

Test by: Agri Seed Research, LLC Louisburg, KS

2023 Soybeans Top 30 Harvest Report

Nebraska Southeast [NESE] BEATRICE, NE
Joe Thimm, Gage County, NE 68310

All-Season Test	Maturity Group 3.1 - 4.0 S2023NESE10
Top 30 of 37	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Glyphosate, Atrazine, Mesotrione
SOIL DESCRIPTION:	Wymore silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	high P, medium K, 6.6 pH, 4.4% OM, 21.1 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Glyphosate, Liberty, 2,4- D(Burndown), Dual, Authority
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 16 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 21 136.8 /A

TEST COMMENTS:

This site was planted into a clean seedbed. Warm soil temperatures at planting allowed quick germination. May and June were above average temperatures and below-average rainfall. July brought some hit and miss rains. August was hot. Plants were standing well at harvest with very little disease pressure apparent. Most varieties had pods with undeveloped soybeans in them. Great weed control.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Golden Harvest	GH3693E3S ↗	E3,ST	3.6	R	38.7	10.0	0	135.7	464	1
NK Brand	NK37-B7XFS § ↗	RXF,ST	3.7	MR	38.4	10.3	0	135.7	461	2
Mustang	XF38623 ↗	RXF,ST	3.8	MR	37.7	10.1	0	140.7	452	3
NK Brand	NK39-M8XF ↗	RXF	3.9	R	37.6	10.0	0	134.0	451	4
Xitavo	XO 3224E ↗	E3	3.2	R	37.5	10.2	0	135.7	450	5
Dyna-Gro	S35XF44 ↗	RXF	3.5	R	37.4	10.3	0	135.7	449	6
Hoegemeyer	3894 E ↗	E3	3.8	R	37.4	10.0	0	137.3	449	7
Xitavo	XO 3483E ↗	E3	3.4	MR	37.3	10.0	0	137.3	448	8
Xitavo	XO 3752E ↗	E3,ST	3.7	R	36.9	9.4	0	139.0	443	9
Dyna-Gro	S37XF33 ↗	RXF	3.7	MR	36.8	10.1	0	135.7	442	10
Xitavo	XO 4084E ↗	E3,ST	4.0	R	36.8	10.0	0	137.3	442	11
Hoegemeyer	3274 E ↗	E3	3.2	R	36.4	9.7	0	137.3	437	12
Genesis	G3880E ↗	E3	3.8	R	36.3	9.7	0	140.7	436	13
Xitavo	XO 3341E ↗	E3	3.3	R	35.4	10.1	0	137.3	425	14
Mustang	XF39123 ↗	RXF,ST	3.9	R	35.3	9.5	0	137.3	424	15
Hoegemeyer	3544 E ↗	E3	3.5	R	34.5	9.8	0	135.7	414	16
NK Brand	NK39-J2E3 ↗	E3	3.9	MR	34.5	10.3	0	137.3	414	17
Golden Harvest	GH3913XF ↗	RXF	3.9	R	34.3	10.0	0	137.3	412	18
Hoegemeyer	3134 E ↗	E3	3.1	R	34.0	9.8	0	139.0	408	19
Mustang	39ES823 ↗	E3,ST	3.9	MR	33.9	10.1	0	139.0	407	20
NK Brand	NK37-C1E3 § ↗	E3	3.7	R	33.9	10.4	0	137.3	407	21
Stine	38EG32 § ↗	E3	3.8	R	33.5	10.0	0	137.3	402	22
Pioneer	P38A54E § ↗	E3	3.8	NA	33.4	10.0	0	134.0	401	23
Xitavo	XO 3803E ↗	E3,ST	3.8	MR	33.2	9.6	0	137.3	398	24
Renk	RS353NXF ↗	RXF	3.5	R	32.9	10.2	0	134.0	395	25
Golden Harvest	GH4093E3 ↗	E3	4.0	R	32.7	10.0	0	134.0	392	26
Pioneer	P37A18E § ↗	E3	3.7	MR	32.7	9.8	0	137.3	392	27
Asgrow	AG35XF1 § ↗	RXF	3.5	R	32.3	10.1	0	132.3	388	28
Genesis	G4080ES ↗	E3,ST	4.0	R	32.2	10.3	0	137.3	386	29
Hefty	H34XF3 ↗	RXF	3.4	R	31.9	10.0	0	142.3	383	30



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Averages = **34.3** **10.0** **136.8** **412**

LSD (0.10) = 3.4 0.4 ns

LSD (0.25) = 1.8 0.2 ns

C.V. = 9.4

Historic yield: 49.85 bu/a, 11 yr(s)

