

Test by: Agri Seed Research, LLC Louisburg, KS

2021 Soybeans Top 30 Harvest Report

Kansas East Central [KSEC] BALDWIN CITY, KS

Luke Ulrich, Douglas County, KS 66006

All-Season Test	Maturity Group 3.7 - 4.7 S2021KSEC04
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Glyphosate, Atrazine, Acetachlor
SOIL DESCRIPTION:	Martin silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	high P, medium K, 6.8 pH, 4.9% OM, 19.7 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Glyphosate, 2,4-D, Authority Mtz
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	Jun 8 145.0 /A 30" spacing
HARVESTED - STAND:	Nov 7 129.9 /A

TEST COMMENTS:

This site was planted into a clean seedbed, and a heavy rain fell as it was trying to emerge, then at V2 it looked uniform. July and August saw some rain showers. September was dry and warm, and this site went over 30 days in September and early October with no rain. Plants were standing well at harvest. Great weed control.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Xitavo	XO 4371E ↗	E3	4.3	R	55.0	12.6	0	127.3	660	1
Midland Genetics	3999E3 ↗	E3	3.9	R	52.6	12.3	0	129.0	631	2
Stine	39EC22 § ↗	E3	3.9	R	52.2	11.5	0	129.0	626	3
Genesis	G4360ES ↗	E3,ST	4.3	R	51.1	12.7	0	127.3	613	4
Asgrow	AG40XF1 § ↗	RXF	4.0	R	50.7	12.0	0	129.0	608	5
Hoegemeyer	4622 SE ↗	E3,ST	4.6	R	50.7	11.6	0	129.0	608	6
Hoegemeyer	4161 E ↗	E3	4.1	R	50.5	12.4	0	130.7	606	7
Lewis	3910XF ↗	RXF	3.9	R	50.4	12.3	0	130.7	605	8
Lewis	4004XF ↗	RXF	4.0	R	50.2	11.4	0	129.0	602	9
Stine	40EC20 § ↗	E3	4.0	R	50.1	12.4	0	132.3	601	10
Midland Genetics	3921XFS ↗	RXF	3.9	R	50.0	12.2	0	132.3	600	11
NuPride Genetics	NGN9373E3 GC ↗	E3	3.7	NA	49.9	11.3	0	127.3	599	12
Asgrow	AG41XF2 § ↗	RXF	4.1	R	49.8	11.4	0	132.3	598	13
Pioneer	P47T39SE § ↗	E3,ST	4.7	NA	49.5	11.5	0	132.3	594	14
Midland Genetics	4412E3S ↗	E3,ST	4.4	MR	49.4	11.8	0	130.7	593	15
Hoegemeyer	4081 SE ↗	E3,ST	4.0	R	49.0	12.0	0	131.5	588	16
Stine	47EE02 § ↗	E3	4.7	R	48.5	11.5	0	125.7	582	17
NK Brand	NK42-T5XF § ↗	RXF	4.2	R	48.5	11.8	0	132.3	582	18
Midland Genetics	4602E3S ↗	E3,ST	4.6	NA	48.4	11.4	0	130.7	581	19
Credenz	CZ 4742XF ↗	RXF	4.7	R	48.4	11.5	0	132.3	581	20
Lewis	4413XF ↗	RXF	4.3	R	48.4	12.3	0	127.3	581	21
Golden Harvest	GH4392XF ↗	RXF	4.3	MR	48.3	12.6	0	130.7	580	22
Credenz	CZ 4912XF ↗	RXF	4.9	R	48.2	11.4	0	130.7	578	23
NK Brand	NK44-J4XF ↗	RXF	4.4	MR	47.9	12.0	0	129.0	575	24
Golden Harvest	GH3982X ↗	RRX	3.9	R	47.7	12.2	0	129.0	572	25
NK Brand	NK39-A1XF ↗	RXF	3.9	R	47.7	12.0	0	129.0	572	26
Midland Genetics	4221XFS ↗	RXF	4.2	MR	47.4	12.1	0	132.3	569	27
Credenz	CZ 4892XF ↗	RXF	4.8	R	47.3	11.4	0	129.0	568	28
Golden Harvest	GH4452XFS § ↗	RXF,ST	4.4	MR	47.3	11.8	0	129.0	568	29
Pioneer	P38T76E § ↗	E3	3.8	NA	47.3	12.1	0	130.7	568	30



Adam Stuteville

adam.stuteville@firstseedtests.com, (913) 206-6080

Averages = **47.8** **11.9** **129.9** **573**

LSD (0.10) = 3.3 0.5 ns

LSD (0.25) = 1.7 0.3 ns

C.V. = 6.5 Historic yield: 48.38 bu/a, 7 yr(s)

