

Test by: Agri Seed Research, LLC Louisburg, KS

2023 Soybeans Top 30 Harvest Report

Nebraska Southeast [NESE] DOUGLAS, NE
Tim Dozier, Otoe County, NE 68346

All-Season Test	Maturity Group 3.1 - 4.0 S2023NESE11
Top 30 of 37	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Metolachlor, 2,4-D, Atrazine
SOIL DESCRIPTION:	Zook silty clay loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	high P, low K, 6.9 pH, 3.7% OM, 19.5 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Glyphosate, 2,4-D, Authority, Sencor, Liberty
FERTILITY - Applied N:	P & K VRT
Applied N-P-K (units):	0-0-0
SEDED - RATE - ROW:	May 9 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 1 134.9 /A

TEST COMMENTS:

This site was planted into a clean seedbed with enough moisture to germinate. June was extremely dry with some timely showers in early July. August and September were hot and dry. Plants showed signs of stress in August when they were trying to set pods and fill. Plants were standing well at harvest. Most varieties had underdeveloped seeds in pods that were light enough they passed through the combine and blew out the back. Great weed control.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hefty	H34XF3 ↗	RXF	3.4	R	53.4	11.5	0	134.0	641	1
Asgrow	AG39XF3 § ↗	RXF	3.9	R	50.2	11.0	0	132.3	602	2
Dyna-Gro	S37XF33 ↗	RXF	3.7	MR	50.0	11.3	0	130.7	600	3
Golden Harvest	GH4093E3 ↗	E3	4.0	R	49.8	11.2	0	135.7	598	4
Xitavo	XO 3483E ↗	E3	3.4	MR	49.8	11.3	0	135.7	598	5
Genesis	G4080ES ↗	E3,ST	4.0	R	49.7	11.2	0	135.7	596	6
Mustang	XF39123 ↗	RXF,ST	3.9	R	49.3	10.9	0	134.0	592	7
Asgrow	AG35XF1 § ↗	RXF	3.5	R	49.2	11.2	0	135.7	590	8
Stine	40FD29 § ↗	RXF	4.0	R	49.1	11.4	0	134.0	589	9
Hoegemeyer	3134 E ↗	E3	3.1	R	49.0	11.1	0	135.7	588	10
Stine	37FD02 § ↗	RXF	3.7	R	48.9	11.5	0	134.0	587	11
Xitavo	XO 3224E ↗	E3	3.2	R	48.3	11.2	0	135.7	580	12
Xitavo	XO 3752E ↗	E3,ST	3.7	R	48.0	11.3	0	137.3	576	13
Pioneer	P38A54E § ↗	E3	3.8	NA	48.0	11.1	0	132.3	576	14
Stine	38EG32 § ↗	E3	3.8	R	47.8	11.1	0	135.7	574	15
Golden Harvest	GH3913XF ↗	RXF	3.9	R	47.7	10.9	0	134.0	572	16
Xitavo	XO 4084E ↗	E3,ST	4.0	R	47.6	11.2	0	135.7	571	17
NK Brand	NK37-B7XFS § ↗	RXF,ST	3.7	MR	47.6	11.6	0	135.7	571	18
Mustang	39ES823 ↗	E3,ST	3.9	MR	47.5	11.1	0	135.7	570	19
Hoegemeyer	3274 E ↗	E3	3.2	R	47.3	11.1	0	135.7	568	20
Golden Harvest	GH3693E3S ↗	E3,ST	3.6	R	47.3	11.3	0	137.3	568	21
Hoegemeyer	3544 E ↗	E3	3.5	R	47.1	11.1	0	134.0	565	22
Dyna-Gro	S35XF44 ↗	RXF	3.5	R	46.4	11.1	0	132.3	557	23
Mustang	XF38623 ↗	RXF,ST	3.8	MR	46.2	11.5	0	132.3	554	24
Golden Harvest	GH3192XF § ↗	RXF	3.1	MR	46.0	11.4	0	139.0	552	25
NK Brand	NK39-J2E3 ↗	E3	3.9	MR	46.0	11.3	0	137.3	552	26
Asgrow	AG32XF2 § ↗	RXF	3.2	R	45.9	11.3	0	134.0	551	27
Genesis	G3880E ↗	E3	3.8	R	45.5	11.4	0	130.7	546	28
NK Brand	NK39-M8XF ↗	RXF	3.9	R	45.4	10.9	0	134.0	545	29
NK Brand	NK37-C1E3 § ↗	E3	3.7	R	44.6	11.5	0	135.7	535	30

