

Test by: Agri Seed Research, LLC Louisburg, KS

## 2022 Soybeans Top 30 Harvest Report

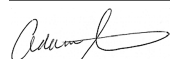
Nebraska Southeast [NESE] UNION, NE  
Nick Smith, Cass County, NE 68455

<b>All-Season Test</b>	Maturity Group <b>3.1 - 4.0</b> S2022NESE09
<b>Top 30 of 37</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Acetochlor, Atrazine, Mesotrione
<b>SOIL DESCRIPTION:</b>	Marshall silt loam, moderately drained, non-irrigated
<b>SOIL CONDITION:</b>	medium P, low K, 6.9 pH, 3.6% OM, 17.1 CEC
<b>TILLAGE/CULTIVATION:</b>	No-Till
<b>PEST MANAGEMENT:</b>	Glyphosate, 2,4-D, Authority
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 26 145.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 15 137.9 /A

### TEST COMMENTS:

*This site emerged from a clean seedbed very uniform thanks to warm weather. June brought a couple of timely showers. July, August, and September were hot and dry, and showers were hit and miss. Plants were standing well but shorter than normal. Very little disease pressure was seen. Plants threshed easily, and some three bean pods only had two beans present at harvest. Great weed control.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Xitavo	XO 3803E ↗	E3,ST	3.8	MR	<b>54.7</b>	10.3	0	137.3	760	1
Midland Genetics	3522XF ↗	RXF	3.5	MR	<b>53.4</b>	10.3	0	137.3	742	2
Dyna-Gro	S39XF41 ↗	RXF,ST	3.9	MR	<b>53.3</b>	10.3	0	140.7	741	3
Stine	32EE21 § ↗	E3	3.2	R	<b>52.9</b>	10.2	0	137.3	735	4
Asgrow	AG32XF2 § ↗	RXF	3.2	R	<b>52.8</b>	10.2	0	139.0	734	5
NK Brand	NK34-G1XF § ↗	RXF	3.4	MR	<b>52.6</b>	10.3	0	134.0	731	6
Xitavo	XO 3752E ↗	E3	3.7	R	52.3	10.4	0	135.7	727	7
Xitavo	XO 3402E ↗	E3	3.4	R	51.9	10.1	0	137.3	721	8
Stine	38EF32 § ↗	E3	3.8	R	51.9	10.2	0	139.0	721	9
NK Brand	NK33-W2E3S § ↗	E3,ST	3.3	R	51.7	10.0	0	135.7	719	10
Golden Harvest	GH3922E3 ↗	E3	3.9	MR	51.4	10.3	0	139.0	714	11
Midland Genetics	39E83 ↗	E3,ST	3.9	MR	51.4	10.3	0	134.0	714	12
Midland Genetics	38X63 ↗	RXF,ST	3.7	MR	50.9	10.2	0	142.3	708	13
Hoegemeyer	3953 E ↗	E3	3.9	R	50.8	10.2	0	139.0	706	14
Midland Genetics	3392E3 ↗	E3	3.3	R	50.1	10.1	0	137.3	696	15
Dyna-Gro	S37XF33 ↗	RXF	3.7	MR	50.1	10.3	0	139.0	696	16
Stine	31EF23 § ↗	E3	3.1	R	49.8	10.3	0	137.3	692	17
Pioneer	P38A54E § ↗	E3	3.8	NA	49.8	10.3	0	142.3	692	18
Midland Genetics	3742 E3S ↗	E3,ST	3.7	R	49.7	10.2	0	140.7	691	19
Midland Genetics	3999E3 ↗	E3	3.9	R	49.5	10.2	0	135.7	688	20
Genesis	G3760ES ↗	E3,ST	3.7	R	49.4	10.2	0	139.0	687	21
NK Brand	NK36-H9E3S ↗	E3,ST	3.6	R	49.2	10.2	0	137.3	684	22
Xitavo	XO 3922E ↗	E3	3.9	R	49.2	10.2	0	135.7	684	23
Pioneer	P40A23E § ↗	E3	4.0	NA	49.2	10.3	0	139.0	684	24
Pioneer	P39T61SE § ↗	E3,ST	3.9	NA	49.1	10.4	0	135.7	682	25
Asgrow	AG35XF1 § ↗	RXF	3.5	R	49.0	10.3	0	137.3	681	26
Hoegemeyer	3413 E ↗	E3	3.4	R	48.7	10.2	0	137.3	677	27
Xitavo	XO 3483E ↗	E3,ST	3.4	MR	47.9	10.2	0	140.7	666	28
Asgrow	AG40XF1 § ↗	RXF,ST	4.0	R	47.8	10.3	0	139.0	664	29
Golden Harvest	GH3132E3 § ↗	E3	3.1	R	47.6	10.2	0	140.7	662	30



