

Test by: Agri Seed Research, LLC Louisburg, KS

## 2021 Soybeans Top 30 Harvest Report

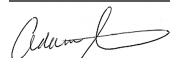
Nebraska Southeast [NESE] UNION, NE  
Nick Smith, Cass County, NE 68455

<b>All-Season Test</b>	Maturity Group <b>3.1 - 4.0</b> S2021NESE12
<b>Top 30 of 50</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Atrazine, Metolachlor
<b>SOIL DESCRIPTION:</b>	Marshall silt loam, moderately drained, non-irrigated
<b>SOIL CONDITION:</b>	high P, medium K, 6.7 pH, 4.8% OM, 19.4 CEC
<b>TILLAGE/CULTIVATION:</b>	No-Till
<b>PEST MANAGEMENT:</b>	2,4-D, Glyphosate, Authority, Fomesafen
<b>Applied N-P-K (units):</b>	0-30-30
<b>SEEDED - RATE - ROW:</b>	Jun 3 145.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 17 137.3 /A

### TEST COMMENTS:

*This site was planted into a clean seedbed and emerged uniformly. A few timely rains early in the growing season helped get this site off to a great start. This site missed some of the later season rains. Plants were standing great at harvest, several varieties had green stems and leaves making harvest tough. Excellent weed control.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hoegemeyer	3591 E ↗	E3	3.5	R	<b>57.8</b>	11.4	0	137.3	694	1
Donmario	DM36F62S ↗	RXF	3.6	NA	<b>57.4</b>	11.2	0	135.7	689	2
Golden Harvest	GH3512E3S ↗	E3,ST	3.5	MR	<b>57.3</b>	11.6	0	137.3	688	3
Hefty	H33XF2 ↗	RXF	3.3	NA	<b>57.0</b>	11.1	0	135.7	684	4
Pioneer	P38T05E § ↗	E3	3.8	R	<b>56.6</b>	11.0	0	137.3	679	5
Golden Harvest	GH3442XF ↗	RXF	3.4	MR	<b>56.2</b>	11.2	0	132.3	674	6
Dyna-Gro	S39XF41 ↗	RXF,ST	3.9	MR	<b>56.1</b>	11.4	0	139.0	673	7
Stine	35EE32 § ↗	E3	3.5	R	<b>55.9</b>	11.1	0	139.0	671	8
Zinesto	Z3202E ↗	E3	3.2	NA	<b>55.9</b>	11.3	0	134.0	671	9
Asgrow	AG37XF1 § ↗	RXF	3.7	R	<b>55.7</b>	11.3	0	134.0	668	10
Hefty	H31XF2 ↗	RXF	3.1	NA	<b>55.5</b>	11.1	0	137.3	666	11
Zinesto	Z3402E ↗	E3	3.4	NA	<b>55.3</b>	11.0	0	137.3	664	12
Hoegemeyer	3421 SE ↗	E3,ST	3.4	R	<b>55.3</b>	11.2	0	134.0	664	13
Stine	40EC20 § ↗	E3	4.0	R	<b>54.9</b>	11.1	0	137.3	659	14
Hefty	H32XF2 ↗	RXF	3.2	NA	<b>54.8</b>	11.2	0	139.0	658	15
Stine	39EC22 § ↗	E3	3.9	R	<b>54.7</b>	11.3	0	137.3	656	16
NuPride Genetics	NGN9312E3 GC ↗	E3	3.1	R	<b>54.2</b>	11.5	0	140.7	650	17
Xitavo	XO 3651E ↗	E3	3.6	R	<b>54.1</b>	11.3	0	135.7	649	18
Dyna-Gro	S35XF72 ↗	RXF	3.5	R	<b>53.7</b>	11.2	0	139.0	644	19
Xitavo	XO 3922E ↗	E3	3.9	R	<b>53.6</b>	11.1	0	139.0	643	20
NK Brand	NK37-Z9XF ↗	RXF	3.7	R	<b>53.5</b>	11.1	0	134.0	642	21
Midland Genetics	3522XF ↗	RXF	3.5	MR	<b>53.0</b>	11.2	0	140.7	636	22
NuPride Genetics	NGN9373E3 GC ↗	E3	3.7	NA	<b>52.9</b>	11.2	0	137.3	635	23
Xitavo	XO 3341E ↗	E3	3.3	R	<b>52.4</b>	11.5	0	137.3	629	24
Zinesto	Z3101E ↗	E3	3.1	R	<b>52.3</b>	11.6	0	139.0	628	25
Golden Harvest	GH3732XF § ↗	RXF	3.7	R	<b>52.1</b>	11.2	0	135.7	625	26
Midland Genetics	4082E3 ↗	E3	4.0	R	<b>52.1</b>	11.1	0	132.3	625	27
Pioneer	P39T61SE § ↗	E3,ST	3.9	MR	<b>52.1</b>	11.3	0	135.7	625	28
Midland Genetics	3591E3 ↗	E3	3.5	MR	<b>52.1</b>	11.4	0	139.0	625	29
Xitavo	XO 3131E ↗	E3	3.1	R	<b>51.7</b>	11.5	0	139.0	620	30



