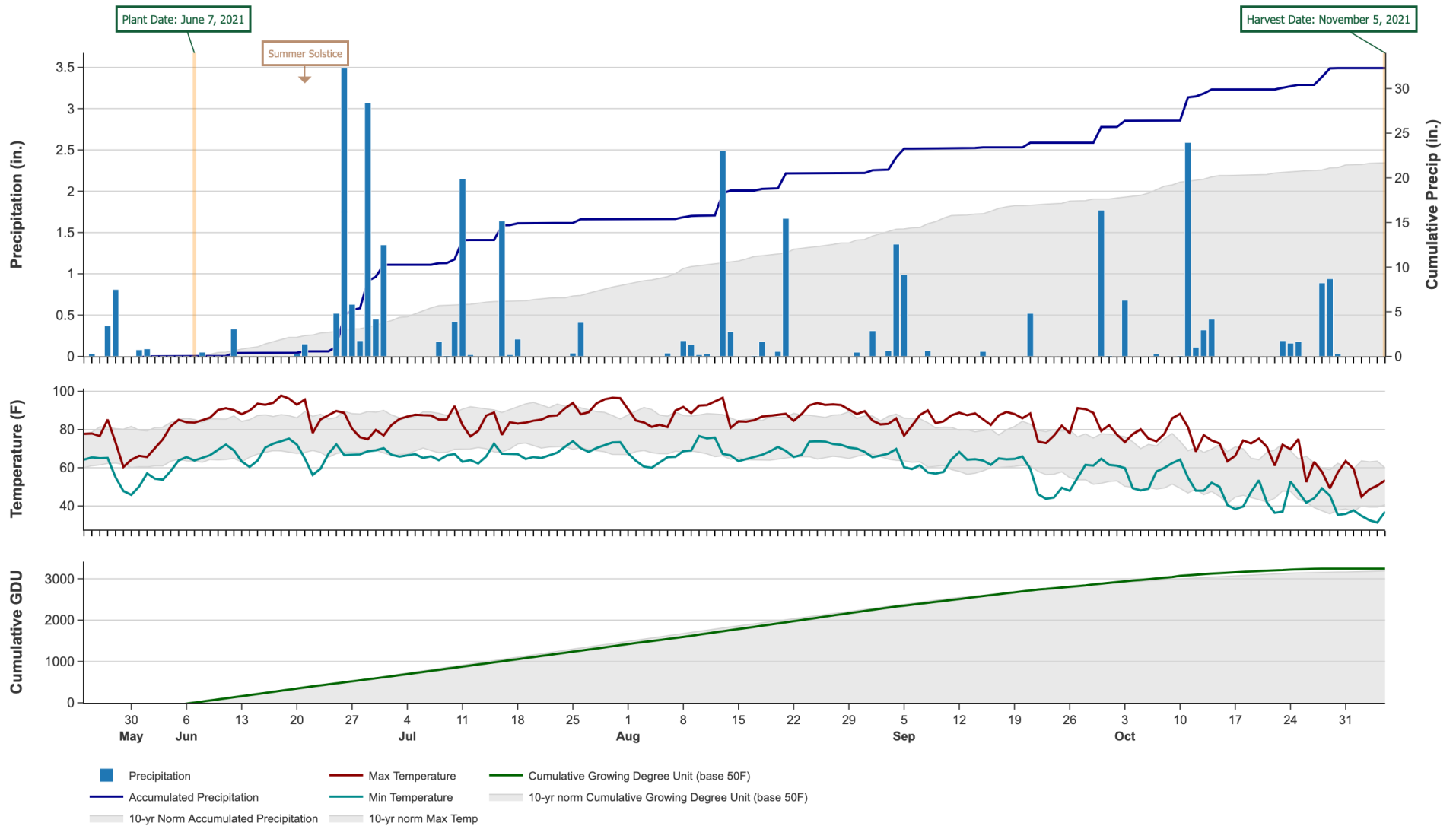
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2021 Soybeans - Kansas East Central [KSEC]

Weather Conditions Summary at LA CYGNE, KS

Weather Data Retrieved: 11/07/2021

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in) Normal (Diff)	1.3 1.9 (-0.6)	9.0 4.2 (+4.8)	6.5 4.5 (+2.0)	5.2 5.2 (0.0)	5.2 4.5 (+0.6)	6.6 3.8 (+2.8)	0.0 0.2 (-0.2)	33.7 24.4 (+9.3)
GDU Normal (Diff)	123 165 (-42)	725 764 (-39)	804 857 (-53)	830 806 (+23)	659 607 (+51)	357 286 (+70)	0 25 (-25)	3498 3513 (-15)



