

Test by: Agri Seed Research, LLC Louisburg, KS

2022 Soybeans Top 30 Harvest Report

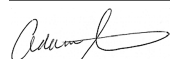
Nebraska Southeast [NESE] TECUMSEH, NE
Nick Smith, Johnson County, NE 68455

All-Season Test	Maturity Group 3.1 - 4.0 S2022NESE11
Top 30 of 37	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Mesotrione, Atrazine
SOIL DESCRIPTION:	Wymore silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	medium P, low K, 7.3 pH, 3.9% OM, 18.9 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Glyphosate, 2,4-D, Authority Mtz
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 27 145.0 /A 30" spacing
HARVESTED - STAND:	Oct 17 138.1 /A

TEST COMMENTS:

This site was planted into a clean seedbed and looked good at V2. June brought a couple of showers. July and August were hot and dry, rain showers were hit and miss in the area. Plants were on the shorter side but standing well. A lot of pods had a blank spot where a soybean was supposed to be. Weed control was great.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Golden Harvest	GH3132E3 § ↗	E3	3.1	R	43.9	10.5	0	139.0	610	1
Asgrow	AG32XF2 § ↗	RXF	3.2	R	42.8	10.2	0	137.3	595	2
Stine	31EF23 § ↗	E3	3.1	R	42.1	10.0	0	139.0	585	3
Midland Genetics	3742 E3S ↗	E3,ST	3.7	R	41.9	10.1	0	140.7	582	4
NK Brand	NK36-H9E3S ↗	E3,ST	3.6	R	41.9	10.1	0	135.7	582	5
Midland Genetics	3522XF ↗	RXF	3.5	MR	41.7	10.5	0	139.0	580	6
Genesis	G3970ES ↗	E3,ST	3.9	R	41.4	10.3	0	135.7	575	7
Pioneer	P39T61SE § ↗	E3,ST	3.9	NA	41.4	10.3	0	137.3	575	8
Midland Genetics	39E83 ↗	E3,ST	3.9	MR	41.1	10.2	0	139.0	571	9
Xitavo	XO 3341E ↗	E3	3.3	R	40.7	9.7	0	139.0	566	10
Midland Genetics	3392E3 ↗	E3	3.3	R	40.7	10.5	0	140.7	566	11
Stine	38EF32 § ↗	E3	3.8	R	40.6	10.2	0	134.0	564	12
Genesis	G3760ES ↗	E3,ST	3.7	R	40.5	10.3	0	132.3	563	13
Hoegemeyer	3413 E ↗	E3	3.4	R	40.5	10.0	0	139.0	563	14
Xitavo	XO 3803E ↗	E3,ST	3.8	MR	40.3	9.6	0	137.3	560	15
NK Brand	NK33-W2E3S § ↗	E3,ST	3.3	R	40.2	10.3	0	142.3	559	16
Xitavo	XO 3483E ↗	E3,ST	3.4	MR	39.9	9.9	0	139.0	555	17
NK Brand	NK37-V4E3S ↗	E3,ST	3.7	MR	39.4	10.1	0	135.7	548	18
Dyna-Gro	S39XF41 ↗	RXF,ST	3.9	MR	39.4	10.2	0	142.3	548	19
Dyna-Gro	S37XF33 ↗	RXF	3.7	MR	39.3	10.2	0	140.7	546	20
Asgrow	AG40XF1 § ↗	RXF,ST	4.0	R	39.3	10.3	0	137.3	546	21
Pioneer	P38A54E § ↗	E3	3.8	NA	39.2	9.8	0	139.0	545	22
Stine	32EE21 § ↗	E3	3.2	R	39.1	10.1	0	140.7	543	23
Dyna-Gro	S35XF72 ↗	RXF	3.5	R	38.7	9.7	0	137.3	538	24
Midland Genetics	3999E3 ↗	E3	3.9	R	38.4	10.1	0	139.0	534	25
Asgrow	AG35XF1 § ↗	RXF	3.5	R	37.7	9.8	0	139.0	524	26
Golden Harvest	GH3582E3 ↗	E3	3.5	R	37.6	9.7	0	139.0	523	27
Pioneer	P40A23E § ↗	E3	4.0	NA	37.0	10.1	0	132.3	514	28
Xitavo	XO 3922E ↗	E3	3.9	R	36.4	10.1	0	139.0	506	29
Hoegemeyer	3953 E ↗	E3	3.9	R	35.7	10.1	0	137.3	496	30



Adam Stuteville

adam.stuteville@firstseedtests.com, (913) 206-6080

Averages = **38.8** **10.1** **138.1** **540**

LSD (0.10) = 2.7 0.2 ns

LSD (0.25) = 1.4 0.1 ns

C.V. = 6.7 Historic yield: 52.47 bu/a, 3 yr(s)

