

Test by: Bottomline Seed Solutions, LLC Effingham, IL

2025 Soybeans Top 30 Harvest Report

Illinois South [ILSO] NASHVILLE, IL
Dan Bartling, Washington County, IL


All-Season Test	Maturity Group 3.5 - 4.8 S2025ILSO03
Top 30 of 60	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Roundup, 2,4-D, Acuron, Trivapro
SOIL DESCRIPTION:	Hoyleton silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	6.62 pH, 2.83% OM, 7.44 CEC, high P, high K, low S, mod. B, low Zn
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Roundup, Anthem Maxx
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 31 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 24 111.9 /A
PEST & DISEASE RISK:	SDS, Stem Canker, Charcoal Rot, Anthracnose of Soybean*

TEST COMMENTS:

This conventional location was planted into a perfect seedbed at the end of May. Emergence was good, and weed control was perfect. The season-long drought kept most varieties below 24 inches in height. The full season varieties caught a few late showers in September, which filled the few pods that were set and reflected a yield increase in the later maturity varieties. The earlier varieties were so drought-stricken that most of them died in early September, resulting in very weak pod walls that split. A considerable amount of shattering was observed from several varieties. This was a very rough environment for this year's growing season. This test has been rejected due to high yield variability.

Company/Brand	Product/Brand	Tested †	HR	HT Inches	Yield Bu/A	Moisture %	Logging %	Stand in 2025	Gross Income \$/Acre	Rank
AgriGen	AG4000S DC †	09	4.3	38	47.8	14.8	1	99.3	471	1
AgriGen	AG4000S DC †	09	4.3	38	46.8	15.0	1	100.0	469	2
AgriGen	AG4000S DC †	09	4.3	38	46.2	15.0	1	100.0	466	3
AgriGen	AG4000S DC †	09	4.3	38	45.2	14.4	1	100.0	458	4
AgriGen	AG4000S DC †	09	4.3	38	45.0	14.0	1	100.0	458	5
AgriGen	AG4000S DC †	09	4.3	38	44.2	14.1	1	100.0	457	6
AgriGen	AG4000S DC †	09	4.3	38	43.2	14.7	1	100.0	450	7
AgriGen	AG4000S DC †	09	4.3	38	42.8	14.0	1	100.0	449	8
AgriGen	AG4000S DC †	09	4.3	38	42.2	14.0	1	100.0	447	9
AgriGen	AG4000S DC †	09	4.3	38	41.2	14.0	1	100.0	447	10
AgriGen	AG4000S DC †	09	4.3	38	40.2	14.0	1	100.0	447	11
AgriGen	AG4000S DC †	09	4.3	38	39.2	14.4	1	100.0	446	12
AgriGen	AG4000S DC †	09	4.3	38	38.2	14.1	1	100.0	446	13
AgriGen	AG4000S DC †	09	4.3	38	37.2	14.0	1	100.0	446	14
AgriGen	AG4000S DC †	09	4.3	38	37.2	13.1	1	100.0	445	15
AgriGen	AG4000S DC †	09	4.3	38	36.8	14.2	1	100.0	442	16
AgriGen	AG4000S DC †	09	4.3	38	36.5	14.1	1	100.0	440	17
AgriGen	AG4000S DC †	09	4.3	38	36.2	14.3	1	100.0	437	18
AgriGen	AG4000S DC †	09	4.3	38	35.8	14.7	1	100.0	434	19
AgriGen	AG4000S DC †	09	4.3	38	35.8	13.8	1	100.0	433	20
AgriGen	AG4000S DC †	09	4.3	38	35.5	13.9	1	100.0	430	21
AgriGen	AG4000S DC †	09	4.3	38	34.2	14.7	1	100.0	428	22
AgriGen	AG4000S DC †	09	4.3	38	34.2	13.1	1	100.0	428	23
AgriGen	AG4000S DC †	09	4.3	38	34.2	14.5	1	100.0	428	24
AgriGen	AG4000S DC †	09	4.3	38	33.8	14.0	1	100.0	424	25
AgriGen	AG4000S DC †	09	4.3	38	33.8	13.5	1	100.0	423	26
AgriGen	AG4000S DC †	09	4.3	38	33.7	14.1	1	100.0	420	27
AgriGen	AG4000S DC †	09	4.3	38	33.4	12.1	1	100.0	419	28
AgriGen	AG4000S DC †	09	4.3	38	33.2	13.7	1	100.0	418	29
AgriGen	AG4000S DC †	09	4.3	38	33.2	13.8	1	100.0	417	30

