

Test by: North Iowa F.I.R.S.T., Inc. Sanborn, IA

## 2021 Soybeans Top 30 Harvest Report

Nebraska Northeast [NENE] MCLEAN, NE  
Koehler Farms, Justin Koehler, Pierce County, NE 68747

<b>All-Season Test</b>	2.6 - 3.4 Day CRM S2021NENE02
<b>Top 30 of 54</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Atrazine, Corvus, Roundup Powermax, 2-4d
<b>SOIL DESCRIPTION:</b>	Nora silt loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	very high P, very high K, 5.7 pH, 3.6% OM, 21.9 CEC
<b>TILLAGE/CULTIVATION:</b>	No-Till
<b>PEST MANAGEMENT:</b>	Afforia, Enlite, Roundup Powermax, Targa, Tomahawn, Flexstar
<b>Applied N-P-K (units):</b>	0-83-0
<b>SEEDED - RATE - ROW:</b>	May 7 151.4 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 12 133.6 /A

### TEST COMMENTS:

*This site was no-tilled into corn the first week of May and experienced some cool wet weather for 7 days following planting. Some varieties struggled more than others to get up and out, but overall stands at this site were still nearly 90% of the planted population. The first half of June was hot and dry but then the showers returned and temps leveled off. Another dry spell arrived early August and persisted for about 3 weeks before it was relieved by a few large showers that helped fill pods at the tops of plants. Plants were very tall and white mold was observed throughout the plot, with severity being variety specific.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Xitavo	XO 2832E ↗	E3	2.8	R	<b>79.0</b>	11.7	0	133.3	988	1
Latham	L 3479 E3 ↗	E3	3.4	R	<b>75.7</b>	11.6	0	138.0	946	2
Hoegemeyer	2831 E ↗	E3	2.8	R	<b>74.5</b>	11.4	0	130.3	931	3
Latham	L 3448 R2X ↗	RRX	3.4	R	<b>73.7</b>	11.7	0	128.7	921	4
Latham	L 2887 R2X ↗	RRX	2.8	R	<b>73.5</b>	11.6	0	129.0	919	5
Zinesto	Z3202E ↗	E3	3.2	NA	<b>72.3</b>	12.0	0	140.3	904	6
Golden Harvest	GH2722XF ↗	RXF	2.7	MR	<b>72.0</b>	11.5	0	125.7	900	7
NK Brand	NK27-A7XF ↗	RXF	2.7	MR	<b>71.3</b>	11.8	0	129.7	891	8
Zinesto	Z2902E ↗	E3	2.9	NA	<b>71.0</b>	11.6	0	136.3	888	9
Hoegemeyer	2660 E ↗	E3	2.6	R	<b>70.6</b>	11.8	0	132.3	882	10
Hefty	H33XF2 ↗	RXF	3.3	NA	<b>70.5</b>	11.3	0	138.3	881	11
Zinesto	Z2700E ↗	E3	2.7	R	<b>70.1</b>	11.7	0	127.7	876	12
Latham	L 2894 E3 ↗	E3	2.8	R	<b>69.8</b>	11.7	0	129.0	872	13
Latham	L 2786 XF ↗	RXF	2.7	R	68.8	11.8	0	138.3	860	14
Pioneer	P27A17X § ↗	RRX	2.7	R	68.5	11.7	0	132.0	856	15
Channel	2721RXF GC ↗	RXF	2.7	R	68.0	11.8	0	135.0	850	16
Xitavo	XO 3341E ↗	E3	3.3	R	68.0	11.7	0	136.3	850	17
Stine	28EC32 § ↗	E3	2.8	R	67.2	11.7	0	141.3	840	18
NK Brand	NK31-M7E3 ↗	E3	3.1	R	67.2	11.8	0	134.3	840	19
Latham	L 3086 XF ↗	RXF	3.0	R	67.1	11.5	0	134.3	839	20
Hefty	H31XF2 ↗	RXF	3.1	NA	66.9	11.5	0	135.3	836	21
Xitavo	XO 2921E ↗	E3	2.9	R	66.9	11.7	0	126.0	836	22
Golden Harvest	GH3192XF § ↗	RXF	3.1	MR	66.8	11.8	12	130.3	835	23
Asgrow	AG27XF1 § ↗	RXF	2.7	R	66.8	12.0	0	139.0	835	24
Zinesto	Z3101E ↗	E3	3.1	R	65.9	11.5	0	130.3	824	25
Latham	L 3329 E3 ↗	E3	3.3	R	65.5	11.9	0	139.7	819	26
Golden Harvest	GH2922E3 ↗	E3	2.9	R	64.7	11.6	0	138.7	809	27
Dyna-Gro	S33XF62 ↗	RXF	3.3	R	64.2	11.7	0	132.0	802	28
NK Brand	NK29-A5E3 § ↗	E3	2.9	MR	63.9	11.6	0	132.7	799	29
Zinesto	Z3001E ↗	E3	3.0	R	63.7	12.0	0	139.7	796	30

