

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

2022 Soybeans Top 30 Harvest Report

Nebraska Northeast [NENE] OBERT, NE
Garrett Hingst, Cedar County, NE

All-Season Test	Maturity Group 2.4 - 3.3 S2022NENE01
Top 30 of 60	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Callisto, Dual, Atrazine
SOIL DESCRIPTION:	Loretto loam, mod. well drained, irrigated
SOIL CONDITION:	very high P, very high K, 6.1 pH, 2.7% OM, 15.6 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Zidua Pro, Liberty 280 Sl, Roundup Powermax, Se-Cure Ec, Cadet, Clethodim, Blazer, Priaxor
FERTILITY - Applied N:	15# S, 2# Zn
Applied N-P-K (units):	0-60-90
SEEDED - RATE - ROW:	May 16 144.0 /A 30" spacing
HARVESTED - STAND:	Oct 17 125.5 /A

TEST COMMENTS:

This area has been in a drought for the last two years with a current status of D3 (extreme drought). With well-timed irrigation, soybeans on Garrett's farm endured the above-average temperatures during the summer months and showed good pod formation and seed size. A diverse herbicide program was used through the season to attempt to stay ahead of and control weed pressure on this no-till farm. However, a narrow band of heavy lambsquarter and waterhemp pressure overcame the chemistry in one part of the field which resulted in a swath that ran through the bottom of the plot area. This resulted in several plots being discarded; two replicates were complete for every variety.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Stine	26EF23 § ↗	E3	2.6	R	75.4	9.1	0	120.0	999	1
Golden Harvest	GH2653XF § ↗	RXF	2.6	R	75.3	8.9	0	120.7	998	2
Xitavo	XO 2832E ↗	E3	2.8	R	74.6	9.0	0	128.3	988	3
Golden Harvest	GH3023XF § ↗	RXF	3.0	R	74.1	9.2	0	132.5	982	4
Stine	32EE21 § ↗	E3	3.2	R	72.5	9.2	0	120.0	961	5
Genesis	G2960E ↗	E3	2.9	R	72.4	9.0	0	120.7	959	6
Dyna-Gro	S29EN62 ↗	E3	2.9	R	72.0	9.1	0	145.0	954	7
Zinesto	Z3001E ↗	E3	3.0	R	71.9	9.2	0	128.3	953	8
Zinesto	Z2401E ↗	E3	2.4	R	71.3	8.9	0	132.5	945	9
Zinesto	Z3203E ↗	E3	3.2	R	71.2	9.0	0	128.3	943	10
Stine	26EC32 § ↗	E3	2.6	R	70.9	9.0	0	136.7	939	11
Latham	L 2894 E3 ↗	E3	2.8	R	70.3	9.3	0	120.0	931	12
Xitavo	XO 3131E ↗	E3	3.1	R	70.1	9.1	0	120.0	929	13
Hoegemeyer	2553 E ↗	E3	2.5	R	70.0	8.9	0	132.5	928	14
Stine	31EF23 GC ↗	E3	3.1	R	69.8	8.8	0	120.0	925	15
Golden Harvest	GH2722XF ↗	RXF	2.7	MR	69.5	8.9	0	108.5	921	16
Zinesto	Z2902E ↗	E3	2.9	NA	69.3	9.0	0	120.0	918	17
Zinesto	Z2700E ↗	E3	2.7	R	69.2	9.3	0	112.3	917	18
NK Brand	NK27-A7XF ↗	RXF	2.7	MR	68.8	8.9	0	120.0	912	19
NK Brand	NK25-C9XF ↗	RXF	2.5	MR	68.4	8.7	0	132.5	906	20
Genesis	G2570ES ↗	E3,ST	2.5	R	68.1	9.0	0	120.0	902	21
Latham	L 3123 E3 ↗	E3	3.1	R	68.1	9.3	0	128.3	902	22
Pioneer	P26T23E § ↗	E3	2.6	R	67.6	8.8	0	128.3	896	23
Xitavo	XO 2472E ↗	E3,ST	2.4	R	67.5	9.1	0	120.0	894	24
Renk	RS2-271E ↗	E3	2.7	R	67.4	9.0	0	128.3	893	25
Hoegemeyer	2763 E ↗	E3	2.7	R	66.5	9.3	0	121.0	881	26
Xitavo	XO 2963E ↗	E3	2.9	R	66.4	9.6	0	129.0	880	27
NK Brand	NK31-M7E3 ↗	E3	3.1	R	66.3	9.3	0	132.5	877	28
Asgrow	AG32XF2 § ↗	RXF	3.2	R	66.1	9.6	0	132.5	874	29
Latham	L 2786 XF ↗	RXF	2.7	R	66.0	9.0	0	128.3	874	30