REJECTED

 Klint Tucker klint@whatssmokin.net, (309) 712-1406	Averages =	33.1	13.7	1	111.9	325
	LSD (0.10) =	5.7	0.5	ns		
	LSD (0.25) =	3.0	0.3	ns		
	C.V. =	16.5			Historic yield: 59.19 bu/a, 5 yr(s)	

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.00 Prices: GMO = \$9.85

Report Date: 10/27/2025

Additional reports available at www.firstseedtests.com

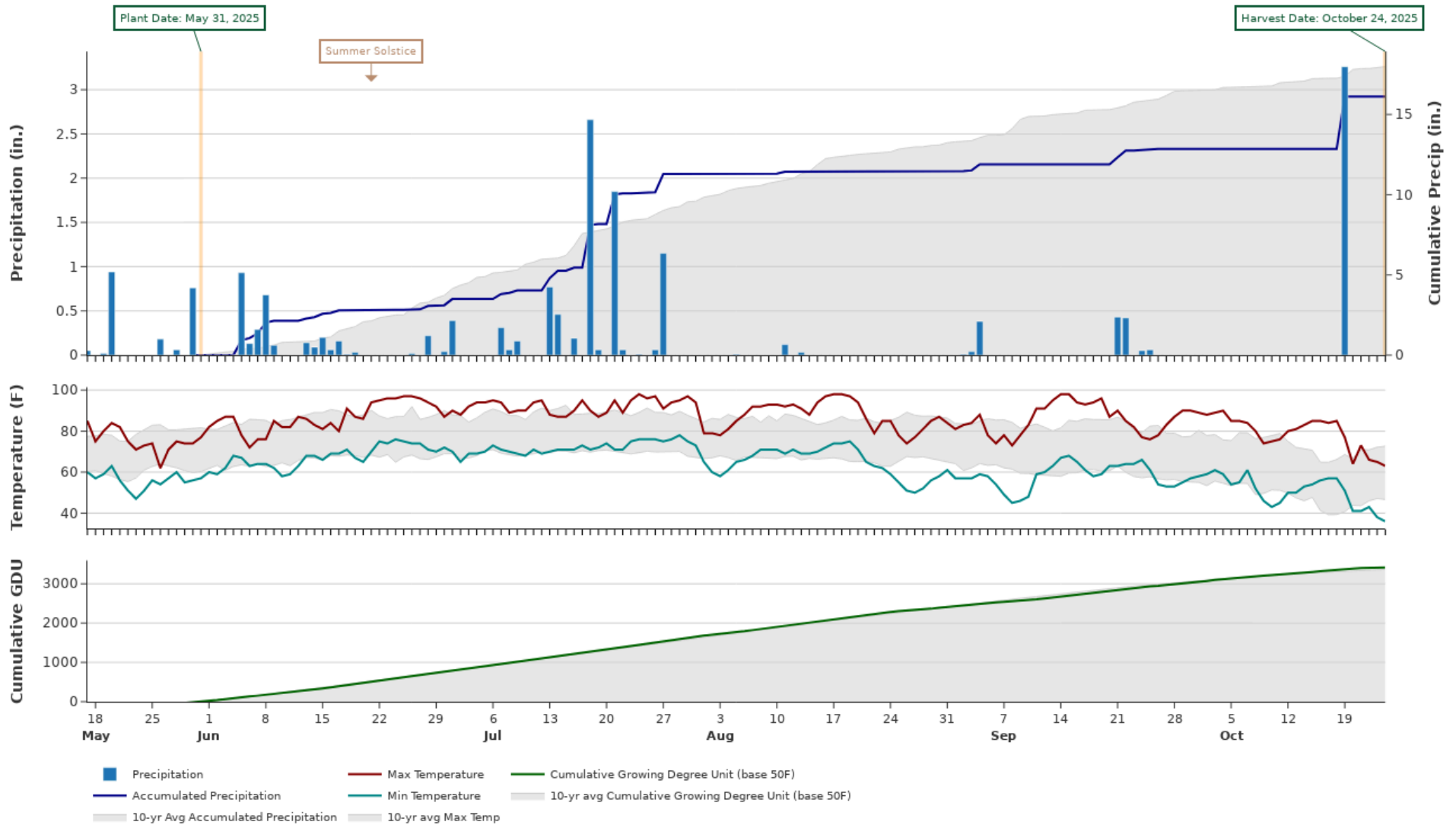
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. *Earthoptics used for soil conditions and soil-borne disease & pest risks. ↗ Links to full product yield results at www.firstseedtests.com.

