

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

2025 Soybeans Top 30 Harvest Report

Missouri North [MONO] GREENTOP, MO

Terry Sevits, Carroll County, MO 63546

All-Season Test	Maturity Group 3.3 - 4.5 S2025MONO04
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Atrazine, Armezon Pro
SOIL DESCRIPTION:	Seymour silty clay loam, moderately drained, non- irrigated
SOIL CONDITION:	6.77 pH, 3.75% OM, 11.8 CEC, low P, low K, mod. S, mod. B, high Zn
TILLAGE/CULTIVATION:	Minimum W/O Fall Till
PEST MANAGEMENT:	Zidua, Liberty, Roundup
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 31 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 21 120.6 /A
PEST & DISEASE RISK:	SDS, Fusarium, Brown Stem Rot, Red Crown Rot, Charcoal Rot, Cercospora Blight of Soybean*

TEST COMMENTS:

This site had very nice planting conditions. Cover crops were established. Cover had good vegetative growth prior to being terminated ahead of planting. Plenty of precipitation fell on the front portion of the growing season. There was little to no green stem or leaves. It was a good harvest day to wrap up a great no-till trial in northern Missouri.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	38N05E ↗	E3	3.8	M	70.0	11.3	1	118.0	675	1
AgVenture	AV36B2E ↗	E3	3.6	M	68.6	11.6	2	110.7	661	2
Apex	AE3550S ↗	E3,ST	3.5	M	68.0	11.4	5	121.7	656	3
Pioneer	P37Z06E GC ↗	E3	3.7	R	67.9	11.4	1	130.0	655	4
Apex	AE3950S ↗	E3,ST	3.9	M	67.7	11.3	1	120.0	653	5
Burrus	4134E ↗	E3	4.1	M	67.4	11.3	5	116.0	650	6
DONMARIO	DM33E55 ↗	E3	3.3	M	67.3	11.6	1	119.7	649	7
Burrus	3472E ↗	E3	3.4	M	66.5	11.9	1	114.0	641	8
FS HiSOY	HS 39E40 ↗	E3,ST	3.9	M	66.5	11.4	3	114.3	641	9
Xitavo	XO 3555E ↗	E3	3.5	M	66.3	11.5	1	129.3	639	10
NuTech	45N12E ↗	E3	4.5	M	66.1	11.6	6	122.0	637	11
FS HiSOY	HS 33E50 ↗	E3	3.3	M	66.0	11.4	1	114.3	636	12
Agrisoy	41A04E ↗	E3	4.1	M	65.8	11.3	4	106.3	634	13
DONMARIO	DM38E54 ↗	E3	3.8	M	65.8	11.3	3	120.3	634	14
Burrus	3578E ↗	E3	3.5	M	65.6	11.4	3	114.3	632	15
NuTech	36N06E ↗	E3	3.6	M	65.6	11.6	1	116.3	632	16
Xitavo	XO 4056E ↗	E3	4.0	M	65.3	11.5	3	114.3	629	17
FS HiSOY	HS 41E40 ↗	E3,ST	4.1	M	65.0	11.4	6	128.0	627	18
Agrisoy	40A05E ↗	E3,ST	3.9	NA	64.8	11.4	2	118.0	625	19
Xitavo	XO 3855E ↗	E3	3.8	M	64.7	11.6	2	124.0	624	20
Apex	AE4150S ↗	E3,ST	4.1	M	64.7	11.4	4	108.3	624	21
NuTech	35N05E ↗	E3	3.5	PK	64.3	11.7	2	129.7	620	22
NuTech	39N08E ↗	E3	3.9	PK	64.1	11.3	2	126.0	618	23
Pioneer	P40Z57E GC ↗	E3	4.0	R	64.1	11.6	2	116.0	618	24
DONMARIO	DM40F45S ↗	RXF,ST	4.0	M	64.1	11.6	1	128.0	618	25
Burrus	4353E ↗	E3	4.3	M	63.9	11.7	3	122.0	616	26
Hoegemeyer	3326 E ↗	E3	3.3	PK	63.8	11.6	1	128.0	615	27
FS HiSOY	HS 35E50 ↗	E3	3.5	M	63.5	11.5	1	114.3	612	28
NuTech	43N06E ↗	E3	4.3	M	63.3	11.4	8	124.0	610	29
Agrisoy	43A04E ↗	E3	4.3	M	63.2	11.4	6	118.0	609	30

