

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

2023 Soybeans Top 30 Harvest Report

Nebraska Northeast [NENE] CLEARWATER, NE
Nick Hoffman, Antelope County, NE

All-Season Test	Maturity Group 2.4 - 3.3 S2023NENE02
Top 30 of 43	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Atrazine 4I, Accent Q
SOIL DESCRIPTION:	Elsmere sand, well drained, irrigated
SOIL CONDITION:	high P, high K, 6.1 pH, 1.1% OM, 6.5 CEC
TILLAGE/CULTIVATION:	Conventional W/O Fall Till
PEST MANAGEMENT:	Fierce, Liberty 280 Sl, Roundup Powermax, Outlook, Crusader, Azoxyprop
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 9 156.0 /A 30" spacing
HARVESTED - STAND:	Oct 21 134.1 /A

TEST COMMENTS:

Emergence and stands at this site were excellent soon after planting. As the growing season progressed, plants developed nicely and weed control was good. With the light sandy soils in this location and minimal organic matter, dependence on center pivot irrigation was essential in keeping the plants moving along. During podfill heat played a major factor and irrigation was used heavily in order to keep moisture in the soil profile. Very minimal lodging at this location was observed during harvest. Some of the variance may be associated with even the slightest changes in the soil types where fine sand was present.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Stine	28EG29 § ↗	E3	2.8	R	73.8	12.1	1	133.3	930	1
NK Brand	NK33-W2E3S ↗	E3,ST	3.3	R	71.9	12.0	1	134.7	906	2
Asgrow	AG27XF3 § ↗	RXF	2.7	R	71.6	12.0	1	134.7	902	3
Dyna-Gro	S31EN14 ↗	E3	3.1	R	70.4	12.1	1	133.3	887	4
Xitavo	XO 2963E GC ↗	E3	2.9	R	70.3	12.2	1	136.0	886	5
Zinesto	Z2604E ↗	E3	2.6	R	69.7	12.2	1	133.3	878	6
Hoegemeyer	3134 E ↗	E3	3.1	R	69.5	11.7	1	134.7	876	7
Xitavo	XO 3014E ↗	E3,ST	3.0	R	69.3	12.0	1	134.7	873	8
NK Brand	NK30-U4XF § ↗	RXF	3.0	R	68.6	11.8	1	133.3	864	9
Pioneer	P26T57E § ↗	E3	2.6	R	68.2	12.1	1	134.7	859	10
Stine	27EG22 § ↗	E3	2.7	R	67.0	11.8	1	134.7	844	11
Genesis	G3171ES ↗	E3,ST	3.1	R	66.8	12.2	1	130.7	842	12
Pioneer	P29A19E § ↗	E3	2.9	MR	66.7	12.2	1	134.7	840	13
Hoegemeyer	2724 E ↗	E3	2.7	R	66.4	12.0	1	136.0	837	14
Hoegemeyer	2834 E ↗	E3	2.8	R	66.4	11.9	1	134.7	837	15
Dyna-Gro	S25EN74 ↗	E3	2.5	R	66.2	12.0	1	136.0	834	16
Xitavo	XO 2921E GC ↗	E3	2.9	R	65.7	12.1	1	136.0	828	17
Genesis	G2780E ↗	E3	2.7	R	64.4	11.9	1	134.7	811	18
Dyna-Gro	S25XF64 ↗	RXF	2.5	R	64.0	12.3	1	133.3	806	19
Zinesto	Z3104E ↗	E3	3.1	R	63.3	12.1	1	133.3	798	20
Xitavo	XO 3224E ↗	E3	3.2	R	63.1	12.1	1	134.7	795	21
Xitavo	XO 2613E ↗	E3	2.6	R	63.1	12.0	1	134.7	795	22
Zinesto	Z2700E ↗	E3	2.7	R	62.9	11.9	1	133.3	793	23
Hoegemeyer	2604 E ↗	E3	2.6	R	62.4	12.2	1	134.7	786	24
Hefty	H28XF3 ↗	RXF	2.8	R	61.8	12.2	1	132.0	779	25
Zinesto	Z2504E ↗	E3	2.5	R	60.9	12.2	1	136.0	767	26
Hefty	H33XF2 ↗	RXF	3.3	NA	60.0	11.8	1	136.0	756	27
Stine	24FD32 § ↗	RXF	2.4	R	59.8	12.1	1	133.3	753	28
Asgrow	AG26XF3 § ↗	RXF	2.6	R	59.8	12.2	1	136.0	753	29
Hefty	H26XF3 ↗	RXF	2.6	R	59.7	12.4	1	134.7	752	30