2025 Soybeans - Illinois South [ILSO]

Weather Conditions Summary at NASHVILLE, IL

Weather Data Retrieved: 10/27/2025

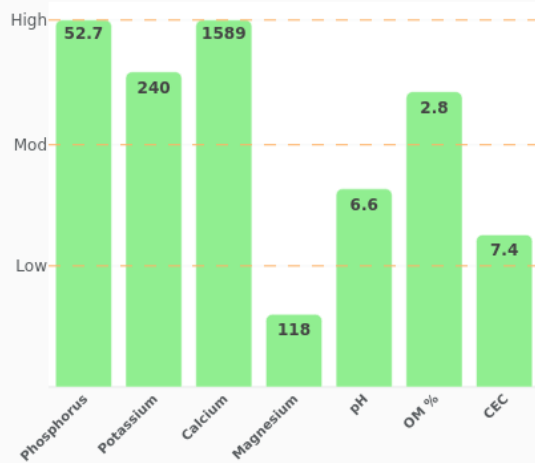
Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	2.0 2.4 (-0.4)	3.1 3.7 (-0.6)	8.2 5.9 (+2.3)	0.2 3.6 (-3.5)	1.4 3.2 (-1.9)	3.3 1.5 (+1.8)	18.1 20.4 (-2.3)
GDU Avg (Diff)	237 296 (-59)	766 764 (+1)	898 857 (+40)	747 802 (-55)	619 641 (-22)	384 298 (+85)	3651 3659 (-8)



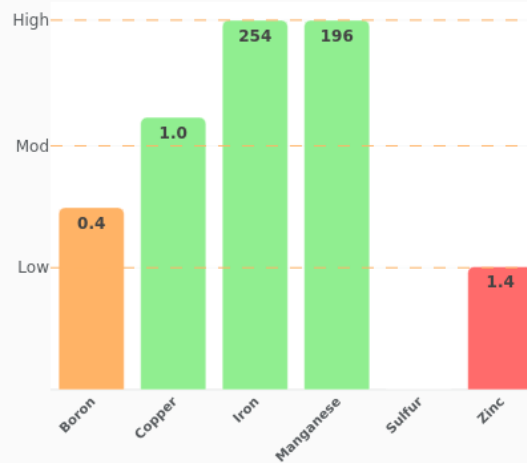
* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

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.

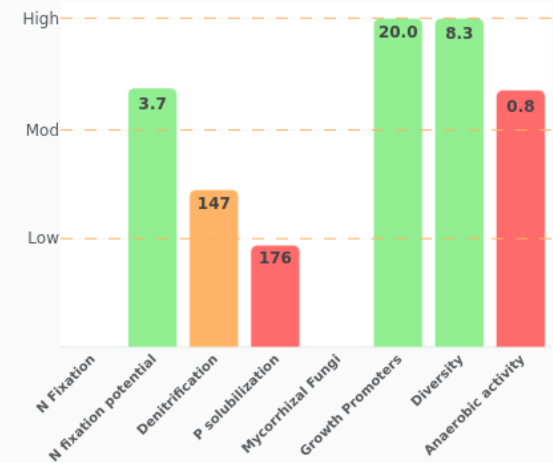
Macronutrients



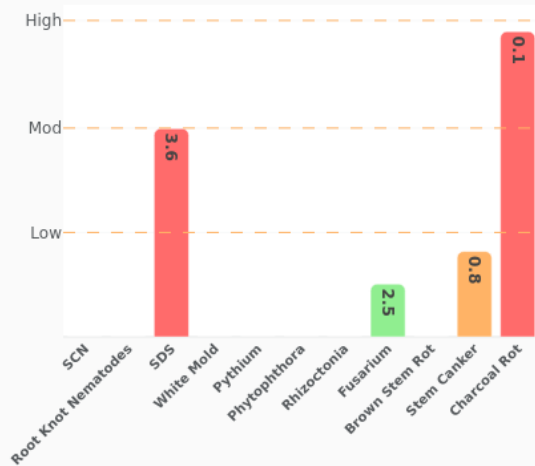
Micronutrients



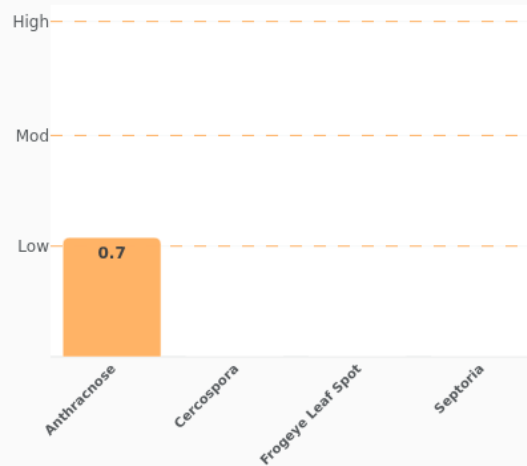
Biofertility Analytics



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 - Illinois South [ILSO]

