

Test by: Agri Seed Research, LLC Louisburg, KS

2021 Soybeans Top 30 Harvest Report

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

All-Season Test	3.1 - 4.0 Day CRM S2021NESE11
Top 30 of 50	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:	very high P, medium K, 7.1 pH, 5.7% OM, 22.6 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Sencor, Glyphosate, 2,4-D, Authority
FERTILITY - Applied N:	P & K were VRT
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	Jun 2 145.0 /A 30" spacing
HARVESTED - STAND:	Oct 15 136.0 /A

TEST COMMENTS:

This site was planted into a clean seedbed and looked really good at V3. Early in the growing season, this site caught some timely rains. Later in the season, this site would catch rain but never as much as surrounding areas. Plants were standing well at harvest. Many varieties had green stems and some had green leaves at harvest which made threshing tough. Excellent weed control.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Xitavo	XO 3131E ↗	E3	3.1	R	60.3	12.4	0	136.5	724	1
Hoegemeyer	3141 E ↗	E3	3.1	R	58.7	12.2	0	136.5	704	2
Xitavo	XO 3341E ↗	E3	3.3	R	57.5	12.0	0	132.3	690	3
Zinesto	Z3602E ↗	E3	3.6	NA	57.3	12.6	0	132.3	688	4
NK Brand	NK37-Z9XF ↗	RXF	3.7	R	56.9	12.3	0	135.7	683	5
Stine	39EC22 § ↗	E3	3.9	R	56.8	12.7	0	134.0	682	6
Midland Genetics	3921XFS ↗	RXF	3.9	R	56.4	12.7	0	135.7	677	7
Hefty	H31XF2 ↗	RXF	3.1	NA	56.2	12.3	0	134.0	674	8
Asgrow	AG37XF1 § ↗	RXF	3.7	R	56.1	12.5	0	137.3	673	9
Midland Genetics	3999E3 ↗	E3	3.9	R	56.1	12.8	0	135.7	673	10
Stine	35EE32 § ↗	E3	3.5	R	56.0	12.6	0	135.7	672	11
Xitavo	XO 3651E ↗	E3	3.6	R	55.9	12.3	0	134.0	671	12
Stine	40EC20 § ↗	E3	4.0	R	55.8	12.7	0	135.7	670	13
Zinesto	Z3202E ↗	E3	3.2	NA	55.8	11.9	0	135.7	670	14
Dyna-Gro	S39XF41 ↗	RXF,ST	3.9	MR	55.6	12.5	0	139.0	667	15
Midland Genetics	3392E3 ↗	E3	3.3	R	55.3	12.2	0	135.7	664	16
Pioneer	P38T05E § ↗	E3	3.8	R	55.0	12.3	0	137.3	660	17
Xitavo	XO 3752E ↗	E3,ST	3.7	R	55.0	12.4	0	137.3	660	18
Donmario	DM36F62S ↗	RXF	3.6	NA	55.0	12.7	0	137.3	660	19
Dyna-Gro	S35XF72 ↗	RXF	3.5	R	54.7	12.4	0	135.7	656	20
Midland Genetics	3591E3 ↗	E3	3.5	MR	54.5	12.3	0	137.3	654	21
Hefty	H36XF2 ↗	RXF	3.6	NA	54.4	13.0	0	135.7	653	22
Pioneer	P39T61SE § ↗	E3,ST	3.9	MR	54.4	12.2	0	134.0	653	23
Midland Genetics	4082E3 ↗	E3	4.0	R	54.4	12.5	0	134.0	653	24
Golden Harvest	GH3442XF ↗	RXF	3.4	MR	54.3	11.8	0	134.0	652	25
Hefty	H33XF2 ↗	RXF	3.3	NA	54.3	12.3	0	137.3	652	26
Asgrow	AG40XF1 § ↗	RXF	4.0	R	54.3	13.0	0	135.7	652	27
NuPride Genetics	NGN9373E3 GC ↗	E3	3.7	NA	54.2	12.2	0	137.3	650	28
Xitavo	XO 3402E ↗	E3	3.4	R	54.2	12.3	0	137.3	650	29
Hoegemeyer	3421 SE ↗	E3,ST	3.4	R	54.2	12.4	0	135.7	650	30



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Averages = **54.6** **12.4** **136.0** **655**

LSD (0.10) = 2.4 ns ns

LSD (0.25) = 1.3 ns ns

C.V. = 4.2

Historic yield: 60.2 bu/a, 5 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.02 Prices: GMO = \$12.00