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Averages = **63.4** **11.5** **3** **120.6** **611**

LSD (0.10) = 3.7 0.2 3

LSD (0.25) = 1.9 0.1 2

C.V. = 5.5

Historic yield: 50.06 bu/a, 9 yr(s)

Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.00

Prices: GMO = \$9.64

Report Date: 11/03/2025

Additional reports available at www.firstseedtests.com

† 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. *Earthoptics used for soil conditions and soil-borne disease & pest risks. ↗ Links to full product yield results at www.firstseedtests.com.

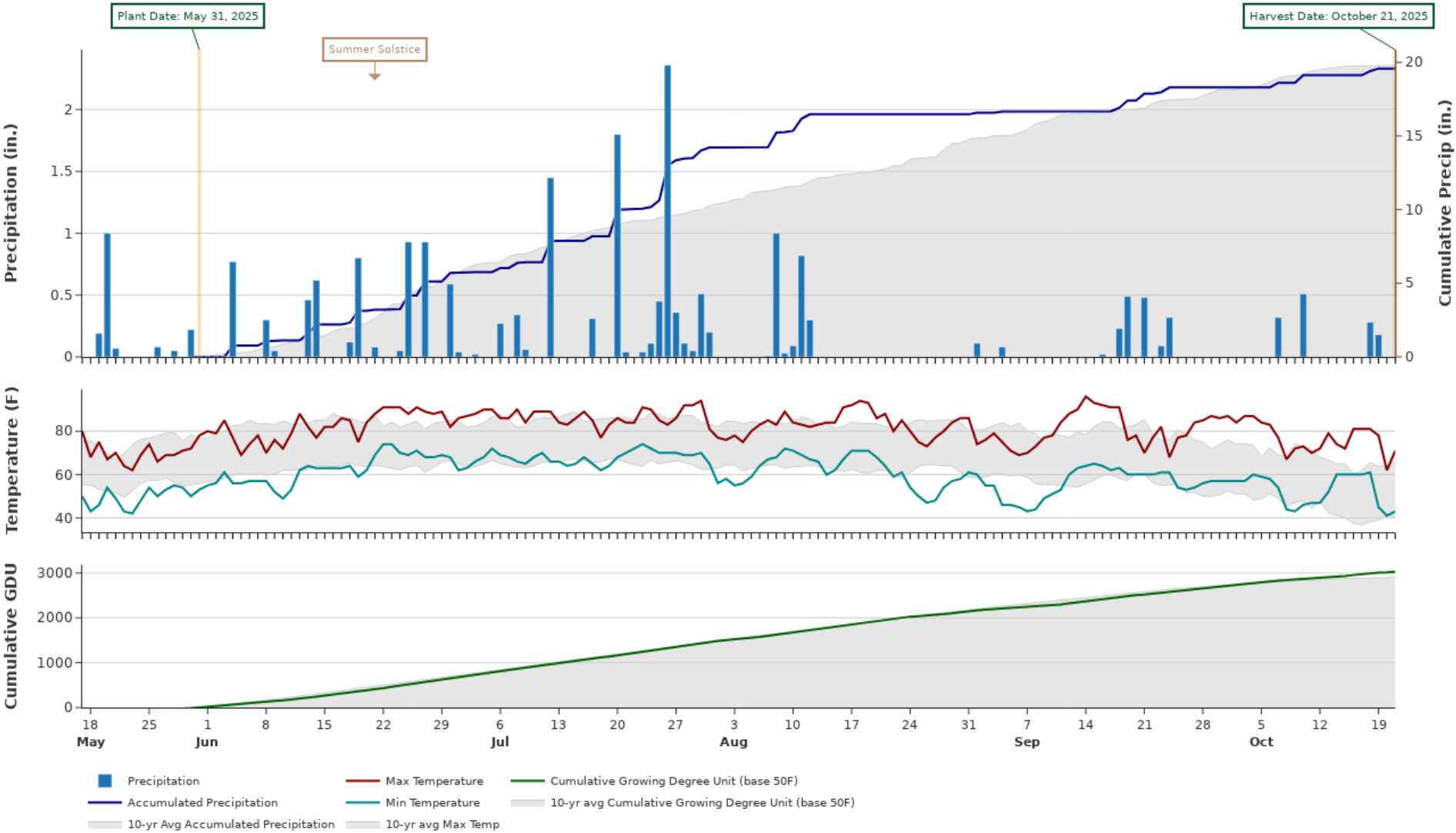
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2025 Soybeans - Missouri North [MONO]