* 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 (48 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG37XF1 §	RXF	R	3.7	ACi,IL
Asgrow	AG40XF1 §	RXF	R	4.0	ACi,IL
Asgrow	AG41XF2 §	RXF	R	4.1	ACi,IL
Credenz	CZ 4742XF	RXF	R	4.7	PV,IL,OB
Credenz	CZ 4852XF	RXF	R	4.8	PV,IL,OB
Credenz	CZ 4892XF	RXF	R	4.8	PV,IL,OB
Credenz	CZ 4912XF	RXF	R	4.9	PV,IL,OB
DONMARIO	DM42F62	RXF	NA	4.2	CMBV
Genesis	G3960E	E3	R	3.9	CMBV,SA
Genesis	G4360ES	E3,ST	R	4.3	CMBV,SA
Golden Harvest	GH3982X	RRX	R	3.9	CMBV,SA
Golden Harvest	GH4392XF	RXF	MR	4.3	CMBV,SA
Golden Harvest	GH4452XFS §	RXF,ST	MR	4.4	CMBV,SA
Golden Harvest	GH4531XS	RRX,ST	R	4.5	CMBV,SA
Hoegemeyer	4081 SE	E3,ST	R	4.0	Lum,Lu,IL
Hoegemeyer	4161 E	E3	R	4.1	Lum,Lu,IL
Hoegemeyer	4516 SE	E3,ST	R	4.5	Lum,Lu,IL
Hoegemeyer	4622 SE	E3,ST	R	4.6	Lum,Lu,IL
Lewis	3713XF	RXF	R	3.7	ACi
Lewis	3910XF	RXF	R	3.9	ACi
Lewis	4004XF	RXF	R	4.0	ACi
Lewis	4211XF	RXF	R	4.2	ACi
Lewis	4413XF	RXF	R	4.3	ACi
Lewis	4424XF	RXF	R	4.4	ACi
Lewis	4703XF	RXF	R	4.7	ACi
Midland Genetics	3921XFS	RXF	R	3.9	Edge-SST
Midland Genetics	3999E3	E3	R	3.9	Edge-SST
Midland Genetics	4221XFS	RXF	MR	4.2	Edge-SST
Midland Genetics	4412E3S	E3,ST	MR	4.4	Edge-SST
Midland Genetics	4422XF	RXF	MR	4.4	Edge-SST
Midland Genetics	4602E3S	E3,ST	NA	4.6	Edge-SST
Midland Genetics	4621XFS	RXF	MR	4.6	Edge-SST
NK Brand	NK39-A1XF	RXF	R	3.9	CMBV,SA
NK Brand	NK39-T5E3S GC	E3,ST	R	3.9	CMBV,SA
NK Brand	NK42-T5XF §	RXF	R	4.2	CMBV,SA
NK Brand	NK43-V8XF §	RXF	MR	4.3	CMBV,SA
NK Brand	NK44-J4XF	RXF	MR	4.4	CMBV,SA
NuPride Genetics	NGN9312E3 GC	E3	R	3.1	Untreated
NuPride Genetics	NGN9373E3 GC	E3	NA	3.7	Untreated
Pioneer	P38T76E §	E3	NA	3.8	Lum,IL
Pioneer	P44T04SE §	E3,ST	NA	4.4	Lum,IL
Pioneer	P47T39SE §	E3,ST	NA	4.7	Lum,IL

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Renk	RS392NXF	RRX	R	3.9	EcTC,SA
Stine	39EC22 §	E3	R	3.9	SFI
Stine	40EC20 §	E3	R	4.0	SFI
Stine	47EE02 §	E3	R	4.7	SFI
Xitavo	XO 4371E	E3	R	4.3	PV,IL,OB
Xitavo	XO 4522E	E3,ST	R	4.5	PV,IL,OB

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
RRX	Roundup Ready 2 Xtend®
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-	Cruiser®, Apron XL®, Maxim®, Dynasty®, Mertect®,
SST	Optimize®, Saltro® (Midland Genetics)
Lum,IL	LumiGEN™ plus ILeVO
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PV,IL,OB	Poncho®/Votivo®, ILeVO, Obvius Plus
SFI	Stine XP F&I
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.