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

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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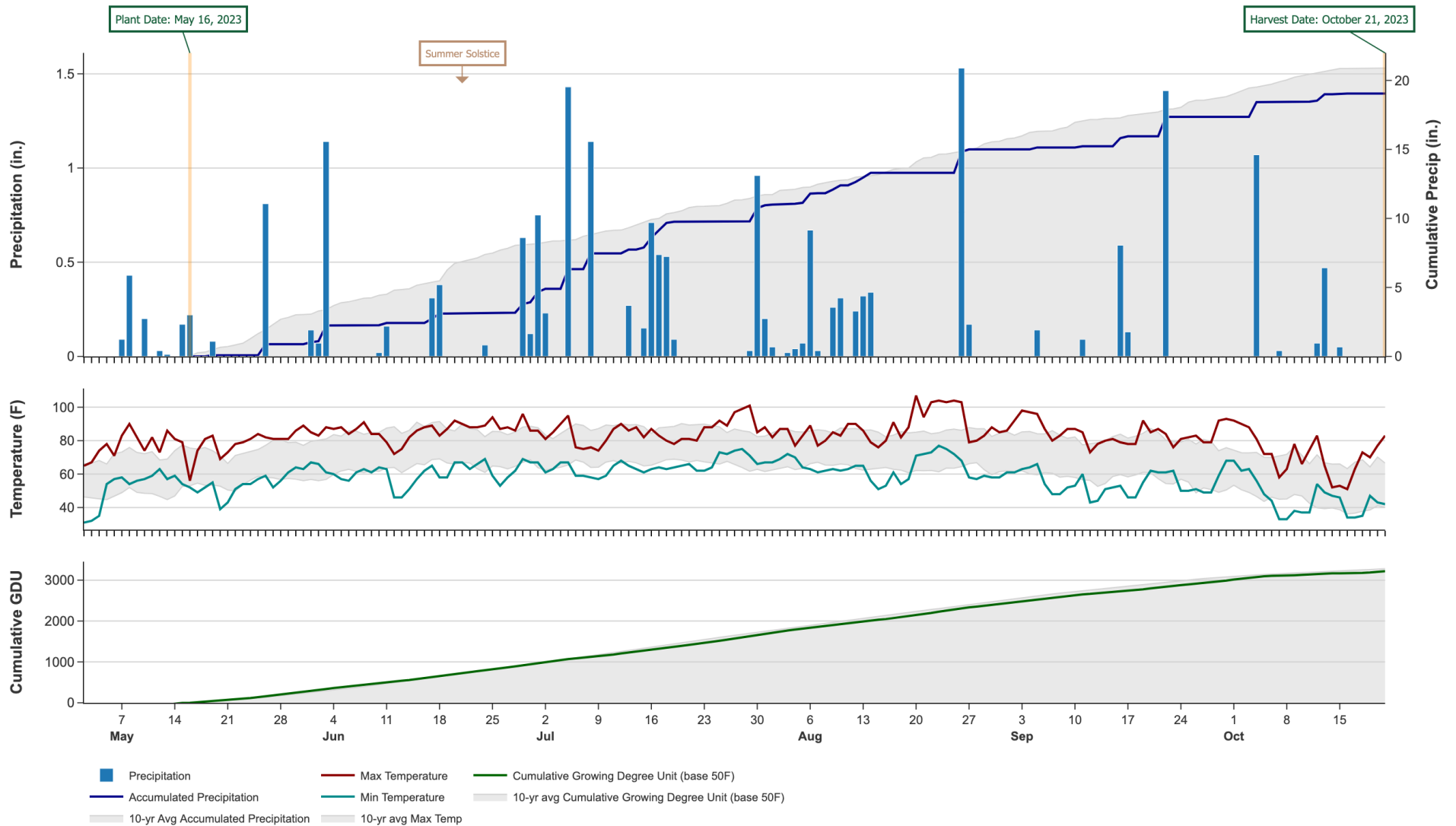
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2023 Soybeans - Nebraska Southeast [NESE]

Weather Conditions Summary at BEATRICE, NE

Weather Data Retrieved: 10/22/2023

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	2.0 5.1 (-3.0)	3.0 5.0 (-2.0)	7.0 3.6 (+3.4)	4.0 3.9 (+0.2)	2.4 3.2 (-0.9)	1.7 2.1 (-0.4)	20.2 22.9 (-2.7)
GDU Avg (Diff)	481 390 (+90)	680 723 (-43)	742 793 (-51)	732 756 (-24)	572 579 (-7)	228 199 (+28)	3435 3443 (-8)



* 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 GC	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.