Weather Conditions Summary at GREENTOP, MO

Weather Data Retrieved: 11/03/2025

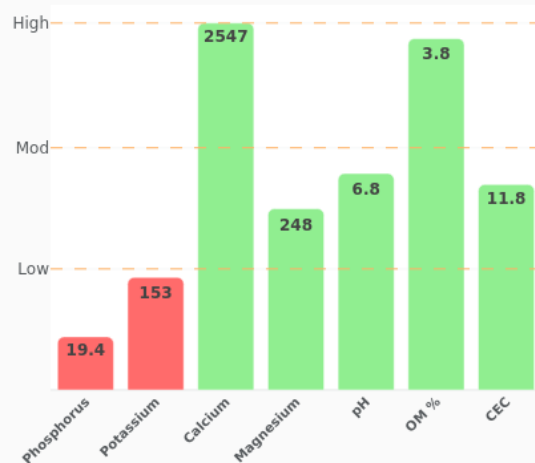
Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in.) (Diff)	1.6 2.8 (-1.2)	5.7 5.5 (+0.2)	8.5 4.8 (+3.7)	2.2 4.5 (-2.2)	1.8 3.4 (-1.6)	1.3 1.7 (-0.4)	21.2 22.6 (-1.4)
GDU Avg (Diff)	164 222 (-58)	654 685 (-31)	814 777 (+36)	680 717 (-37)	542 540 (+1)	337 186 (+150)	3191 3130 (+60)



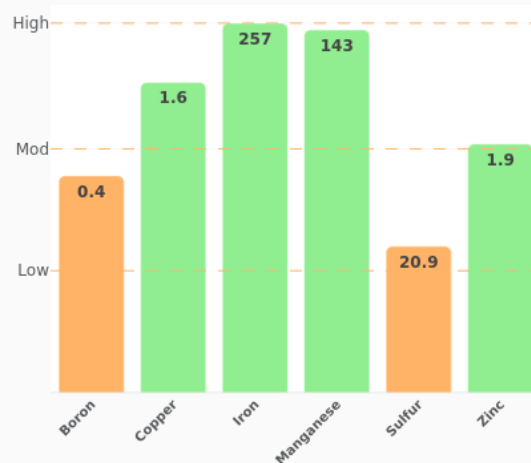
* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

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.