Report Date: 10/16/2021

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

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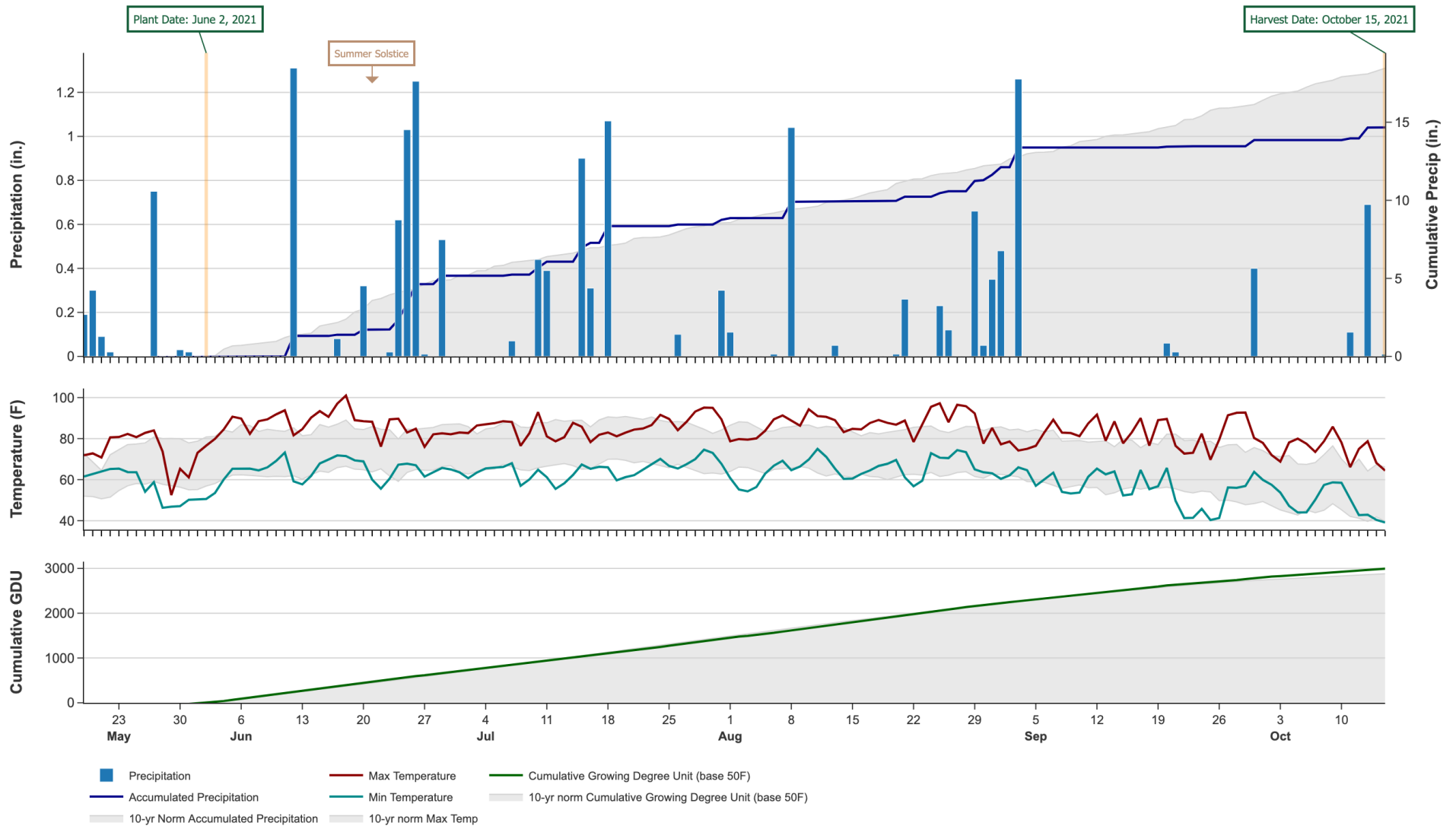
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2021 Soybeans - Nebraska Southeast [NESE]

Weather Conditions Summary at DOUGLAS, NE

Weather Data Retrieved: 10/16/2021

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	1.4 3.0 (-1.6)	5.2 5.2 (-0.1)	3.6 3.7 (-0.1)	2.9 3.7 (-0.8)	2.2 3.9 (-1.7)	0.8 2.3 (-1.5)	16.1 21.8 (-5.7)
GDU Normal (Diff)	208 201 (+6)	710 700 (+9)	755 800 (-45)	768 741 (+26)	575 525 (+49)	210 147 (+62)	3226 3117 (+108)



* 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.

