

Test by: F.I.R.S.T. AMC Inc. Mount Carroll, IL

## 2025 Soybeans Top 30 Harvest Report

Illinois North [ILNO] SENECA, IL

Dave Thorsen, Grundy County, IL

### All-Season Test

Maturity Group 2.4 - 3.3  
S2025ILNO09

### Top 30 of 54

For Gross Income  
(Sorted by Yield)  
Average of (3) Replications

### PREV. CROP/HERB:

Corn / Verdict, Zidua Pro,  
Explorer, Atrazine, Roundup  
Powermax 3, Zidua Sc

### SOIL DESCRIPTION:

Chenoa silty clay loam,  
moderately drained, non-  
irrigated

### SOIL CONDITION:

6.56 pH, 4.56% OM, 10.93 CEC,  
high P, high K, low S, high B,  
high Zn

### TILLAGE/CULTIVATION:

No-Till

### PEST MANAGEMENT:

Boundary, Verdict, Roundup  
Powermax 3, Flexstar Gt, Liberty  
Ultra, Dual 2 Magnum, Fusilade  
Dx, (Miravis Neo, Endigo Zc  
(R3)

### FERTILITY - Other:

11 units of sulfur applied

### Applied N-P-K (units):

0-43-84

### SEEDED - RATE - ROW:

May 9 160.0 /A 15" spacing

### HARVESTED - STAND:

Oct 2 121.2 /A

### PEST & DISEASE RISK:

SCN, SDS, White Mold,  
Charcoal Rot, Anthracnose of  
Soybean\*

### TEST COMMENTS:

*This no-till location was planted in drier soil conditions, but seemed to emerge well. Excellent growing conditions during the early season and at flower led to some great looking, very healthy soybean plants. They were standing nicely and were fairly easy to cut. As was the theme in the area this year, the dry temperatures with little to no moisture during harvest resulted in low moisture samples. The yields were impressive considering the circumstances.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Burrus	3287E ↗	E3	3.2	M	<b>86.2</b>	10.5	1	114.0	896	1
FS HiSOY	HS 30E40 ↗	E3,ST	3.0	M	<b>85.7</b>	11.8	1	124.3	891	2
NuTech	29N05E ↗	E3	2.9	PK	83.6	9.8	1	124.3	869	3
Pioneer	P33Z17E GC ↗	E3	3.3	M	83.5	10.0	2	122.0	868	4
FS HiSOY	HS 29F50 ↗	RXF	2.9	M	83.4	10.5	1	122.0	867	5
NuTech	25N05E ↗	E3	2.5	PK	82.9	10.9	2	119.0	862	6
Burrus	2729E ↗	E3	2.7	PK	82.8	11.4	1	121.7	861	7
Burrus	2916E ↗	E3	2.9	M	82.0	10.7	2	129.3	853	8
P3 Genetics	2626E ↗	E3	2.6	PK	81.6	11.0	2	122.0	849	9
DONMARIO	DM33E55 ↗	E3	3.3	M	81.5	10.5	1	119.0	848	10
Xitavo	XO 2556E ↗	E3	2.5	PK	81.4	10.7	1	121.7	847	11
P3 Genetics	2424E ↗	E3	2.4	M	80.7	11.2	1	119.3	839	12
FS HiSOY	HS 26E50 ↗	E3	2.6	PK	79.9	10.6	1	119.0	831	13
FS HiSOY	HS 25E30 ↗	E3	2.5	PK	79.8	10.8	2	119.0	830	14
Xitavo	XO 2926E ↗	E3	2.9	M	79.6	10.8	2	113.7	828	15
NuTech	32N05E ↗	E3	3.2	M	79.6	10.5	1	137.0	828	16
AgVenture	AV24A1E ↗	E3	2.4	PK	79.5	11.4	1	131.3	827	17
Xitavo	XO 3014E ↗	E3	3.0	M	78.8	11.2	2	119.0	820	18
Genesis	G2570ES ↗	E3,ST	2.5	M	78.7	11.0	1	116.3	818	19
AgVenture	AV31C3E ↗	E3	3.1	M	77.8	10.4	1	114.0	809	20
ProHarvest	35E52 ↗	E3	3.3	M	77.2	9.5	1	119.0	803	21
Loyal	L2770E ↗	E3	2.7	PK	77.1	10.6	1	119.0	802	22
Apex	AE3150 ↗	E3	3.1	M	76.8	10.9	1	129.3	799	23
Genesis	G3171ES ↗	E3,ST	3.1	M	76.7	10.6	1	116.3	798	24
Genesis	G2790E ↗	E3	2.7	PK	76.5	10.7	2	126.7	796	25
AgVenture	AV 29A1E ↗	E3	2.9	M	76.4	10.4	3	129.3	795	26
Genesis	G2900E ↗	E3	2.9	M	76.4	10.9	3	116.7	795	27
Xitavo	XO 3375E ↗	E3	3.3	M	76.1	10.9	2	122.0	791	28
AgVenture	AV32B2E ↗	E3	3.2	M	75.8	10.3	1	134.3	788	29
AgVenture	AV28B2E ↗	E3	2.8	M	75.6	11.3	2	106.3	786	30