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Averages = **52.6** **11.2** **137.3** **632**

LSD (0.10) = 3.0 ns ns

LSD (0.25) = 1.6 ns ns

C.V. = 5.3

Historic yield: 59.72 bu/a, 8 yr(s)

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

Report Date: 10/18/2021

† 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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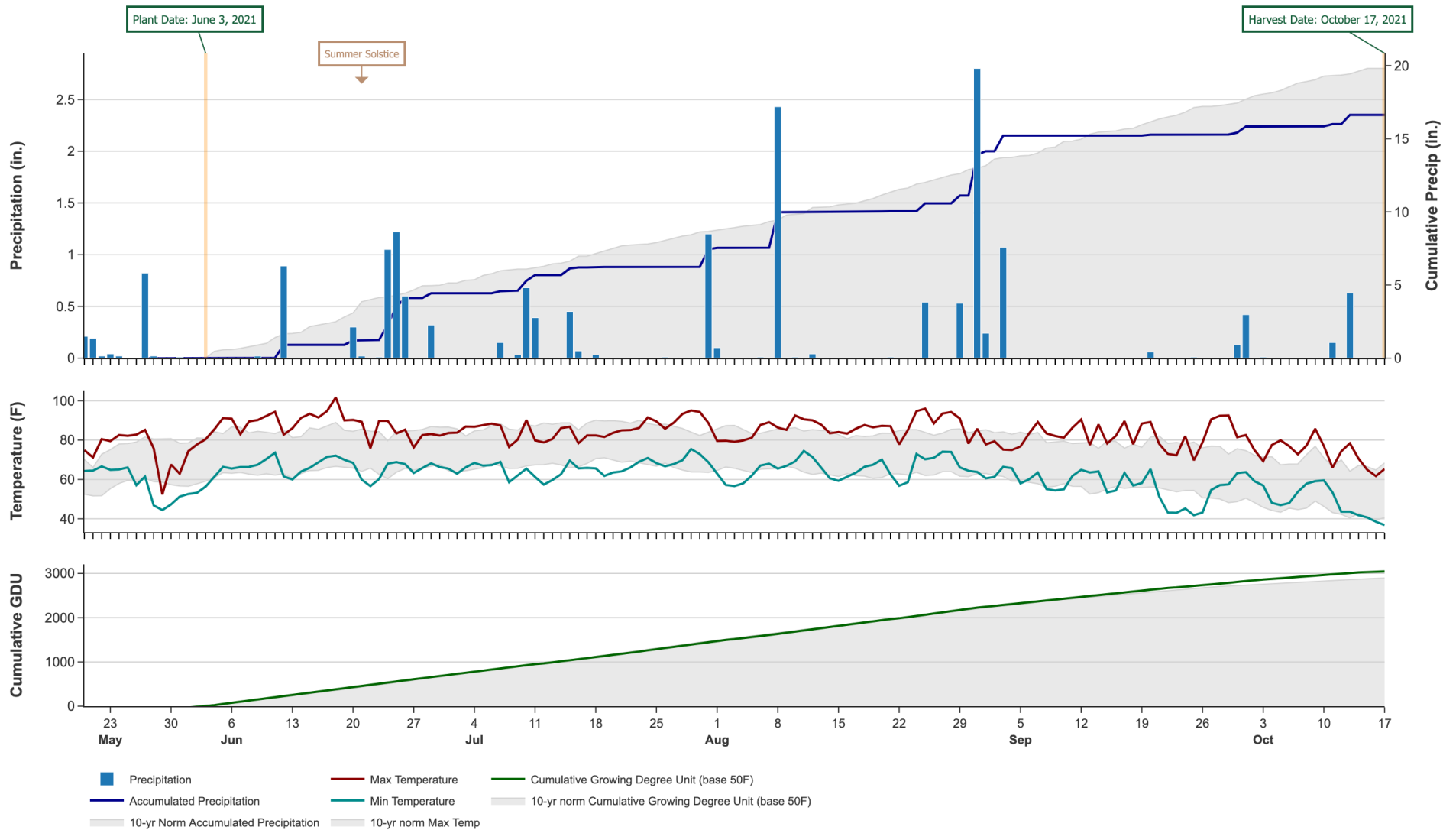
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# 2021 Soybeans - Nebraska Southeast [ NESE ]

## Weather Conditions Summary at UNION, NE

Weather Data Retrieved: 10/19/2021

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   Normal (Diff)	1.3   2.8 (-1.4)	4.4   5.4 (-1.0)	3.0   3.7 (-0.7)	6.5   4.3 (+2.1)	1.5   4.5 (-2.9)	1.2   2.4 (-1.1)	18.0   23.0 (-5.1)
GDU   Normal (Diff)	203   200 (+2)	731   712 (+18)	775   810 (-35)	769   738 (+30)	583   525 (+57)	234   165 (+68)	3295   3152 (+142)



\* 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.