Corey Rozenboom

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Averages = **64.8** **9.1** **125.5** **859**

LSD (0.10) = 5.6 ns ns

LSD (0.25) = 2.9 ns ns

C.V. = 8.2

Historic yield: new site

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.02 Prices: GMO = \$13.25

Report Date: 10/18/2022

† 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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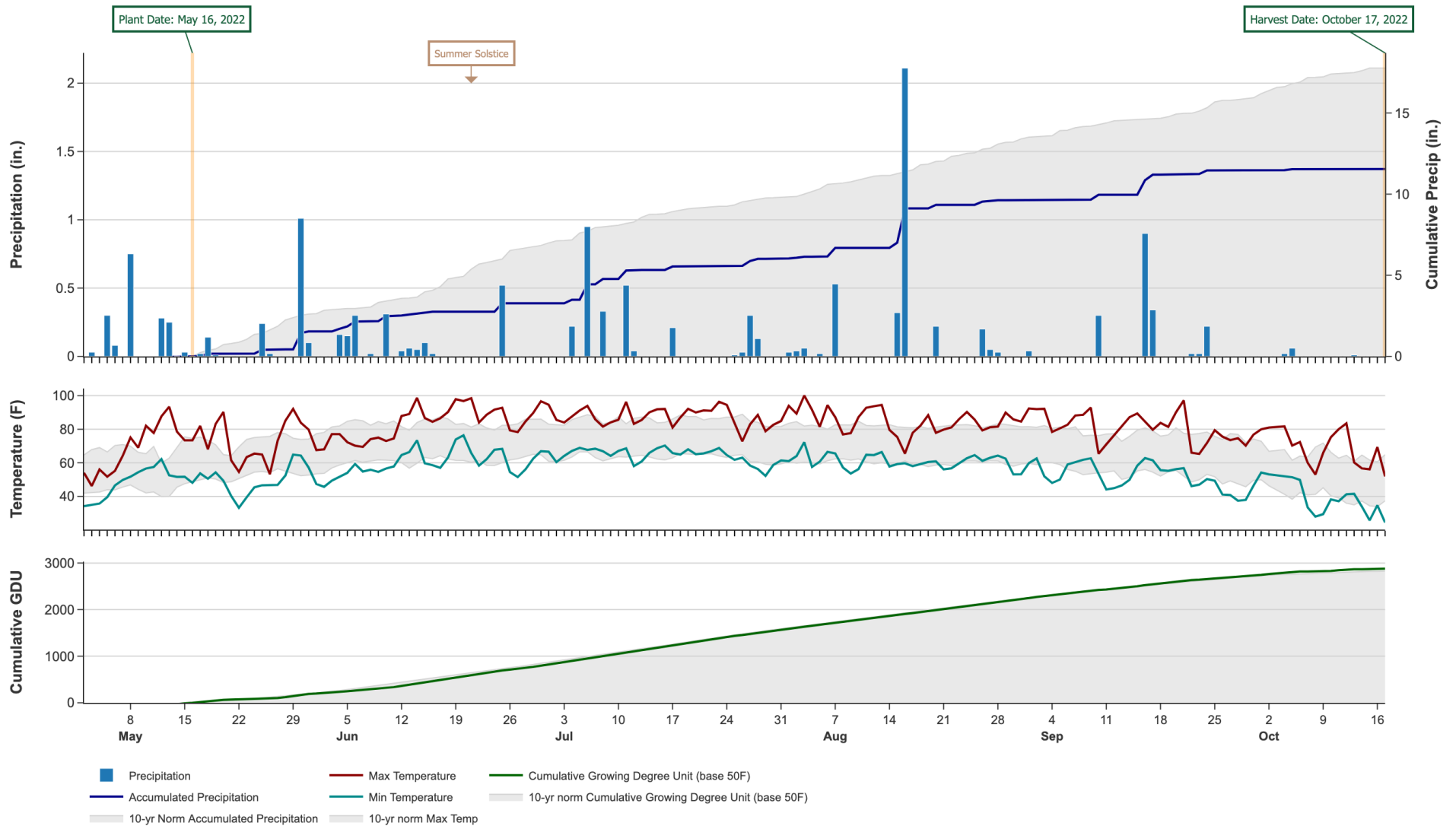
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2022 Soybeans - Nebraska Northeast [NENE]

Weather Conditions Summary at OBERT, NE

Weather Data Retrieved: 10/18/2022

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	3.3 4.0 (-0.8)	1.7 4.2 (-2.5)	2.7 3.0 (-0.2)	3.6 3.6 (0.0)	1.8 2.5 (-0.7)	0.1 1.8 (-1.7)	13.3 19.2 (-5.9)
GDU Normal (Diff)	344 323 (+20)	607 656 (-49)	757 741 (+15)	670 654 (+15)	504 474 (+29)	149 108 (+40)	3031 2958 (+72)