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

Report Date: 11/10/2021

† 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

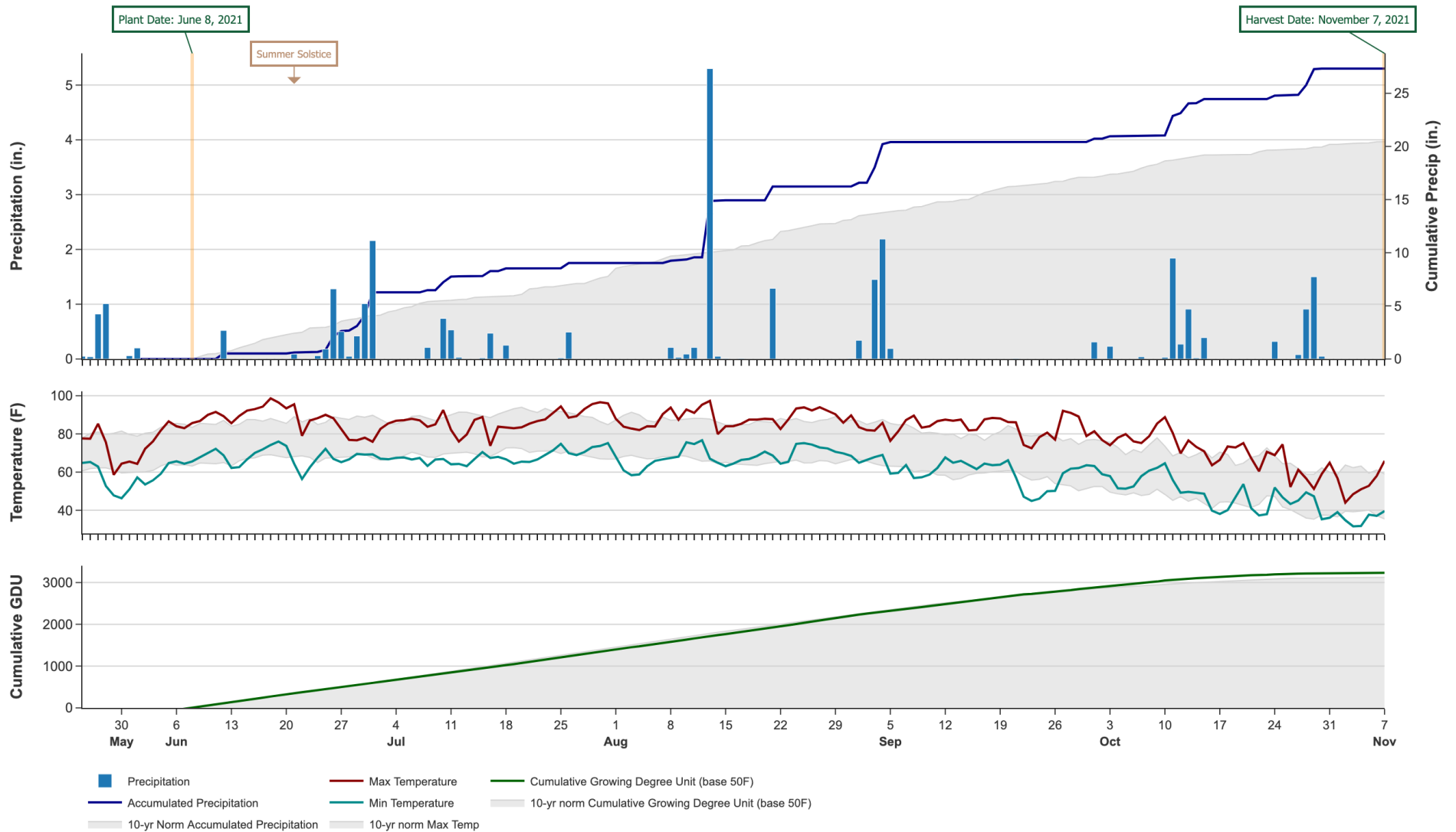
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2021 Soybeans - Kansas East Central [KSEC]

Weather Conditions Summary at BALDWIN CITY, KS

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in) Normal (Diff)	2.0 1.8 (+0.1)	4.3 5.0 (-0.7)	4.9 3.8 (+1.1)	7.2 5.3 (+1.9)	4.2 4.0 (+0.2)	6.9 3.1 (+3.8)	0.0 0.2 (-0.2)	29.5 23.3 (+6.2)
GDU Normal (Diff)	101 143 (-42)	735 760 (-25)	807 856 (-49)	826 804 (+21)	655 595 (+59)	360 266 (+93)	8 19 (-11)	3492 3447 (+44)



* 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.