Corey Rozenboom

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corey.rozenboom@firstseedtests.com, (319) 830-8886

Averages = **63.1** **12.1** **1** **134.1** **796**

LSD (0.10) = 6.4 0.2 ns

LSD (0.25) = 3.4 0.1 ns

C.V. = 9.7

Historic yield: new site

Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.0

Drying = \$0.02

Prices: GMO = \$12.60

Report Date: 10/22/2023

† 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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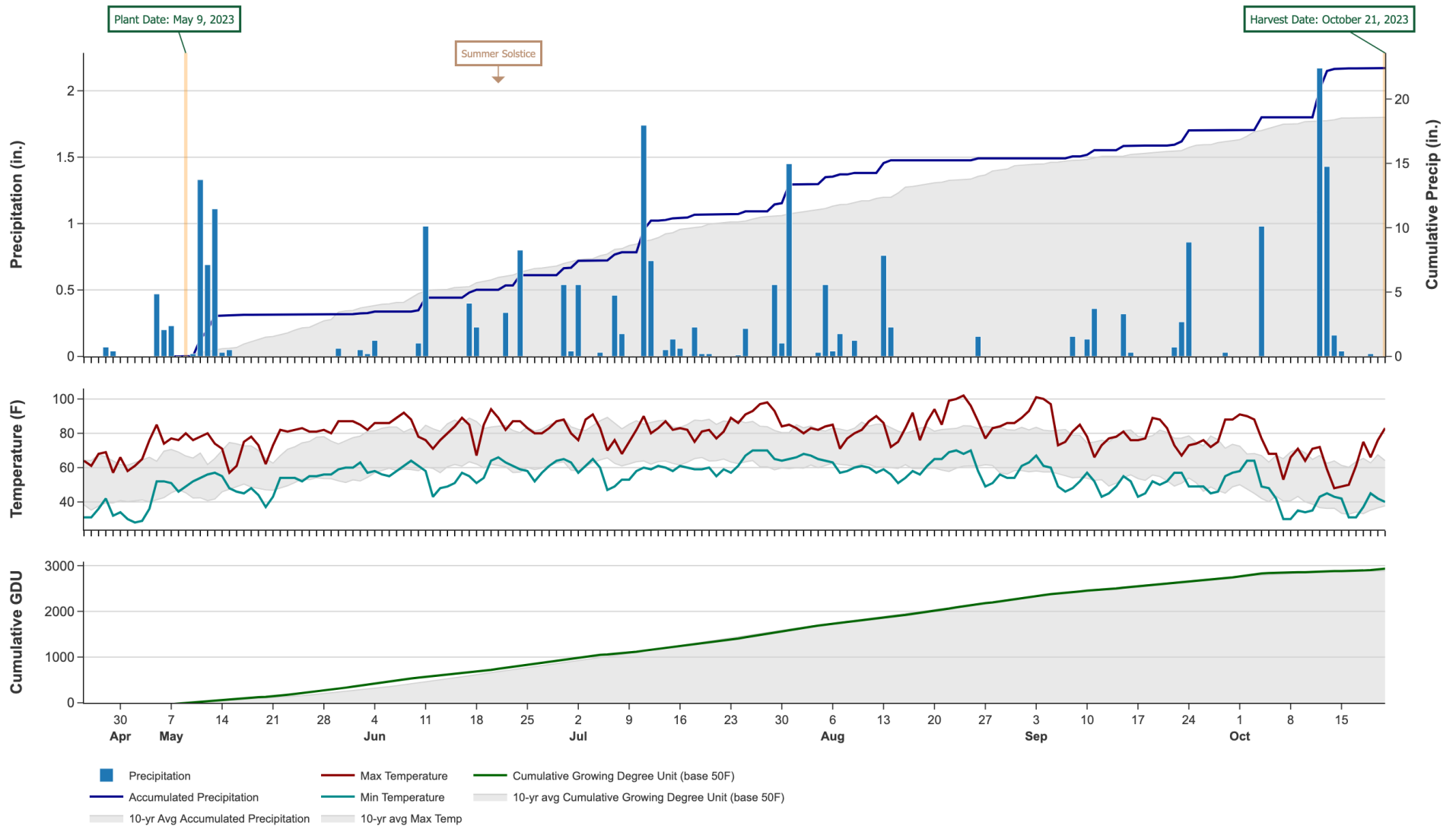
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2023 Soybeans - Nebraska Northeast [NENE]