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

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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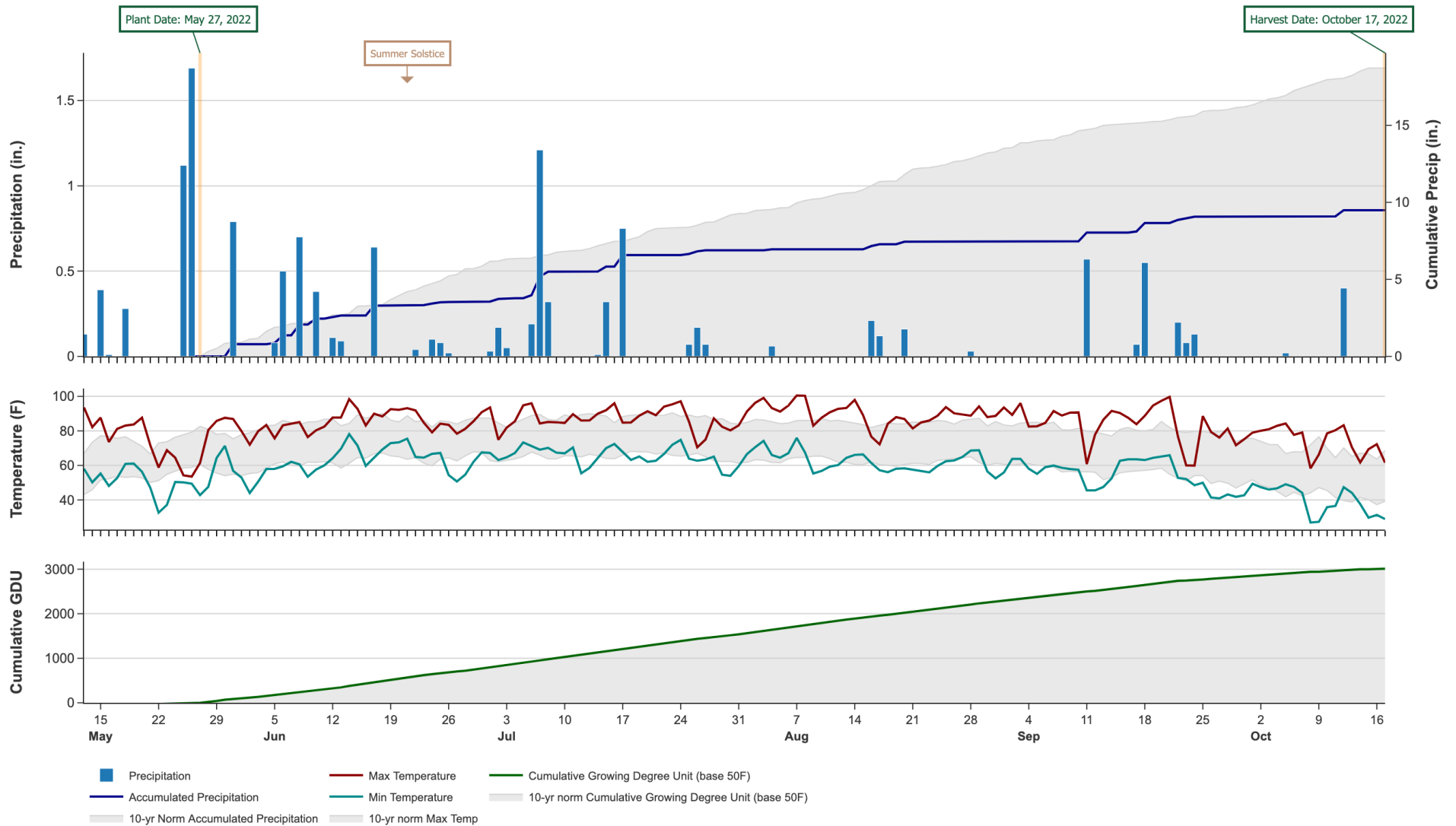
Additional reports available at www.firstseedtests.com

2022 Soybeans - Nebraska Southeast [NESE]

Weather Conditions Summary at TECUMSEH, NE

Weather Data Retrieved: 10/18/2022

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	4.4 3.9 (+0.5)	2.7 5.0 (-2.2)	3.4 3.4 (-0.1)	0.6 4.0 (-3.4)	1.6 2.9 (-1.3)	0.4 2.5 (-2.1)	13.1 21.7 (-8.6)
GDU Normal (Diff)	281 281 (0)	681 701 (-20)	767 785 (-18)	736 733 (+2)	562 545 (+16)	175 166 (+8)	3202 3214 (-12)



* 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

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	Cruisermass® Beans, Vibrance®, Saltro®
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro®
Edge-SST	Cruiser®, Apron XL®, Maxim®, Dynasty®, Mertect®, Optimize®, Saltro® (Midland Genetics)
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

* Seed treatments may include unspecified plant health promoting components.