

Test by: Agri Seed Research, LLC Louisburg, KS

2022 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 S2022NESE10
Top 30 of 37	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Atrazine, Corvus
SOIL DESCRIPTION:	Wymore silty clay loam, moderately drained, non- irrigated
SOIL CONDITION:	low P, low K, 7.7 pH, 2.9% OM, 20.4 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Glyphosate, Acetochlor, Cobra
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 27 145.0 /A 30" spacing
HARVESTED - STAND:	Oct 17 138.7 /A

TEST COMMENTS:

This site was planted into a clean seedbed and emerged quickly, and the plot looked good at V2. June brought a few showers. July and August were hot and dry side. Plants were shorter than normal but standing well at harvest. Most varieties had pods that were missing soybeans due to the dry weather, more 2-3 bean pods when they should have been 3-4 bean pods. Weed control was good.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Midland Genetics	3392E3 ↗	E3	3.3	R	44.8	9.2	0	142.3	623	1
Xitavo	XO 3402E ↗	E3	3.4	R	44.5	9.2	0	139.0	619	2
NK Brand	NK36-H9E3S ↗	E3,ST	3.6	R	43.1	9.5	0	140.7	599	3
Pioneer	P38A54E § ↗	E3	3.8	NA	43.0	9.3	0	140.7	598	4
Pioneer	P40A23E § ↗	E3	4.0	NA	42.7	9.2	0	139.0	594	5
Xitavo	XO 3803E ↗	E3,ST	3.8	MR	42.1	9.9	0	144.0	585	6
Midland Genetics	3999E3 ↗	E3	3.9	R	42.0	9.5	0	142.3	584	7
Golden Harvest	GH3922E3 ↗	E3	3.9	MR	41.2	9.3	0	142.3	573	8
Pioneer	P39T61SE § ↗	E3,ST	3.9	NA	40.8	9.5	0	137.3	567	9
Asgrow	AG35XF1 § ↗	RXF	3.5	R	40.7	9.5	0	137.3	566	10
Midland Genetics	38X63 ↗	RXF,ST	3.7	MR	40.5	9.2	0	140.7	563	11
Dyna-Gro	S37XF33 ↗	RXF	3.7	MR	40.4	9.3	0	134.0	562	12
Golden Harvest	GH3582E3 ↗	E3	3.5	R	40.3	9.4	0	135.7	560	13
Genesis	G3970ES ↗	E3,ST	3.9	R	40.3	9.3	0	137.3	560	14
Golden Harvest	GH3192XF ↗	RXF	3.1	MR	40.3	9.6	0	135.7	560	15
NK Brand	NK37-V4E3S ↗	E3,ST	3.7	MR	40.2	9.2	0	139.0	559	16
NK Brand	NK33-W2E3S § ↗	E3,ST	3.3	R	40.0	9.5	0	139.0	556	17
Midland Genetics	3742 E3S ↗	E3,ST	3.7	R	39.6	9.5	0	140.7	550	18
Stine	32EE21 § ↗	E3	3.2	R	39.4	9.3	0	139.0	548	19
Hoegemeyer	3413 E ↗	E3	3.4	R	39.4	9.4	0	140.7	548	20
Stine	38EF32 § ↗	E3	3.8	R	39.3	9.2	0	139.0	546	21
Asgrow	AG40XF1 § ↗	RXF,ST	4.0	R	39.2	9.8	0	139.0	545	22
Xitavo	XO 3752E ↗	E3	3.7	R	39.1	9.5	0	142.3	543	23
Dyna-Gro	S39XF41 ↗	RXF,ST	3.9	MR	39.1	9.6	0	135.7	543	24
Hoegemeyer	3953 E ↗	E3	3.9	R	39.0	9.2	0	139.0	542	25
Xitavo	XO 3341E ↗	E3	3.3	R	38.9	9.4	0	142.3	541	26
Xitavo	XO 3483E ↗	E3,ST	3.4	MR	38.6	9.6	0	135.7	537	27
Midland Genetics	39E83 ↗	E3,ST	3.9	MR	38.2	9.2	0	137.3	531	28
Midland Genetics	3522XF ↗	RXF	3.5	MR	38.2	10.2	0	140.7	531	29
Dyna-Gro	S35XF72 ↗	RXF	3.5	R	37.9	9.3	0	137.3	527	30



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Averages = **39.4** **9.4** **138.7** **548**

