

Test by: F.I.R.S.T. MSR, Inc. Columbia, MO

2023 Soybeans Top 30 Harvest Report

Missouri North [MONO] GREENTOP, MO
Terry Sevits, Schuyler County, MO 63546

All-Season Test	Maturity Group 3.2 - 4.3 S2023MONO04
Top 30 of 63	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn, Rye Cover Crop / Brawl 2, Roundup
SOIL DESCRIPTION:	Edina-Seymour silty clay loam, moderately drained, non-irrigated
SOIL CONDITION:	low P, medium K, 5.9 pH, 3.4% OM, 12.8 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Liberty
Applied N-P-K (units):	0-0-0
SEDED - RATE - ROW:	Apr 28 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 3 126.0 /A

TEST COMMENTS:

This April planted soybean trial had a great seedbed with good moisture. The resulting stand was even and uniform. There was below-normal rain from April – to June, with July near average and August slightly above. There was quite a bit of green stem and some green foliage mixed in. However, the pods were all mature and dry. Hot and dry weather prior to harvest aided in a quick dry down. Overall, a good North Missouri no-till following cover crop trial.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Asgrow	AG33XF3 § ↗	RXF	3.3	R	77.9	10.2	1	128.0	1013	1
FS HiSOY	HS 35E10 ↗	E3	3.5	R	76.9	10.3	1	114.3	1000	2
NuTech	42N05E ↗	E3	4.2	R	76.4	10.3	2	135.7	993	3
Stine	37EG23 § ↗	E3	3.7	R	75.2	10.0	1	128.0	978	4
FS HiSOY	HS 42F10 ↗	RXF	4.2	R	74.2	10.4	2	121.7	965	5
FS HiSOY	HS 34F30 ↗	RXF	3.4	R	74.0	10.3	1	126.0	962	6
FS HiSOY	HS 41F30 ↗	RXF,ST	4.1	R	73.8	10.3	2	120.0	959	7
DONMARIO	DM36F84S ↗	RXF,ST	3.6	R	73.3	10.3	1	124.0	953	8
Xitavo	XO 3752E ↗	E3,ST	3.7	R	73.0	10.1	1	129.7	949	9
Lewis	4035XF ↗	RXF	4.0	R	72.7	11.5	2	133.7	945	10
NK Brand	NK39-J2E3 ↗	E3	3.9	MR	72.7	10.3	2	122.3	945	11
Dyna-Gro	S35XF44 ↗	RXF	3.5	R	72.6	10.6	1	137.3	944	12
Burrus	3966E ↗	E3	3.9	R	72.5	10.4	1	135.7	942	13
Asgrow	AG3623XF GC ↗	RXF	3.6	R	72.2	10.4	1	123.7	939	14
Lewis	3834XF ↗	RXF	3.8	R	71.8	10.5	1	124.0	933	15
Asgrow	AG39XF3 § ↗	RXF	3.9	R	71.7	10.2	1	124.0	932	16
Lewis	3513XF ↗	RXF	3.5	R	71.4	10.0	1	122.3	928	17
NuTech	33N04E ↗	E3	3.3	R	71.1	10.1	1	131.7	924	18
Xitavo	XO 3803E ↗	E3,ST	3.8	MR	70.8	10.4	3	129.3	920	19
NuTech	37N03E ↗	E3	3.7	R	70.6	10.1	1	128.0	918	20
Xitavo	XO 3483E ↗	E3	3.4	MR	70.3	10.1	1	129.3	914	21
Golden Harvest	GH3994E3 § ↗	E3	3.9	MR	69.6	10.9	1	124.0	905	22
Golden Harvest	GH4093E3 ↗	E3	4.0	R	69.5	10.5	1	118.0	904	23
NuTech	36N04E ↗	E3	3.6	R	69.5	10.3	2	137.3	904	24
AgVenture	AV 38A1E ↗	E3	3.8	MR	69.4	10.2	2	118.3	902	25
AgVenture	AV 39Y3E ↗	E3	3.9	MR	69.2	10.3	2	128.0	900	26
AgVenture	AV 41Y5E ↗	E3	4.1	MR	69.1	10.1	3	124.0	898	27
Dyna-Gro	S38XF22S ↗	RXF,ST	3.8	MR	69.0	10.3	2	116.0	897	28
FS HiSOY	HS 38E20 ↗	E3,ST	3.8	R	69.0	10.3	4	120.0	897	29
Pioneer	P37A18E § ↗	E3	3.7	MR	68.8	10.1	1	126.0	894	30

William Schelp

William Schelp

william.schelp@firstseedtests.com, (573) 819-7968

Averages = **69.1** **10.4** **2** **126.0** **899**

LSD (0.10) = 3.4 0.4 2

LSD (0.25) = 1.8 0.2 1

C.V. = 4.7

Historic yield: 46.01 bu/a, 11 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.035 Prices: GMO = \$13.00