*Corey Rozenboom*

Corey Rozenboom

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Averages = **64.6** **11.7** **1** **133.6** **807**

LSD (0.10) = 5.1 ns ns

LSD (0.25) = 2.7 ns ns

C.V. = 7.5

Historic yield: 57.42 bu/a, 3 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.02 Prices: GMO = \$12.50

Report Date: 10/13/2021

† 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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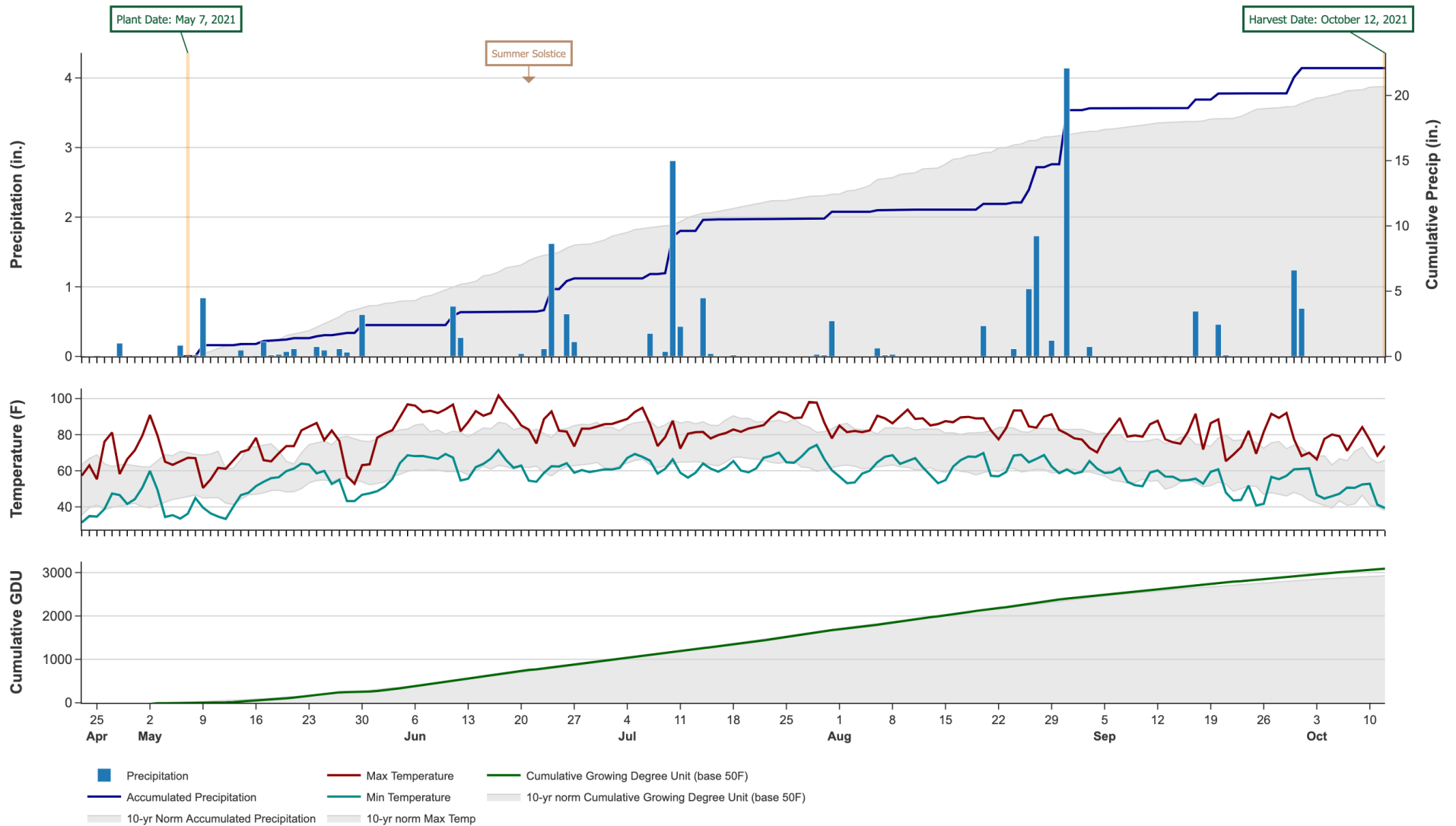
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# 2021 Soybeans - Nebraska Northeast [ NENE ]

## Weather Conditions Summary at MCLEAN, NE

Weather Data Retrieved: 10/13/2021

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   Normal (Diff)	0.2   0.8 (-0.6)	2.6   4.7 (-2.1)	3.6   4.9 (-1.3)	5.1   3.7 (+1.4)	7.8   4.5 (+3.2)	2.5   2.2 (+0.4)	0.7   1.5 (-0.9)	22.5   22.3 (+0.1)
GDU   Normal (Diff)	52   50 (+1)	319   339 (-20)	687   644 (+42)	729   761 (-32)	726   674 (+51)	527   458 (+68)	161   107 (+53)	3201   3036 (+164)