LSD (0.10) = 2.4 0.1 ns

LSD (0.25) = 1.3 0.0 ns

C.V. = 5.8

Historic yield: 50.96 bu/a, 10 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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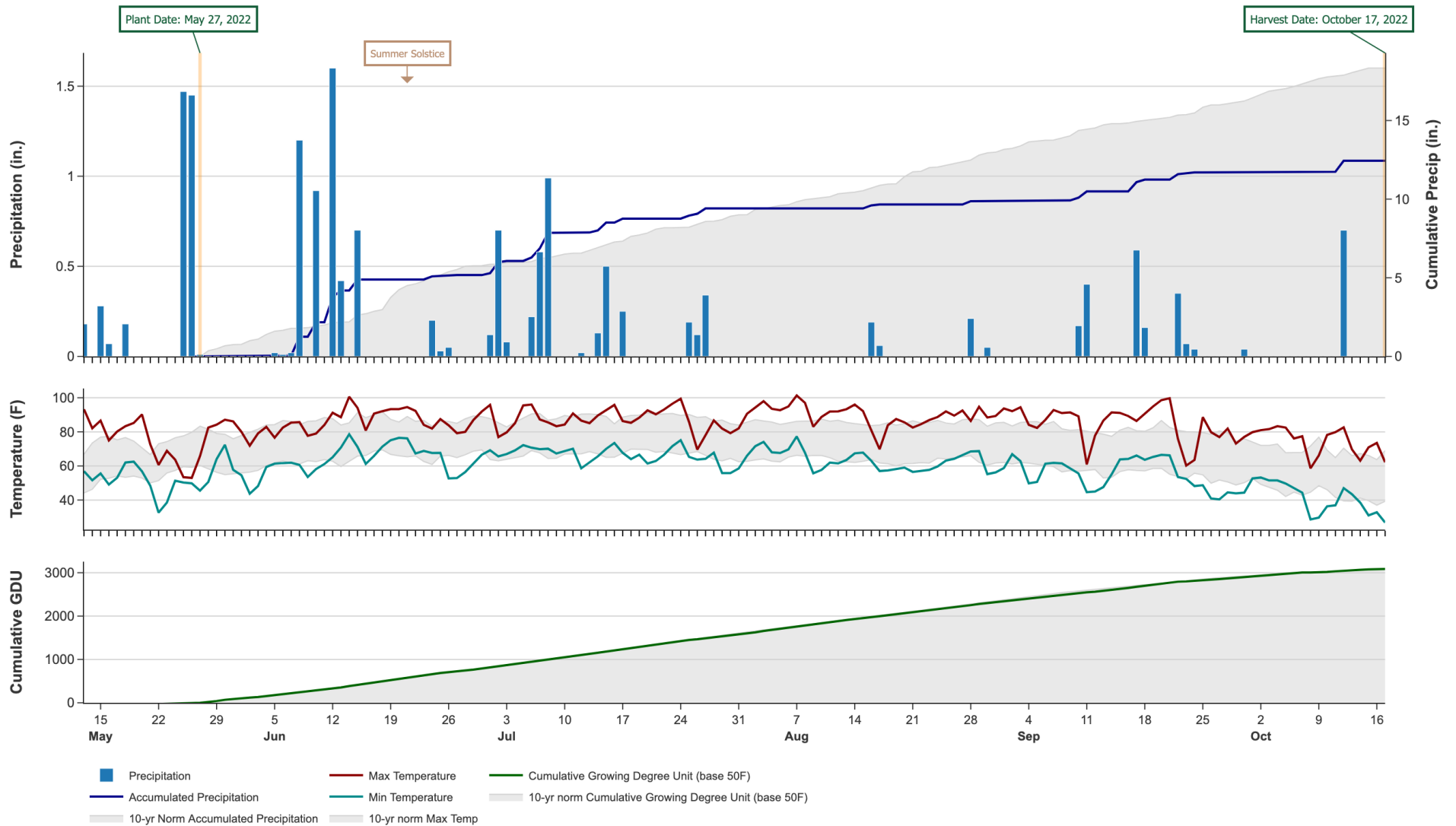
Additional reports available at www.firstseedtests.com

2022 Soybeans - Nebraska Southeast [NESE]

Weather Conditions Summary at BEATRICE, NE

Weather Data Retrieved: 10/18/2022

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	3.6 3.2 (+0.4)	5.2 5.0 (+0.1)	4.2 3.2 (+1.0)	0.5 4.0 (-3.5)	1.8 3.2 (-1.4)	0.7 2.1 (-1.4)	16.1 20.8 (-4.7)
GDU Normal (Diff)	287 287 (0)	699 729 (-30)	780 807 (-27)	750 753 (-3)	573 565 (+7)	194 166 (+27)	3283 3310 (-27)



* 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	Cruisermaxx® 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.