* 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 (60 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2631 GC	E3	R	2.6	Treated
Asgrow	AG24XF3 §	RXF	R	2.4	ACi
Asgrow	AG26XF3 §	RXF	R	2.6	ACi,IL
Asgrow	AG32XF2 §	RXF	R	3.2	ACi,IL
Channel	2622RFX GC	RXF	R	2.6	ACi
Channel	2922RFX GC	RXF	R	2.9	ACi
Channel	3022RFX GC	RXF	R	3.0	ACi
Dyna-Gro	S26XF42	RXF	R	2.6	EQV,Sa,Va
Dyna-Gro	S29EN62	E3	R	2.9	EQV,Sa,Va
Dyna-Gro	S31XF82	RXF	R	3.1	EQV,Sa,Va
Genesis	G2550E	E3	R	2.5	EcTC,SA
Genesis	G2570ES	E3,ST	R	2.5	EcTC,SA
Genesis	G2960E	E3	R	2.9	EcTC,SA
Golden Harvest	GH2653XF §	RXF	R	2.6	CMBV,SA
Golden Harvest	GH2722XF	RXF	MR	2.7	CMBV,SA
Golden Harvest	GH3023XF §	RXF	R	3.0	CMBV,SA
Golden Harvest	GH3192XF	RXF	MR	3.1	CMBV,SA
Hefty	H24XF2	RXF	NA	2.4	DST4
Hefty	H25XF3	RXF	R	2.5	DST4
Hefty	H26XF3	RXF	R	2.6	DST4
Hefty	H28XF3	RXF	R	2.8	DST4
Hefty	H29XF3	RXF	R	2.9	DST4
Hefty	H30XF2	RXF	NA	3.0	DST4
Hefty	H31XF2	RXF	NA	3.1	DST4
Hoegemeyer	2553 E	E3	R	2.5	Lum,Lu,IL
Hoegemeyer	2763 E	E3	R	2.7	Lum,Lu,IL
Latham	L 2458 E3	E3	R	2.4	SS+,SA
Latham	L 2494 XF	RXF	R	2.4	SS+,SA
Latham	L 2638 E3	E3	R	2.6	SS+,SA
Latham	L 2786 XF	RXF	R	2.7	SS+,SA
Latham	L 2894 E3	E3	R	2.8	SS+,SA
Latham	L 3086 XF	RXF	R	3.0	SS+,SA
Latham	L 3123 E3	E3	R	3.1	SS+,SA
Latham	L 3384 XF	RXF	R	3.3	SS+,SA
NK Brand	NK25-C9XF	RXF	MR	2.5	CMBV,SA
NK Brand	NK27-A7XF	RXF	MR	2.7	CMBV,SA
NK Brand	NK29-Z4E3 §	E3	R	2.9	CMBV,SA
NK Brand	NK31-M7E3	E3	R	3.1	CMBV,SA
Pioneer	P26T23E §	E3	R	2.6	Untreated
Pioneer	P26T57E §	E3	R	2.6	Untreated
Pioneer	P29T37E §	E3	NA	2.9	Untreated
Renk	RS2-271E	E3	R	2.7	EcTC,SA

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Stine	26EC32 §	E3	R	2.6	SFI
Stine	26EF23 §	E3	R	2.6	SFI
Stine	31EF23 GC	E3	R	3.1	SFI
Stine	32EE21 §	E3	R	3.2	SFI
Xitavo	XO 2472E	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 2963E	E3	R	2.9	PV,IL,OB,Rey
Xitavo	XO 3131E	E3	R	3.1	PV,IL,OB,Rey
Zinesto	Z2401E	E3	R	2.4	DST4
Zinesto	Z2503E	E3	R	2.5	DST4
Zinesto	Z2603E	E3	R	2.6	DST4
Zinesto	Z2700E	E3	R	2.7	DST4
Zinesto	Z2902E	E3	NA	2.9	DST4
Zinesto	Z3001E	E3	R	3.0	DST4
Zinesto	Z3203E	E3	R	3.2	DST4
Zinesto	Z3303E	E3	R	3.3	DST4

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	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,SA	Cruisermx® Beans, Vibrance®, Saltro®
DST4	Dominance 4 ST
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro®
EQV,Sa,Va	Equity VIP, Saltro®, Vayantis
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
SFI	Stine XP F&I
SS+,SA	SoyShield Plus, Saltro®
Treated	Treated, unspecified
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.