

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

2025 Soybeans Top 30 Harvest Report

Missouri North [MONO] TINA, MO

Dustin Bowling, Carroll County, MO 64643

All-Season Test	Maturity Group 3.3 - 4.5 S2025MONO02
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Lexar, Glyphosate
SOIL DESCRIPTION:	Lagonda silty clay loam, moderately drained, non- irrigated
SOIL CONDITION:	5.78 pH, 3.78% OM, 10.7 CEC, medium P, low K, low S, mod. B, mod. Zn
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Zidua, Liberty, Roundup
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	Jun 1 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 23 122.3 /A
PEST & DISEASE RISK:	SDS, Fusarium, Stem Canker, Red Crown Rot, Anthracnose of Soybean*

TEST COMMENTS:

Excellent soil conditions at planting in this stale seedbed. Rainfall was plentiful throughout July. It turned off and was dry in late summer. The plot received less than 1" of rain in August, which possibly limited some top-end yield potential. A handful of varieties had a few green leaves and a fair bit of green stem during harvest. Overall, a great trial this year.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Xitavo	XO 3555E ↗	E3	3.5	M	74.6	11.6	1	125.0	718	1
FS HISOY	HS 41E40 ↗	E3,ST	4.1	M	73.1	11.3	2	128.0	705	2
Xitavo	XO 4056E ↗	E3	4.0	M	72.4	11.3	1	116.0	698	3
Burrus	4353E ↗	E3	4.3	M	71.5	11.4	1	130.0	689	4
Apex	AE3950S ↗	E3,ST	3.9	M	71.2	11.2	1	119.7	686	5
Burrus	3578E ↗	E3	3.5	M	71.2	11.2	1	124.0	686	6
FS HiSOY	HS 39E40 ↗	E3,ST	3.9	M	70.1	11.1	1	118.0	676	7
AgVenture	AV39B2E ↗	E3	3.9	PK	69.3	11.1	4	128.0	668	8
DONMARIO	DM38E54 ↗	E3	3.8	M	69.3	11.2	6	118.3	668	9
NuTech	45N12E ↗	E3	4.5	M	69.2	11.1	9	124.0	667	10
Agrisoy	41A04E ↗	E3	4.1	M	69.2	11.0	1	124.0	667	11
Xitavo	XO 4255E ↗	E3	4.2	M	68.8	11.0	11	118.0	663	12
FS HiSOY	HS 35E50 ↗	E3	3.5	M	68.3	11.1	1	118.0	658	13
Agrisoy	38A04E ↗	E3	3.8	M	68.0	11.4	9	124.0	656	14
Agrisoy	40A05E ↗	E3,ST	3.9	NA	68.0	11.1	1	114.0	656	15
Apex	AE3550S ↗	E3,ST	3.5	M	67.3	11.2	1	131.7	649	16
Xitavo	XO 3855E ↗	E3	3.8	M	67.0	11.3	2	124.0	646	17
NuTech	36N06E ↗	E3	3.6	M	66.8	11.2	1	128.0	644	18
AgVenture	AV38A1E ↗	E3	3.8	M	66.8	11.3	2	130.0	644	19
Xitavo	XO 3705E ↗	E3	3.7	M	66.8	11.2	6	114.3	644	20
AgVenture	AV36B2E ↗	E3	3.6	M	66.5	11.4	1	129.7	641	21
Hoegemeyer	3926 E ↗	E3	3.9	PK	66.4	11.1	1	116.0	640	22
NuTech	43N11BE ↗	E3,ST	4.3	M	66.2	11.1	5	122.0	638	23
Pioneer	P40Z57E GC ↗	E3	4.0	R	66.2	11.1	5	110.3	638	24
Burrus	4134E ↗	E3	4.1	M	66.0	10.9	3	122.0	636	25
FS HISOY	HS 37E40 ↗	E3	3.7	M	66.0	11.5	9	131.7	636	26
AgVenture	AV43B2BE ↗	E3,ST	4.3	M	65.9	11.2	6	127.7	635	27
AgVenture	AV34B2E ↗	E3	3.4	PK	65.8	11.2	1	112.0	634	28
DONMARIO	DM36E94 ↗	E3	3.6	M	65.7	11.4	2	125.7	633	29
NuTech	43N06E ↗	E3	4.3	M	65.2	11.2	5	124.0	629	30

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Averages = **65.3** **11.2** **3** **122.3** **630**

LSD (0.10) = 4.1 0.2 3

LSD (0.25) = 2.1 0.1 2

C.V. = 5.9

Historic yield: 55.64 bu/a, 2 yr(s)

Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.00

Prices: GMO = \$9.64

Report Date: 11/02/2025

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.