Averages = **75.7** **10.8** **2** **121.2** **788**

LSD (0.10) = 8.2 0.5 ns

LSD (0.25) = 4.3 0.3 ns

C.V. = 10.2

Historic yield: 69.48 bu/a, 3 yr(s)

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### Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.0

Drying = \$0.00

Prices: GMO = \$10.40

Report Date: 10/02/2025

† 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. <sup>†</sup>EarthOptics used for soil conditions and soil-borne disease & pest risks. ↗ Links to full product yield results at www.firstseedtests.com.

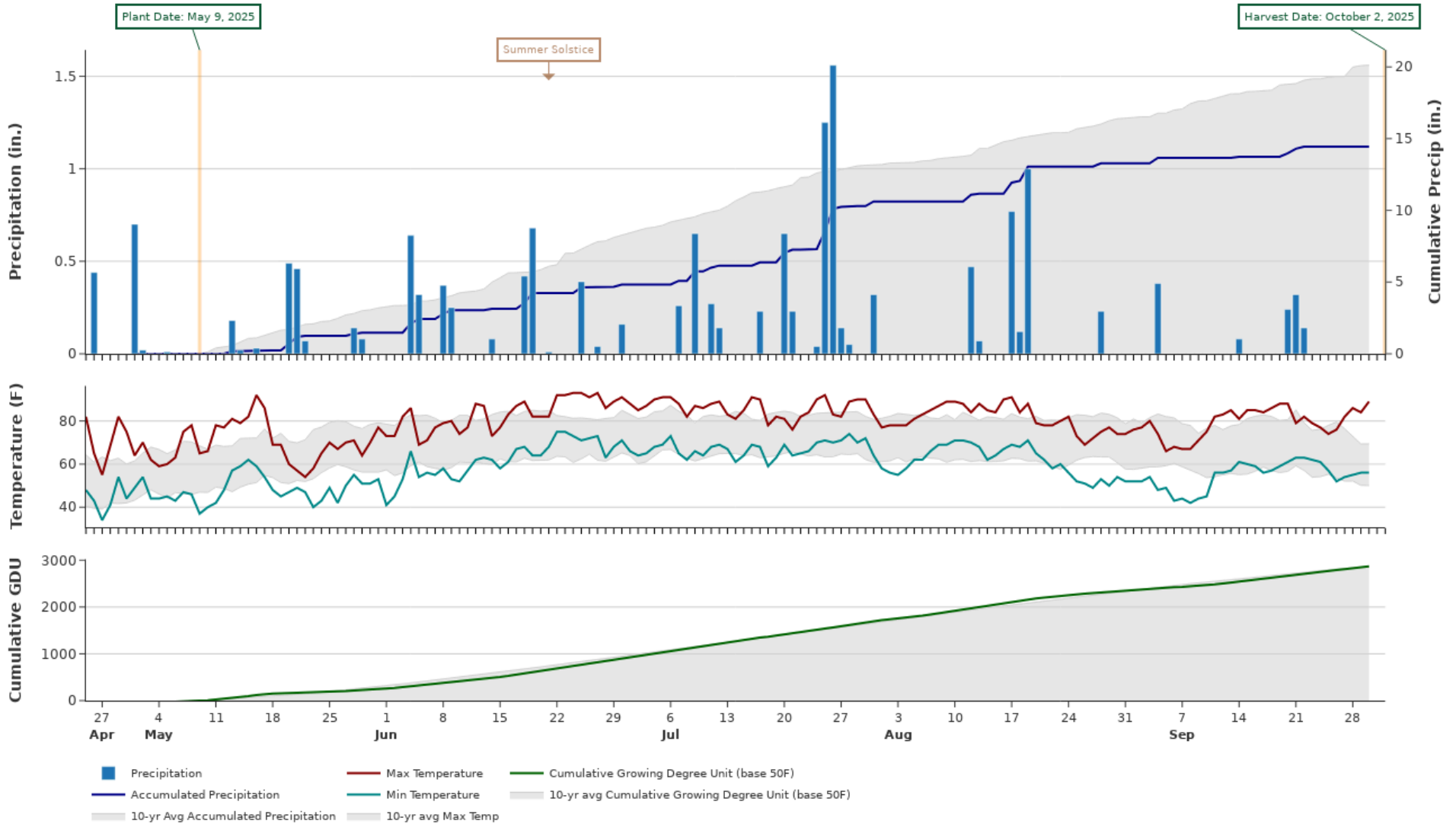
Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