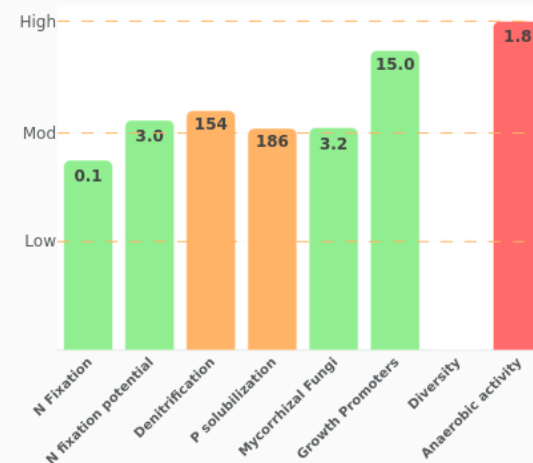
Macronutrients



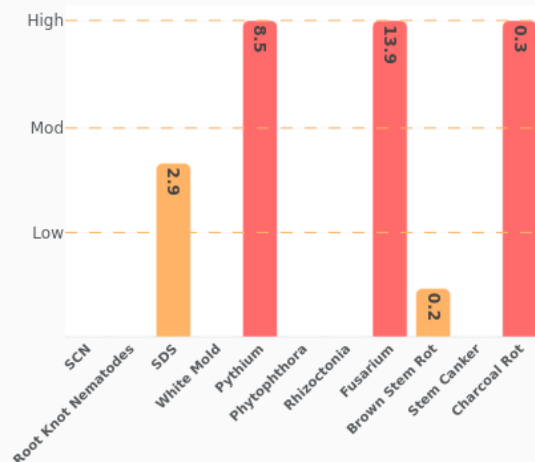
Micronutrients



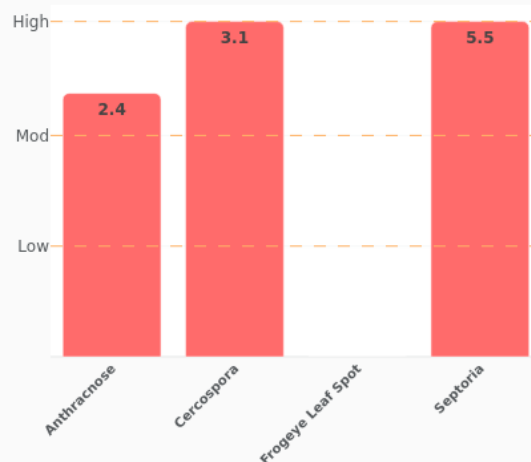
Biofertility Analytics



Below Ground Pest & Disease - Soybeans



Above Ground Pest & Disease - Soybeans



More Information

You can find more information about the EarthOptics and soil analytics reported at the following links:

- [Reported Analytics Descriptions](#)
- [Soil Nutrients & Fertility](#)
- [Analytics & Insights](#)
- [EarthOptics](#)

2025 Soybeans - Missouri North [MONO]

All-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Agrisoy	35A03E	E3	M	3.5	NA
Agrisoy	38A04E	E3	M	3.8	NA
Agrisoy	39A05E	E3,ST	NA	3.9	NA
Agrisoy	40A05E	E3,ST	NA	3.9	NA
Agrisoy	41A04E	E3	M	4.1	NA
Agrisoy	43A04E	E3	M	4.3	NA
AgVenture	AV34B2E	E3	PK	3.4	CMB-APX,IL
AgVenture	AV36B2E	E3	M	3.6	CMB-APX,SA
AgVenture	AV38A1E	E3	M	3.8	CMB-APX,IL
AgVenture	AV38B2E	E3	M	3.8	CMB-APX,IL
AgVenture	AV39B2E	E3	PK	3.9	CMB-APX,IL
AgVenture	AV40C3E	E3	M	4.0	Lum,Lu,Lud,IL
AgVenture	AV43B2BE	E3,ST	M	4.3	Treated
AgVenture	AV44B2E	E3	M	4.4	CMB-APX,IL
Apex	AE3550S	E3,ST	M	3.5	CMB-APX,SA
Apex	AE3660	E3	PK	3.6	PU,Sa
Apex	AE3950S	E3,ST	M	3.9	EcQ,NF,NH,SA
Apex	AE4150S	E3,ST	M	4.1	EcTC,SA
Apex	AE4260	E3	M	4.2	PU,Sa
Burrus	3472E	E3	M	3.4	BPS-SDS
Burrus	3578E	E3	M	3.5	BPS-SDS
Burrus	4134E	E3	M	4.1	BPS-SDS
Burrus	4353E	E3	M	4.3	BPS-SDS
DONMARIO	DM33E55	E3	M	3.3	CMB-APX,SA
DONMARIO	DM36E94	E3	M	3.6	CMB-APX,SA
DONMARIO	DM38E54	E3	M	3.8	CMB-APX,SA
DONMARIO	DM40F45S	RXF,ST	M	4.0	CMB-APX,SA
FS HiSOY	HS 33E50	E3	M	3.3	ACi,SA
FS HiSOY	HS 34F30	RXF	M	3.4	ACi,SA
FS HiSOY	HS 35E50	E3	M	3.5	ACi,SA
FS HiSOY	HS 36F40	RXF	M	3.6	ACi,SA
FS HiSOY	HS 37E40	E3	M	3.7	ACi,SA
FS HiSOY	HS 39E40	E3,ST	M	3.9	ACi,SA
FS HiSOY	HS 39F50	RXF	M	3.9	ACi,SA
FS HiSOY	HS 41E40	E3,ST	M	4.1	ACi,SA
Hoegemeyer	3326 E	E3	PK	3.3	Lum, LumT, IL