All-Season Test Products (60 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
AgVenture	AV38A1E	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	AV41Y5E	E3	M	4.1	CMB-APX,IL
AgVenture	AV44B2E	E3	M	4.4	CMB-APX,IL
AgVenture	AV45B2E	E3	M	4.5	CMB-APX,IL
AgVenture	AV46C3E	E3	M	4.6	CMB-APX,IL
AgVenture	AV48B2E	E3	M	4.8	CMB-APX,IL
Apex	AE3550S	E3,ST	M	3.5	PU,Sa
Apex	AE3850	E3	M	3.8	PU,Sa
Apex	AE4150S	E3,ST	M	4.1	PU,Sa
Asgrow	AG39XF3	RXF	R	3.9	ACi,IL
Asgrow	AG43XF5	RXF	R	4.3	ACi
Asgrow	AG48XF3	RXF	R	4.8	ACi
Burrus	3578E	E3	M	3.5	BPS-SDS
Burrus	3908F	RXF	M	3.9	BPS-SDS
Burrus	4125F	RXF	M	4.1	BPS-SDS
Burrus	4134E	E3	M	4.1	BPS-SDS
Burrus	4353E	E3	M	4.3	BPS-SDS
DONMARIO	DM36E94	E3	M	3.6	CMB-APX,SA
DONMARIO	DM37F85S	RXF,ST	M	3.7	CMB-APX,SA
DONMARIO	DM38E54	E3	M	3.8	CMB-APX,SA
DONMARIO	DM40F45S	RXF,ST	M	4.0	CMB-APX,SA
Dyna-Gro	S38EN75	E3	M	3.8	PLTM
Dyna-Gro	S41XF65	RXF	M	4.1	PLTM
Fortus	3665E	E3	M	3.6	ACi,SU
Fortus	3815E	E3	M	3.8	ACi,SU
Fortus	4125ES	E3,ST	M	4.1	ACi,SU
FS HiSOY	HS 42F50	RXF	M	4.2	ACi,SA
FS HiSOY	HS 43E30	E3,ST	M	4.3	ACi,SA
FS HiSOY	HS 44F30	RXF,ST	M	4.4	ACi,SA
FS HiSOY	HS 45E50	E3	M	4.5	ACi,SA
FS HiSOY	HS 46F50	RXF,ST	M	4.6	ACi,SA
FS HiSOY	HS 47E50	E3,ST	M	4.7	ACi,SA
FS HiSOY	HS 48E50	E3,ST	M	4.8	ACi,SA
FS HiSOY	HS 48F40	RXF	M	4.8	ACi,SA

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Great Heart	GT-3646E	E3	PK	3.6	Gr+
Great Heart	GT-3771E	E3	M	3.7	Gr+
Great Heart	GT-3968XF	RXF	M	3.9	Gr+
Great Heart	GT-3972E	E3	M	3.9	Gr+
Great Heart	GT-4148ES	E3,ST	M	4.1	Gr+
Great Heart	GT-4320ES	E3,ST	M	4.3	Gr+
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	P40Z57E	E3	R	4.0	Lum, LumT, IL
Pioneer	P41Z16E	E3	R	4.1	Lum, LumT, IL
Pioneer	P43Z44SE	E3,ST	R	4.3	Lum,Lu,IL
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 4364E	E3	M	4.3	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	Acceleron® Standard Insecticide-Fungicide
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ACi,SA	Acceleron® Standard Insecticide-Fungicide, Salstro®
ACi,SU	Acceleron® Standard Insecticide-Fungicide, StepUp
BPS-SDS	Burrus PowerShield® SDS
CMB-APX,IL	CruiserMaxx® APX with ILEVO®
CMB-APX,SA	CruiserMaxx® APX with Salstro®
Gr+	Great Start Max Plus (Great Heart Seed)
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
Lum,Lu,Lud,IL	LumiGEN™, Luminesa, Lumiderm, ILeVO
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PLTM	DynaGro PLTM
PU,Sa	Protect Ultra, Salstro
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®

* Seed treatments may include unspecified plant health promoting components.