\* 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 Northeast [ NENE ]

### All-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG27XF1 §	RXF	R	2.7	ACi,IL
Asgrow	AG30XF2 §	RXF	R	3.0	ACi,IL
Asgrow	AG32XF2 §	RXF	R	3.2	ACi,IL
Channel	2721RXF GC	RXF	R	2.7	Treated
Channel	3022RXF GC	RXF	R	3.0	ACi,IL
Channel	3122RXF GC	RXF	R	3.1	ACi,IL
Credenz	CZ 2760GTLL	LLGT27	R	2.7	PV,IL,OB
Dyna-Gro	S31XF82	RXF	R	3.1	EQV,SA
Dyna-Gro	S33XF62	RXF	R	3.3	EQV,SA
Golden Harvest	GH2722XF	RXF	MR	2.7	CMBV,SA
Golden Harvest	GH2872XF	RXF	R	2.8	CMBV,SA
Golden Harvest	GH2922E3	E3	R	2.9	CMBV,SA
Golden Harvest	GH3192XF §	RXF	MR	3.1	CMBV,SA
Hefty	H26XF2	RXF	NA	2.6	DST4,SA
Hefty	H28XF1	RXF	R	2.8	DST5
Hefty	H29X1	RRX	R	2.9	DST4,SA
Hefty	H29XF1	RXF	NA	2.9	DST4,SA
Hefty	H30XF2	RXF	NA	3.0	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
Hoegemeyer	2660 E	E3	R	2.6	Lum,Lu,IL
Hoegemeyer	2831 E	E3	R	2.8	Lum,Lu,IL
Hoegemeyer	3141 E	E3	R	3.1	Lum,Lu,IL
Latham	L 2786 XF	RXF	R	2.7	SS+,SA
Latham	L 2839 LLGT27	LLGT27	R	2.8	SS+,SA
Latham	L 2887 R2X	RRX	R	2.8	SS+,SA
Latham	L 2894 E3	E3	R	2.8	SS+,SA
Latham	L 3086 XF	RXF	R	3.0	SS+,SA
Latham	L 3329 E3	E3	R	3.3	SS+,SA
Latham	L 3448 R2X	RRX	R	3.4	SS,SA
Latham	L 3479 E3	E3	R	3.4	SS+,SA
NK Brand	NK27-A7XF	RXF	MR	2.7	CMBV,SA
NK Brand	NK28-T3XF §	RXF	R	2.8	CMBV,SA
NK Brand	NK29-A5E3 §	E3	MR	2.9	CMBV,SA
NK Brand	NK31-M7E3	E3	R	3.1	CMBV,SA
Pioneer	P26T23E §	E3	R	2.6	Lum,Lu,IL
Pioneer	P26T57E §	E3	R	2.6	Lum,Lu,IL
Pioneer	P27A17X §	RRX	R	2.7	Lum,Lu,IL
Stine	27EA23 §	E3	R	2.7	SFI
Stine	28EC32 §	E3	R	2.8	SFI
Stine	32EB02 §	E3	R	3.2	SFI

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Xitavo	XO 2832E	E3	R	2.8	PV,IL,OB
Xitavo	XO 2921E	E3	R	2.9	PV,IL,OB
Xitavo	XO 3131E	E3	R	3.1	PV,IL,OB
Xitavo	XO 3341E	E3	R	3.3	PV,IL,OB
Xitavo	XO 3402E	E3	R	3.4	PV,IL,OB
Zinesto	Z2700E	E3	R	2.7	DST4,SA
Zinesto	Z2900E	E3	R	2.9	DST4,SA
Zinesto	Z2902E	E3	NA	2.9	DST4,SA
Zinesto	Z3001E	E3	R	3.0	DST4,SA
Zinesto	Z3101E	E3	R	3.1	DST4,SA
Zinesto	Z3202E	E3	NA	3.2	DST4,SA
Zinesto	Z3402E	E3	NA	3.4	DST5

\* 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
LLGT27	LibertyLink® GT27®
RRX	Roundup Ready 2 Xtend®
RXF	Roundup Ready 2 XtendFlex®

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### Soybeans Seed Treatments\*

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NA	Not Available
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
CMBV,SA	Cruisemaxx® Beans, Vibrance®, Saltro®
DST4,SA	Dominance 4 ST,Saltro®
DST5	Dominance 5 ST
EQV,SA	Equity VIP, Saltro®
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PV,IL,OB	Poncho®/Votivo®, ILeVO, Obvius Plus
SF1	Stine XP F&I
SS,SA	SoyShield, Saltro®
SS+,SA	SoyShield Plus, Saltro®
Treated	Treated, unspecified

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