Report Date: 10/12/2023

† 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

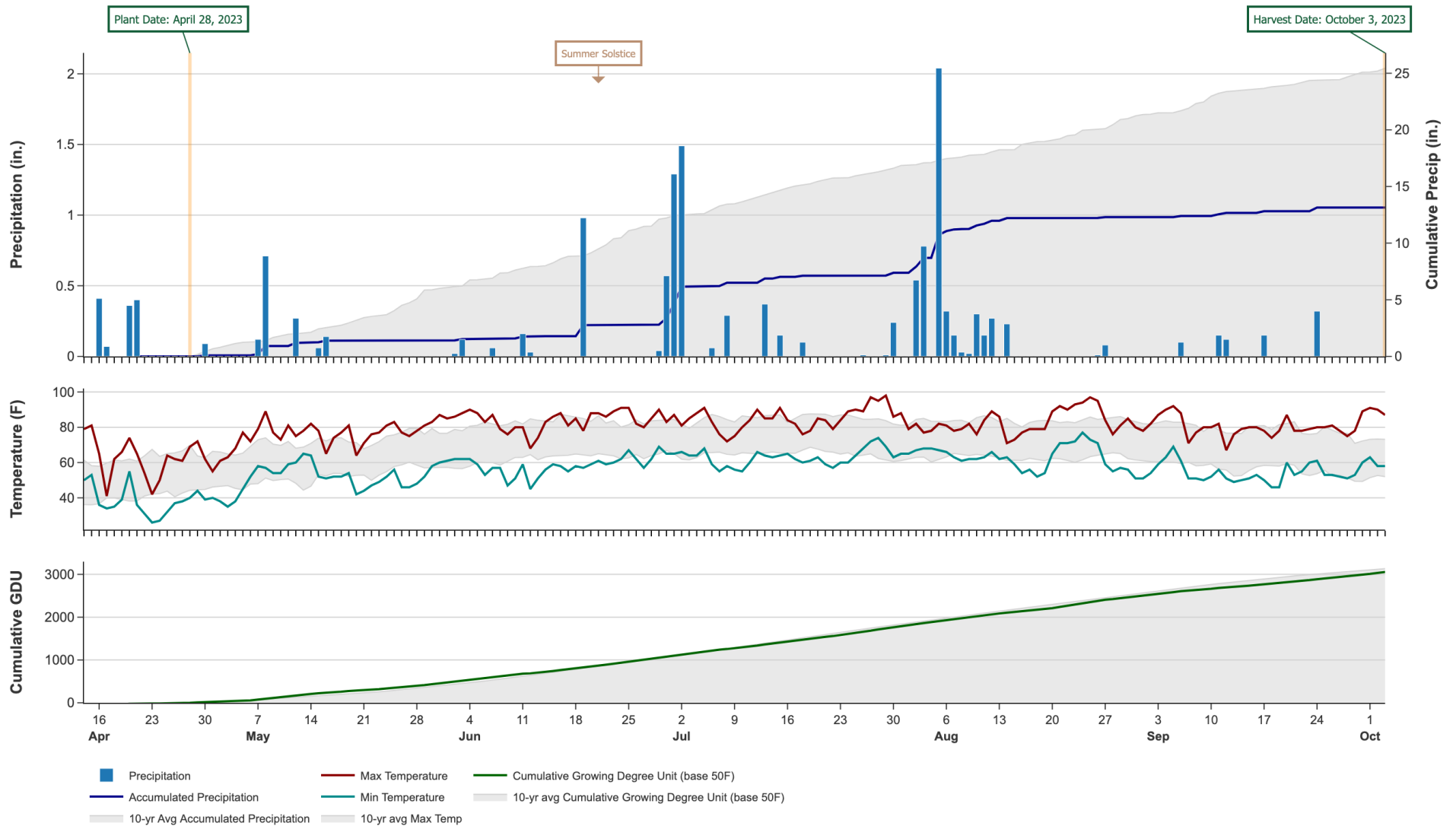
©2023, All rights reserved to Farmers' Independent Research of Seed Technologies, LLC.

Additional reports available at www.firstseedtests.com

2023 Soybeans - Missouri North [MONO]

Weather Conditions Summary at GREENTOP, MO

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	1.3 2.0 (-0.6)	1.3 5.6 (-4.3)	2.0 6.2 (-4.2)	4.0 4.6 (-0.6)	4.9 4.4 (+0.5)	0.8 3.9 (-3.0)	0.0 0.3 (-0.3)	14.4 27.0 (-12.6)
GDU Avg (Diff)	102 80 (+21)	439 383 (+55)	623 674 (-51)	712 764 (-52)	686 722 (-36)	509 535 (-26)	68 37 (+30)	3139 3198 (-59)



* 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.