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Hoegemeyer	3926 E	E3	PK	3.9	Lum, LumT, IL
Hoegemeyer	4036 E	E3	M	4.0	Lum, LumT, IL
NuTech	35N05E	E3	PK	3.5	Lum, LumT, IL
NuTech	36N06E	E3	M	3.6	Lum, LumT, IL
NuTech	38N05E	E3	M	3.8	Lum, LumT, IL
NuTech	39N08E	E3	PK	3.9	Lum, LumT, IL
NuTech	41N04E	E3	M	4.1	Lum, LumT, IL
NuTech	43N06E	E3	M	4.3	Lum, LumT, IL
NuTech	43N11BE	E3,ST	M	4.3	Lum, LumT, IL
NuTech	45N12E	E3	M	4.5	Lum, LumT, IL
Pioneer	P37Z06E	E3	R	3.7	NA
Pioneer	P40Z57E	E3	R	4.0	NA
Xitavo	XO 3555E	E3	M	3.5	PV,IL,OB,Rey
Xitavo	XO 3705E	E3	M	3.7	PV,IL,OB,Rey
Xitavo	XO 3855E	E3	M	3.8	PV,IL,OB,Rey
Xitavo	XO 4056E	E3	M	4.0	PV,IL,OB,Rey
Xitavo	XO 4255E	E3	M	4.2	PV,IL,OB,Rey
Xitavo	XO 4405E	E3	M	4.4	PV,IL,OB,Rey

* 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.

Soybean Cyst Nematode (SCN) Resistance Source or Rating

Note: Source of SCN resistance used when available, otherwise older susceptibility ratings are reported.

M	PI 88788 (MR)
PK	Peking (R)
H	Hartwig (R)
B	Blend (PK + M)
MR	moderate resistance
R	resistant
S	susceptible
NA	info unavailable

Soybeans Technologies

E3	Enlist E3®
RXF	XtendFlex®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

ACi,SA	Acceleron® Standard Insecticide-Fungicide, Saltro®
BPS-SDS	Burrus PowerShield® SDS
CMB-APX,IL	CruiserMaxx® APX with ILEVO®
CMB-APX,SA	CruiserMaxx® APX with Saltro®
EcQ,NF,NH,SA	Eclipse US Total Quad-R, N-Force, N-Hibit, Saltro
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro®
Lum,Lu,Lud,IL	LumiGEN™, Luminesa, Lumiderm, ILeVO
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PU,Sa	Protect Ultra, Saltro
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
Treated	Treated, unspecified

* Seed treatments may include unspecified plant health promoting components.