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Averages = **49.7** **10.2** **137.9** **691**

LSD (0.10) = 2.9 ns ns

LSD (0.25) = 1.5 ns ns

C.V. = 5.6

Historic yield: 58.71 bu/a, 9 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$13.90

Report Date: 10/16/2022

† 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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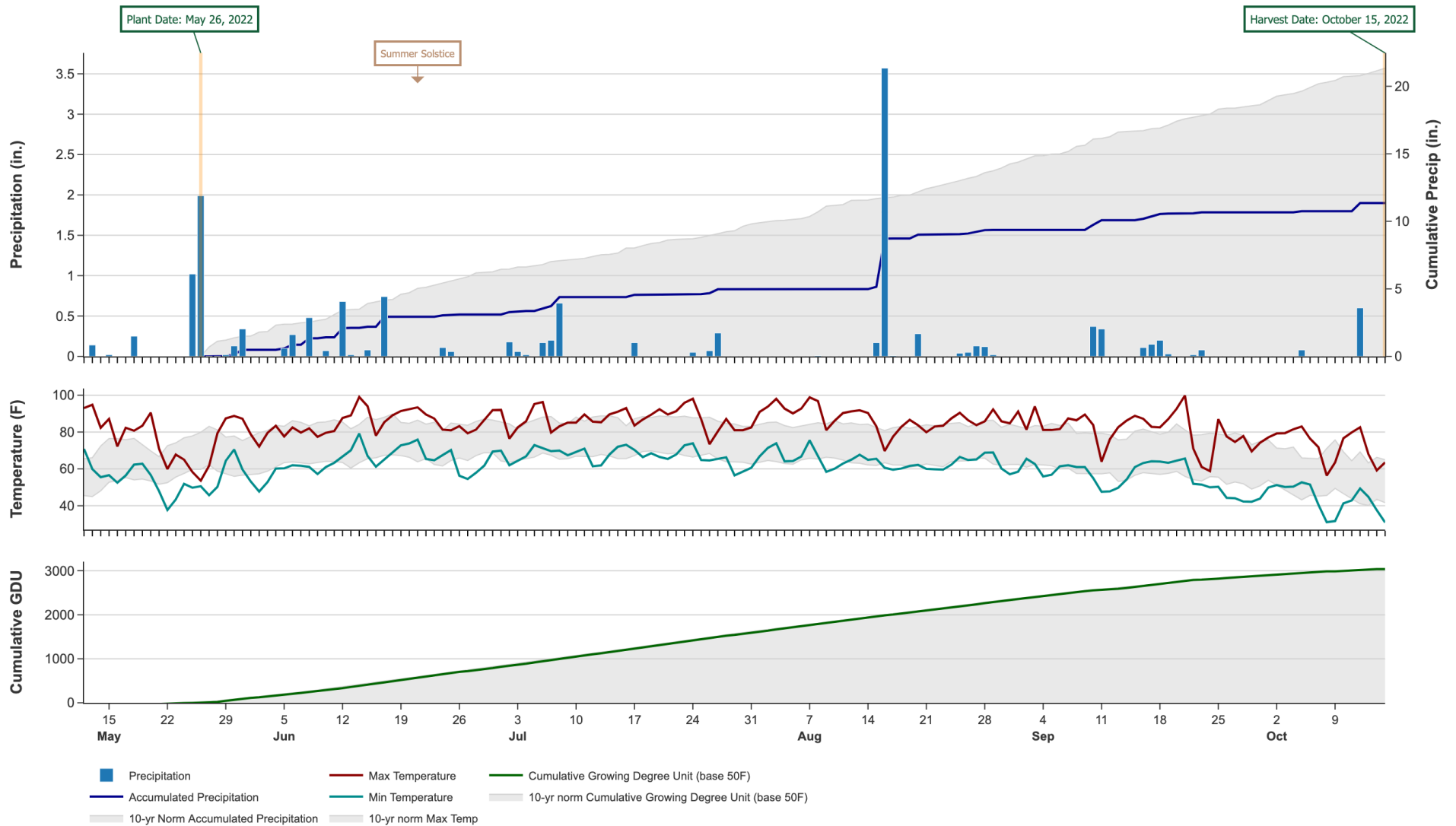
Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