2023 Soybeans - Missouri North [MONO]

All-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
AgVenture	AV 34Y9E	E3	R	3.4	Lum,Lu,IL
AgVenture	AV 38A1E	E3	MR	3.8	Lum,Lu,Lud,IL
AgVenture	AV 39Y3E	E3	MR	3.9	F,I,SA
AgVenture	AV 41Y5E	E3	MR	4.1	F,I,SA
AgVenture	AV 42A1E	E3	MR	4.2	Lum,Lu,Lud,IL
Apex	AE3920	E3	R	3.9	N-COMP+
Apex	AE4120	E3	R	4.1	N-COMP+
Asgrow	AG33XF3 §	RXF	R	3.3	ACi,IL
Asgrow	AG35XF3 GC	RXF	R	3.5	ACi,IL
Asgrow	AG3623XF GC	RXF	R	3.6	ACi,IL
Asgrow	AG39XF3 §	RXF	R	3.9	ACi,IL
Asgrow	AG40XF1 §	RXF,ST	R	4.0	ACi,IL
Burrus	3886F	RXF	R	3.8	BPS-SDS
Burrus	3966E	E3	R	3.9	BPS-SDS
DONMARIO	DM34E11	E3	R	3.4	BPS-SDS
DONMARIO	DM36F84S	RXF,ST	R	3.6	CMB-APX,SA
DONMARIO	DM40E44	E3	R	4.0	CMB-APX,SA
Dyna-Gro	S35XF44	RXF	R	3.5	EQ,VA,Sa
Dyna-Gro	S37ES52	E3,ST	R	3.7	EQV,Sa,Va
Dyna-Gro	S38XF22S	RXF,ST	MR	3.8	EQV,Sa,Va
Dyna-Gro	S40XF21S	RXF,ST	R	4.0	EQ,VA,Sa
Dyna-Gro	S41EN72	E3	R	4.1	EQV,Sa,Va
FS HiSOY	HS 34F30	RXF	R	3.4	ACi,SA
FS HiSOY	HS 35E10	E3	R	3.5	ACi,SA
FS HiSOY	HS 38E20	E3,ST	R	3.8	ACi,SA
FS HiSOY	HS 39F30	RXF	R	3.9	ACi,SA
FS HiSOY	HS 41E20	E3	R	4.1	ACi,SA
FS HiSOY	HS 41F30	RXF,ST	R	4.1	ACi,SA
FS HiSOY	HS 42F10	RXF	R	4.2	ACi,SA
FS HiSOY	HS 43E30	E3,ST	R	4.3	ACi,SA
Golden Harvest	GH3774E3 §	E3	R	3.7	CMB-APX,SA
Golden Harvest	GH3994E3 §	E3	MR	3.9	CMB-APX,SA
Golden Harvest	GH4093E3	E3	R	4.0	CMB-APX,SA
Golden Harvest	GH4214E3S	E3,ST	MR	4.2	CMB-APX,SA
Hoegemeyer	3894 E	E3	R	3.8	Lum,Lu,IL
Hoegemeyer	4234 E	E3	R	4.2	Lum,Lu,IL
Lewis	3513XF	RXF	R	3.5	ACi,IL
Lewis	3834XF	RXF	R	3.8	ACi,IL
Lewis	4035XF	RXF	R	4.0	ACi,IL
Lewis	4304XF	RXF	R	4.3	ACi,IL
NK Brand	NK37-C1E3 §	E3	R	3.7	CMB-APX,SA
NK Brand	NK39-J2E3	E3	MR	3.9	CMB-APX,SA

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
NuTech	33N04E	E3	R	3.3	Lum,Lu,IL
NuTech	34N02E	E3	R	3.4	Lum,Lu,IL
NuTech	36N04E	E3	R	3.6	Lum,Lu,IL
NuTech	37N03E	E3	R	3.7	Lum,Lu,IL
NuTech	39N07E	E3	R	3.9	Lum,Lu,IL
NuTech	42N05E	E3	R	4.2	Lum,Lu,IL
Pioneer	P37A18E §	E3	MR	3.7	NA
Pioneer	P38A54E §	E3	NA	3.8	NA
Pioneer	P42A84E §	E3	R	4.2	NA
ProHarvest	39E40S	E3,ST	R	3.9	PU
Stine	37EG23 §	E3	R	3.7	ACi
Stine	37FD02 §	RXF	R	3.7	ACi
Stine	40FD29 §	RXF	R	4.0	ACi
Xitavo	XO 3483E	E3	MR	3.4	PV,IL,OB,Rey
Xitavo	XO 3651E	E3	R	3.6	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 3922E	E3	R	3.9	PV,IL,OB,Rey
Xitavo	XO 4084E	E3,ST	R	4.0	PV,IL,OB,Rey
Xitavo	XO 4132E	E3	R	4.1	PV,IL,OB,Rey
Xitavo	XO 4364E	E3,ST	R	4.3	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
ACi,SA	Acceleron® Standard Insecticide-Fungicide, Saltro®
BPS-SDS	Burrus PowerShield® SDS
CMB-APX,SA	CruiserMaxx® APX with Saltro®
EQ,VA,Sa	Equity VAYO, Saltro®
EQV,Sa,Va	Equity VIP, Saltro®, Vayantis®
F,I,SA	Fungicide, Insecticide, Saltro®
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
Lum,Lu,Lud,IL	LumiGEN™, Luminesa, Lumiderm, ILeVO
N-COMP+	N-COMPASS F/I SDS-WM
PU	Protect Ultra
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®

* Seed treatments may include unspecified plant health promoting components.