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Averages = **47.1** **11.2** **134.9** **565**

LSD (0.10) = 2.6 0.2 ns

LSD (0.25) = 1.3 0.1 ns

C.V. = 5.2 Historic yield: 57.33 bu/a, 7 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$12.00

Report Date: 10/02/2023

† 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

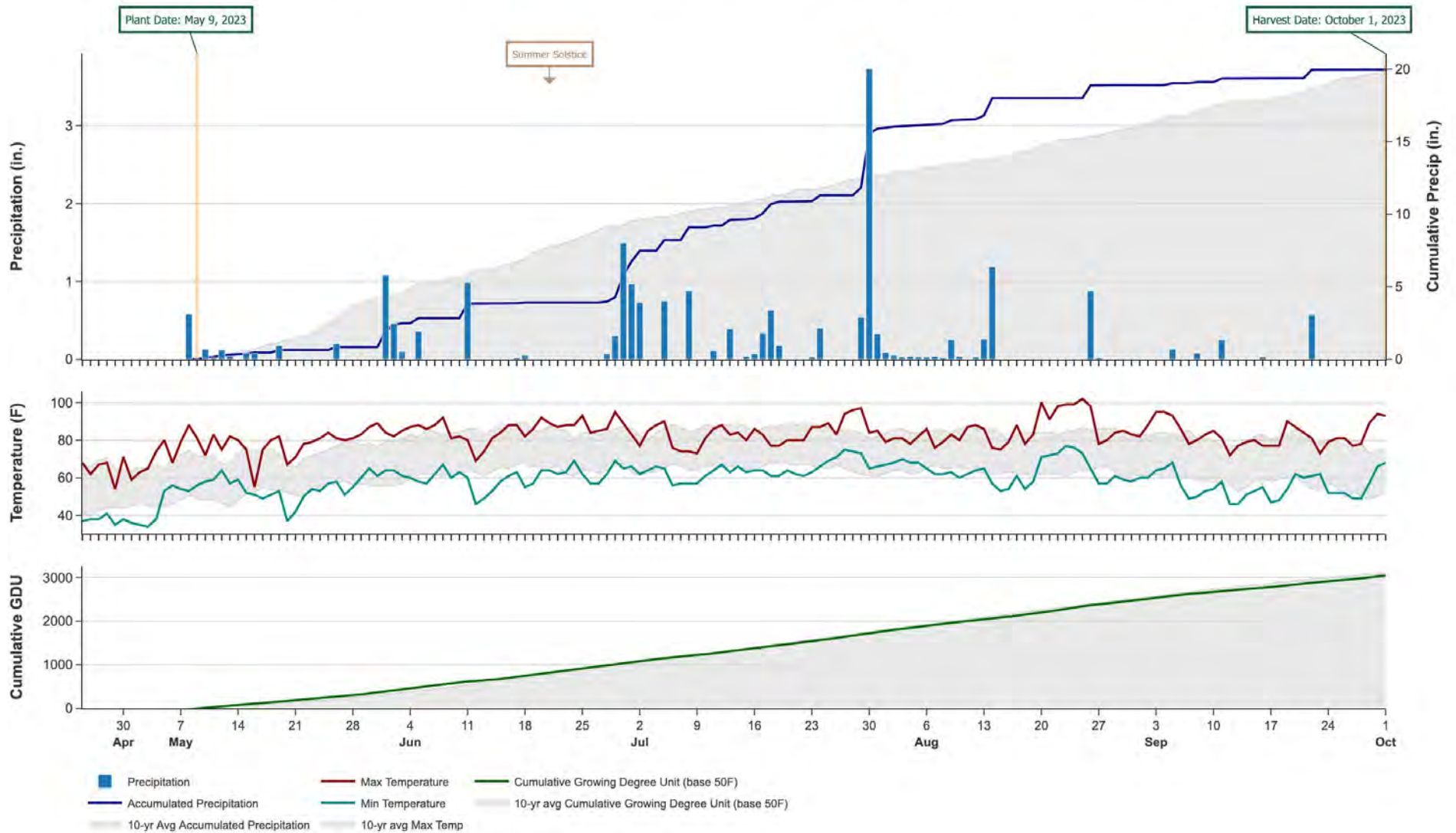
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2023 Soybeans - Nebraska Southeast [NESE]