## 2021 Soybeans - Nebraska Southeast [ NESE ]

### All-Season Test Products (50 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG35XF1 §	RXF	R	3.5	ACi
Asgrow	AG37XF1 §	RXF	R	3.7	ACi,IL
Asgrow	AG40XF1 §	RXF	R	4.0	ACi,IL
Donmario	DM36F62S	RXF	NA	3.6	CMBV
Donmario	DM38F42S	RXF	NA	3.8	CMBV
Dyna-Gro	S35XF72	RXF	R	3.5	EQV,SA
Dyna-Gro	S37XF42	RXF	MR	3.7	EQV,SA
Dyna-Gro	S39XF41	RXF,ST	MR	3.9	EQV,SA
Golden Harvest	GH3442XF	RXF	MR	3.4	CMBV,SA
Golden Harvest	GH3512E3S	E3,ST	MR	3.5	CMBV,SA
Golden Harvest	GH3732XF §	RXF	R	3.7	CMBV,SA
Golden Harvest	GH3762E3S §	E3,ST	MR	3.7	CMBV,SA
Hefty	H31X9	RRX	R	3.1	DST4,SA
Hefty	H31XF2	RXF	NA	3.1	DST4,SA
Hefty	H32XF2	RXF	NA	3.2	DST4,SA
Hefty	H33XF2	RXF	NA	3.3	DST4,SA
Hefty	H35XF1	RXF	NA	3.5	DST4,SA
Hefty	H36XF2	RXF	NA	3.6	DST4,SA
Hoegemeyer	3141 E	E3	R	3.1	Lum,Lu,IL
Hoegemeyer	3421 SE	E3,ST	R	3.4	Lum,Lu,IL
Hoegemeyer	3591 E	E3	R	3.5	Lum,Lu,IL
Midland Genetics	3392E3	E3	R	3.3	Edge-SST
Midland Genetics	3522XF	RXF	MR	3.5	Edge-SST
Midland Genetics	3591E3	E3	MR	3.5	Edge-SST
Midland Genetics	3921XFS	RXF	R	3.9	Edge-SST
Midland Genetics	3999E3	E3	R	3.9	Edge-SST
Midland Genetics	4082E3	E3	R	4.0	Edge-SST
NK Brand	NK35-J6E3S §	E3,ST	MR	3.5	CMBV,SA
NK Brand	NK37-V4E3S	E3,ST	MR	3.7	CMBV,SA
NK Brand	NK37-Z9XF	RXF	R	3.7	CMBV,SA
NK Brand	NK39-T5E3S	E3,ST	R	3.9	CMBV,SA
NuPride Genetics	NGN8261GT GC	RR	NA	2.7	Untreated
NuPride Genetics	NGN9312E3 GC	E3	R	3.1	Untreated
NuPride Genetics	NGN9373E3 GC	E3	NA	3.7	Untreated
Pioneer	P37T33E §	E3	MR	3.7	Lum,IL
Pioneer	P38T05E §	E3	R	3.8	Lum,IL
Pioneer	P39T61SE §	E3,ST	MR	3.9	Lum,IL
Stine	35EE32 §	E3	R	3.5	SFI
Stine	39EC22 §	E3	R	3.9	SFI
Stine	40EC20 §	E3	R	4.0	SFI
Xitavo	XO 3131E	E3	R	3.1	PV,IL,OB
Xitavo	XO 3341E	E3	R	3.3	PV,IL,OB

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Xitavo	XO 3402E	E3	R	3.4	PV,IL,OB
Xitavo	XO 3651E	E3	R	3.6	PV,IL,OB
Xitavo	XO 3752E	E3,ST	R	3.7	PV,IL,OB
Xitavo	XO 3922E	E3	R	3.9	PV,IL,OB
Zinesto	Z3101E	E3	R	3.1	DST4,SA
Zinesto	Z3202E	E3	NA	3.2	DST4,SA
Zinesto	Z3402E	E3	NA	3.4	DST5
Zinesto	Z3602E	E3	NA	3.6	DST4,SA

\* FIRST does not inspect products for refuge blend. N\* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

## 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
RR	Roundup Ready®
RRX	Roundup Ready 2 Xtend®
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®
DST4,SA	Dominance 4 ST,Saltro®
DST5	Dominance 5 ST
Edge-	Cruiser®, Apron XL®, Maxim®, Dynasty®, Mertect®,
SST	Optimize®, Saltro® (Midland Genetics)
EQV,SA	Equity VIP, Saltro®
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

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\* Seed treatments may include unspecified plant health promoting components.