# 2022 Soybeans - Nebraska Southeast [ NESE ]

## Weather Conditions Summary at UNION, NE

Weather Data Retrieved: 10/16/2022

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   Normal (Diff)	3.9   3.8 (+0.1)	2.6   4.8 (-2.2)	1.9   3.5 (-1.7)	4.4   4.4 (-0.0)	1.3   4.4 (-3.1)	0.7   2.7 (-2.0)	14.8   23.7 (-8.9)
GDU   Normal (Diff)	320   298 (+21)	693   723 (-30)	793   801 (-8)	752   734 (+17)	548   549 (-1)	156   143 (+12)	3262   3250 (+11)



\* 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.

## 2022 Soybeans - Nebraksa Southeast [ NESE ]

### 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
Asgrow	AG40XF1 §	RXF,ST	R	4.0	ACi
Dyna-Gro	S35XF72	RXF	R	3.5	EQV,Sa,Va
Dyna-Gro	S37XF33	RXF	MR	3.7	EQV,Sa,Va
Dyna-Gro	S39XF41	RXF,ST	MR	3.9	EQV,Sa,Va
Genesis	G3460ES	E3,ST	R	3.4	EcTC,SA
Genesis	G3760ES	E3,ST	R	3.7	EcTC,SA
Genesis	G3970ES	E3,ST	R	3.9	EcTC,SA
Golden Harvest	GH3132E3 §	E3	R	3.1	CMBV,SA
Golden Harvest	GH3192XF	RXF	MR	3.1	CMBV,SA
Golden Harvest	GH3582E3	E3	R	3.5	CMBV,SA
Golden Harvest	GH3922E3	E3	MR	3.9	CMBV,SA
Hoegemeyer	3413 E	E3	R	3.4	Lum,Lu,IL
Hoegemeyer	3953 E	E3	R	3.9	Lum,Lu,IL
Midland Genetics	3392E3	E3	R	3.3	Edge-SST
Midland Genetics	3522XF	RXF	MR	3.5	Edge-SST
Midland Genetics	3742 E3S	E3,ST	R	3.7	Edge-SST
Midland Genetics	38X63	RXF,ST	MR	3.7	Edge-SST
Midland Genetics	3999E3	E3	R	3.9	Edge-SST
Midland Genetics	39E83	E3,ST	MR	3.9	Edge-SST
NK Brand	NK33-W2E3S §	E3,ST	R	3.3	CMBV,SA
NK Brand	NK34-G1XF §	RXF	MR	3.4	CMBV,SA
NK Brand	NK36-H9E3S	E3,ST	R	3.6	CMBV,SA
NK Brand	NK37-V4E3S	E3,ST	MR	3.7	CMBV,SA
Pioneer	P38A54E §	E3	NA	3.8	Lum,Lu,IL
Pioneer	P39T61SE §	E3,ST	NA	3.9	Lum,Lu,IL
Pioneer	P40A23E §	E3	NA	4.0	Lum,Lu,IL
Stine	31EF23 §	E3	R	3.1	SFI
Stine	32EE21 §	E3	R	3.2	SFI
Stine	38EF32 §	E3	R	3.8	SFI
Xitavo	XO 3341E	E3	R	3.3	PV,IL,OB,Rey
Xitavo	XO 3402E	E3	R	3.4	PV,IL,OB,Rey
Xitavo	XO 3483E	E3,ST	MR	3.4	PV,IL,OB,Rey
Xitavo	XO 3752E	E3	R	3.7	PV,IL,OB,Rey
Xitavo	XO 3803E	E3,ST	MR	3.8	PV,IL,OB,Rey
Xitavo	XO 3922E	E3	R	3.9	PV,IL,OB,Rey

## 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
RXF	Roundup Ready 2 XtendFlex®
ST	Sulfonylurea tolerant

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### Soybeans Seed Treatments\*

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NA	Not Available
ACi	Acceleron® Standard Insecticide-Fungicide
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
CMBV,SA	Cruisermass® Beans, Vibrance®, Salto®
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Salto®
Edge-SST	Cruiser®, Apron XL®, Maxim®, Dynasty®, Mertect®, Optimize®, Salto® (Midland Genetics)
EQV,Sa,Va	Equity VIP, Salto®, Vayantis
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
SFI	Stine XP F&I

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