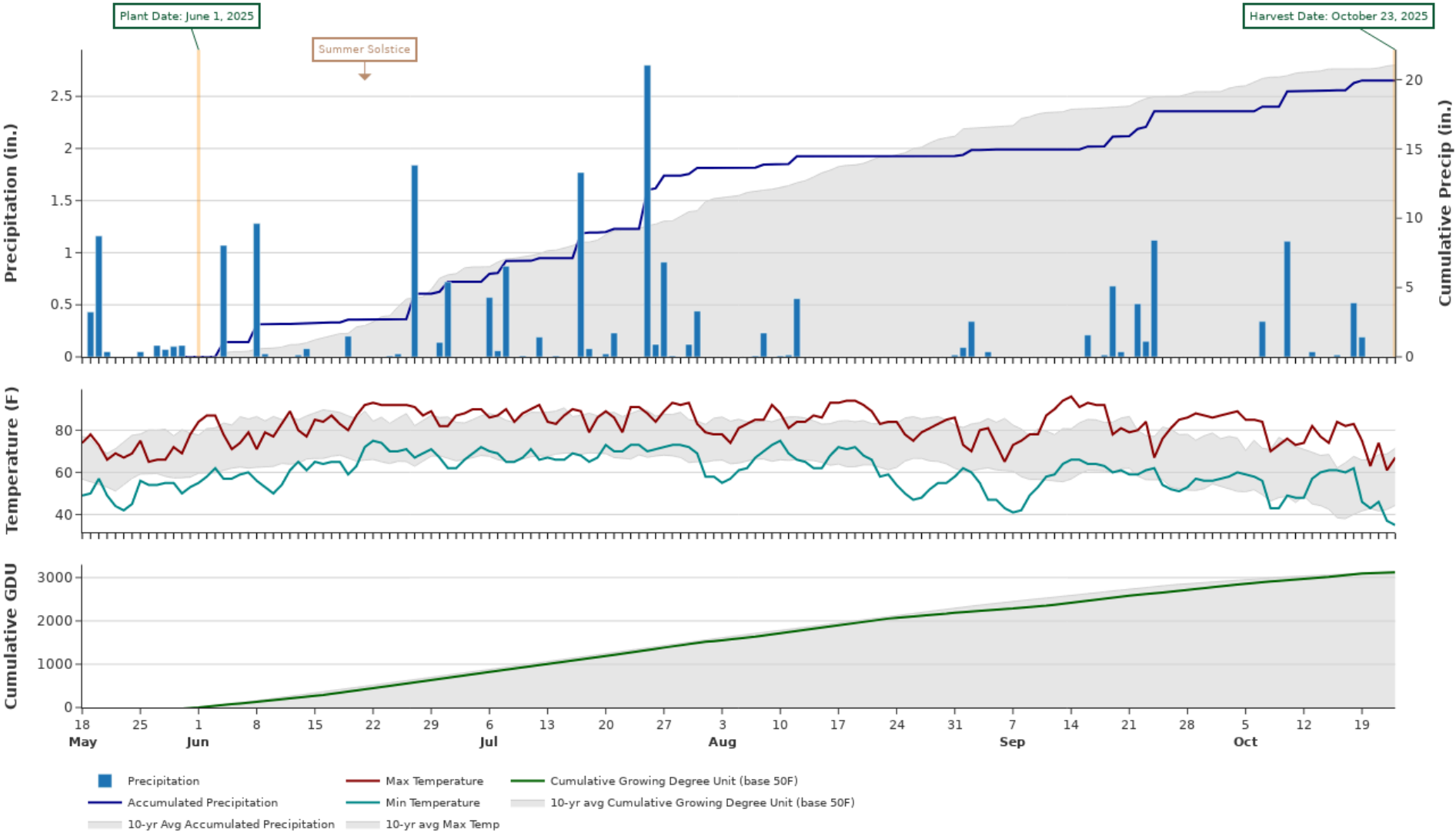
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2025 Soybeans - Missouri North [MONO]