Weather Conditions Summary at CLEARWATER, NE

Weather Data Retrieved: 10/22/2023

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	0.1 0.7 (-0.6)	4.2 4.7 (-0.5)	3.6 3.7 (-0.1)	6.5 3.9 (+2.6)	2.0 3.7 (-1.7)	2.2 1.9 (+0.3)	4.8 1.9 (+2.9)	23.4 20.5 (+2.9)
GDU Avg (Diff)	26 36 (-10)	417 315 (+101)	610 634 (-24)	650 729 (-79)	666 669 (-3)	486 478 (+7)	190 128 (+61)	3045 2993 (+51)



* 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	AG26XF3 §	RXF	R	2.6	ACi,IL
Asgrow	AG27XF3 §	RXF	R	2.7	ACi,IL
Asgrow	AG30XF4 §	RXF	R	3.0	ACi,IL
Asgrow	AG32XF2 GC	RXF	R	3.2	ACi,IL
Dyna-Gro	S25EN74	E3	R	2.5	EQ,VA,Sa
Dyna-Gro	S25XF64	RXF	R	2.5	EQV,Sa,Va
Dyna-Gro	S31EN14	E3	R	3.1	EQV,Sa,Va
Genesis	G2780E	E3	R	2.7	EcQ,NF,NH,SA
Genesis	G3171ES	E3,ST	R	3.1	EcQ,NF,NH,SA
Hefty	H24XF4	RXF	R	2.4	DST5
Hefty	H25XF4	RXF	R	2.5	DST5
Hefty	H26XF3	RXF	R	2.6	DST5
Hefty	H27XF4	RXF	R	2.7	DST5
Hefty	H28XF3	RXF	R	2.8	DST5
Hefty	H29XF3	RXF	R	2.9	DST5
Hefty	H30XF2	RXF	NA	3.0	DST5
Hefty	H33XF2	RXF	NA	3.3	DST5
Hoegemeyer	2604 E	E3	R	2.6	Lum,Lu,IL
Hoegemeyer	2724 E	E3	R	2.7	Lum,Lu,IL
Hoegemeyer	2834 E	E3	R	2.8	Lum,Lu,IL
Hoegemeyer	3134 E	E3	R	3.1	Lum,Lu,IL
NK Brand	NK28-B9E3S §	E3,ST	MR	2.8	CMB-APX,SA
NK Brand	NK28-P6XF §	RXF	MR	2.8	CMB-APX,SA
NK Brand	NK30-U4XF §	RXF	R	3.0	CMB-APX,SA
NK Brand	NK33-W2E3S	E3,ST	R	3.3	CMB-APX,SA
Pioneer	P26T57E §	E3	R	2.6	Untreated
Pioneer	P28A65E §	E3	R	2.8	Untreated
Pioneer	P29A19E §	E3	MR	2.9	Untreated
Stine	24FD32 §	RXF	R	2.4	ACi
Stine	27EG22 §	E3	R	2.7	ACi
Stine	28EG29 §	E3	R	2.8	ACi
Xitavo	XO 2444E	E3,ST	R	2.4	PV,IL,OB,Rey
Xitavo	XO 2501E	E3	R	2.5	PV,IL,OB,Rey
Xitavo	XO 2613E	E3	R	2.6	PV,IL,OB,Rey
Xitavo	XO 2832E	E3	R	2.8	PV,IL,OB,Rey
Xitavo	XO 2921E GC	E3	R	2.9	PV,IL,OB,Rey
Xitavo	XO 2963E GC	E3	R	2.9	PV,IL,OB,Rey
Xitavo	XO 3014E	E3,ST	R	3.0	PV,IL,OB,Rey
Xitavo	XO 3224E	E3	R	3.2	PV,IL,OB,Rey
Zinesto	Z2504E	E3	R	2.5	DST5
Zinesto	Z2604E	E3	R	2.6	DST5
Zinesto	Z2700E	E3	R	2.7	DST5

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Zinesto	Z3104E	E3	R	3.1	DST5

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	XtendFlex®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

NA	Not Available
ACi	Acceleron® Standard Insecticide-Fungicide
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
CMB-APX,SA	CruiserMaxx® APX with Saltro®
DST5	Dominance 5 ST
EcQ,NF,NH,SA	Eclipse US Total Quad-R, N-Force, N-Hibit, Saltro
EQ,VA,Sa	Equity VAYO, Saltro®
EQV,Sa,Va	Equity VIP, Saltro®, Vayantis®
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.