Weather Conditions Summary at DOUGLAS, NE

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	0.0 0.8 (-0.8)	1.4 6.1 (-4.6)	4.9 5.0 (-0.1)	10.1 3.5 (+6.7)	3.0 3.2 (-0.2)	1.1 3.8 (-2.7)	0.0 0.3 (-0.3)	20.6 22.7 (-2.1)
GDU Avg (Diff)	43 50 (-7)	470 381 (+88)	666 706 (-40)	719 777 (-58)	716 741 (-25)	556 562 (-6)	27 13 (+13)	3197 3232 (-35)



* 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 (37 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG32XF2	RXF	R	3.2	ACi,IL
Asgrow	AG35XF1	RXF	R	3.5	ACi,IL
Asgrow	AG39XF3	RXF	R	3.9	ACi,IL
Dyna-Gro	S35XF44	RXF	R	3.5	EQ,VA,Sa
Dyna-Gro	S37XF33	RXF	MR	3.7	EQV,Sa,Va
Genesis	G3880E	E3	R	3.8	EcQ,NF,NH,SA
Genesis	G4080ES	E3,ST	R	4.0	EcQ,NF,NH,SA
Golden Harvest	GH3192XF	RXF	MR	3.1	CMB-APX,SA
Golden Harvest	GH3693E3S	E3,ST	R	3.6	CMB-APX,SA
Golden Harvest	GH3913XF	RXF	R	3.9	CMB-APX,SA
Golden Harvest	GH4093E3	E3	R	4.0	CMB-APX,SA
Hefty	H34XF3	RXF	R	3.4	DST5
Hoegemeyer	3134 E	E3	R	3.1	Lum,Lu,IL
Hoegemeyer	3274 E	E3	R	3.2	Lum,Lu,IL
Hoegemeyer	3544 E	E3	R	3.5	Lum, LumT, IL
Hoegemeyer	3894 E	E3	R	3.8	Lum,Lu,IL
Mustang	3392E3	E3	R	3.3	Edge-SST
Mustang	39ES823	E3,ST	MR	3.9	Edge-SST
Mustang	XF38623	RXF,ST	MR	3.8	Edge-SST
Mustang	XF39123	RXF,ST	R	3.9	Edge-SST
NK Brand	NK37-B7XFS	RXF,ST	MR	3.7	CMB-APX,SA
NK Brand	NK37-C1E3	E3	R	3.7	CMB-APX,SA
NK Brand	NK39-J2E3	E3	MR	3.9	CMB-APX,SA
NK Brand	NK39-M8XF	RXF	R	3.9	CMB-APX,SA
Pioneer	P37A18E	E3	MR	3.7	Lum, LumT, IL
Pioneer	P38A28E	E3	MR	3.8	Lum, LumT, IL
Pioneer	P38A54E	E3	NA	3.8	Lum, LumT, IL
Renk	RS353NXF	RXF	R	3.5	Treated
Stine	37FD02	RXF	R	3.7	ACi
Stine	38EG32	E3	R	3.8	ACi
Stine	40FD29	RXF	R	4.0	ACi
Xitavo	XO 3224E	E3	R	3.2	PV,IL,OB,Rey
Xitavo	XO 3341E	E3	R	3.3	PV,IL,OB,Rey
Xitavo	XO 3483E	E3	MR	3.4	PV,IL,OB,Rey
Xitavo	XO 3752E	E3,ST	R	3.7	PV,IL,OB,Rey
Xitavo	XO 3803E	E3,ST	MR	3.8	PV,IL,OB,Rey
Xitavo	XO 4084E	E3,ST	R	4.0	PV,IL,OB,Rey

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
Edge-SST	Cruiser®, Apron XL®, Maxim®, Dynasty®, Mertect®, Optimize®, Saltro® (Midland Genetics)
EQ,VA,Sa	Equity VAYO, Saltro®
EQV,Sa,Va	Equity VIP, Saltro®, Vayantis®
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
Treated	Treated, unspecified

* Seed treatments may include unspecified plant health promoting components.