2021 Soybeans - Nebraska Southeast [NESE]

All-Season Test Products (50 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG35XF1 §	RXF	R	3.5	ACi
Asgrow	AG37XF1 §	RXF	R	3.7	ACi,IL
Asgrow	AG40XF1 §	RXF	R	4.0	ACi,IL
Donmario	DM36F62S	RXF	NA	3.6	CMBV
Donmario	DM38F42S	RXF	NA	3.8	CMBV
Dyna-Gro	S35XF72	RXF	R	3.5	EQV,SA
Dyna-Gro	S37XF42	RXF	MR	3.7	EQV,SA
Dyna-Gro	S39XF41	RXF,ST	MR	3.9	EQV,SA
Golden Harvest	GH3442XF	RXF	MR	3.4	CMBV,SA
Golden Harvest	GH3512E3S	E3,ST	MR	3.5	CMBV,SA
Golden Harvest	GH3732XF §	RXF	R	3.7	CMBV,SA
Golden Harvest	GH3762E3S §	E3,ST	MR	3.7	CMBV,SA
Hefty	H31X9	RRX	R	3.1	DST4,SA
Hefty	H31XF2	RXF	NA	3.1	DST4,SA
Hefty	H32XF2	RXF	NA	3.2	DST4,SA
Hefty	H33XF2	RXF	NA	3.3	DST4,SA
Hefty	H35XF1	RXF	NA	3.5	DST4,SA
Hefty	H36XF2	RXF	NA	3.6	DST4,SA
Hoegemeyer	3141 E	E3	R	3.1	Lum,Lu,IL
Hoegemeyer	3421 SE	E3,ST	R	3.4	Lum,Lu,IL
Hoegemeyer	3591 E	E3	R	3.5	Lum,Lu,IL
Midland Genetics	3392E3	E3	R	3.3	Edge-SST
Midland Genetics	3522XF	RXF	MR	3.5	Edge-SST
Midland Genetics	3591E3	E3	MR	3.5	Edge-SST
Midland Genetics	3921XFS	RXF	R	3.9	Edge-SST
Midland Genetics	3999E3	E3	R	3.9	Edge-SST
Midland Genetics	4082E3	E3	R	4.0	Edge-SST
NK Brand	NK35-J6E3S §	E3,ST	MR	3.5	CMBV,SA
NK Brand	NK37-V4E3S	E3,ST	MR	3.7	CMBV,SA
NK Brand	NK37-Z9XF	RXF	R	3.7	CMBV,SA
NK Brand	NK39-T5E3S	E3,ST	R	3.9	CMBV,SA
NuPride Genetics	NGN8261GT GC	RR	NA	2.7	Untreated
NuPride Genetics	NGN9312E3 GC	E3	R	3.1	Untreated
NuPride Genetics	NGN9373E3 GC	E3	NA	3.7	Untreated
Pioneer	P37T33E §	E3	MR	3.7	Lum,IL
Pioneer	P38T05E §	E3	R	3.8	Lum,IL
Pioneer	P39T61SE §	E3,ST	MR	3.9	Lum,IL
Stine	35EE32 §	E3	R	3.5	SFI
Stine	39EC22 §	E3	R	3.9	SFI
Stine	40EC20 §	E3	R	4.0	SFI
Xitavo	XO 3131E	E3	R	3.1	PV,IL,OB
Xitavo	XO 3341E	E3	R	3.3	PV,IL,OB

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Xitavo	XO 3402E	E3	R	3.4	PV,IL,OB
Xitavo	XO 3651E	E3	R	3.6	PV,IL,OB
Xitavo	XO 3752E	E3,ST	R	3.7	PV,IL,OB
Xitavo	XO 3922E	E3	R	3.9	PV,IL,OB
Zinesto	Z3101E	E3	R	3.1	DST4,SA
Zinesto	Z3202E	E3	NA	3.2	DST4,SA
Zinesto	Z3402E	E3	NA	3.4	DST5
Zinesto	Z3602E	E3	NA	3.6	DST4,SA

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

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
RR	Roundup Ready®
RRX	Roundup Ready 2 Xtend®
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	CruiserMaxx® Beans, Vibrance®
CMBV,SA	Cruisermaxx® Beans, Vibrance®, Saltro®
DST4,SA	Dominance 4 ST,Saltro®
DST5	Dominance 5 ST
Edge-	Cruiser®, Apron XL®, Maxim®, Dynasty®, Mertect®,
SST	Optimize®, Saltro® (Midland Genetics)
EQV,SA	Equity VIP, Saltro®
Lum,IL	LumiGEN™ plus ILeVO
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PV,IL,OB	Poncho®/Votivo®, ILeVO, Obvius Plus
SFI	Stine XP F&I
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.