Weather Conditions Summary at TINA, MO

Weather Data Retrieved: 11/02/2025

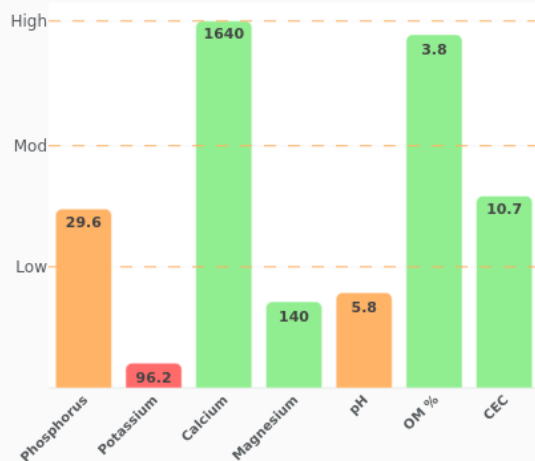
Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	2.1 2.7 (-0.6)	4.7 5.8 (-1.1)	8.9 4.9 (+4.1)	0.8 5.4 (-4.5)	3.2 3.2 (0.0)	2.2 1.9 (+0.3)	22.0 23.9 (-1.9)
GDU Avg (Diff)	160 230 (-70)	683 735 (-52)	834 819 (+14)	694 761 (-67)	561 588 (-27)	370 247 (+122)	3302 3383 (-81)



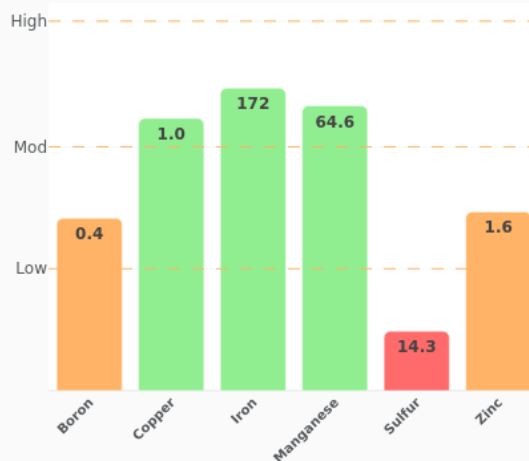
* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

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.

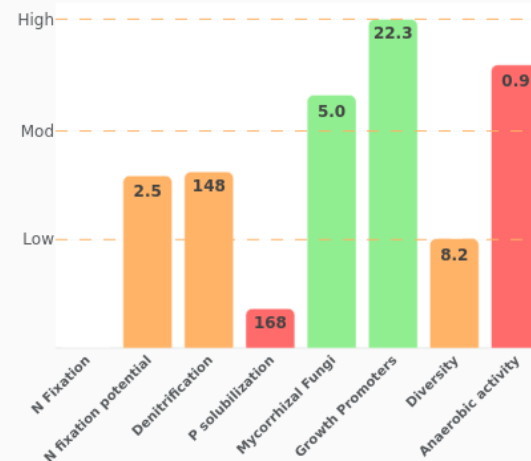
Macronutrients



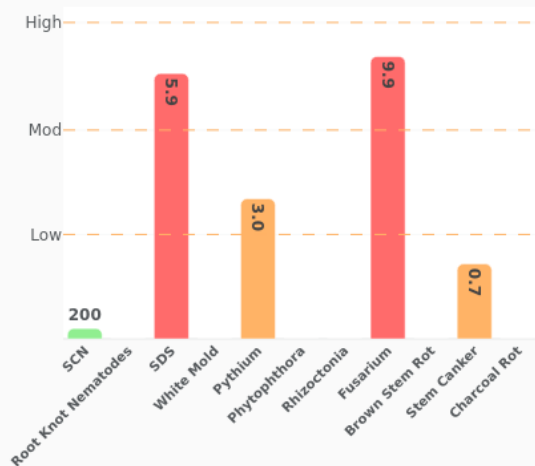
Micronutrients



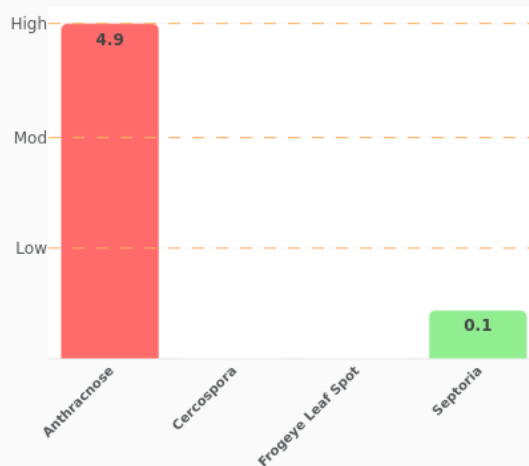
Biofertility Analytics



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.