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# 2025 Soybeans - Illinois North [ ILNO ]

## Weather Conditions Summary at SENECA, IL

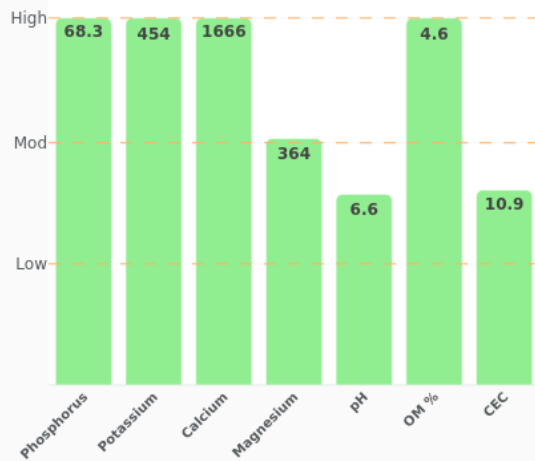
Monthly Total	Apr*	May	Jun	Jul	Aug	Sep*	Total
Precip (in)   (Diff)	0.4   1.4 (-1.0)	2.2   5.3 (-3.1)	3.4   5.1 (-1.7)	5.8   4.9 (+0.9)	2.7   3.2 (-0.6)	1.2   3.7 (-2.6)	15.6   23.6 (-8.0)
GDU   Avg (Diff)	64   36 (+27)	324   379 (-55)	660   641 (+18)	792   725 (+66)	648   672 (-24)	519   516 (+2)	3007   2972 (+34)



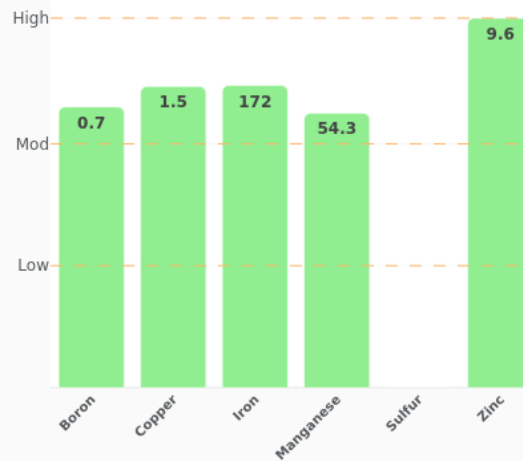
\* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

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.

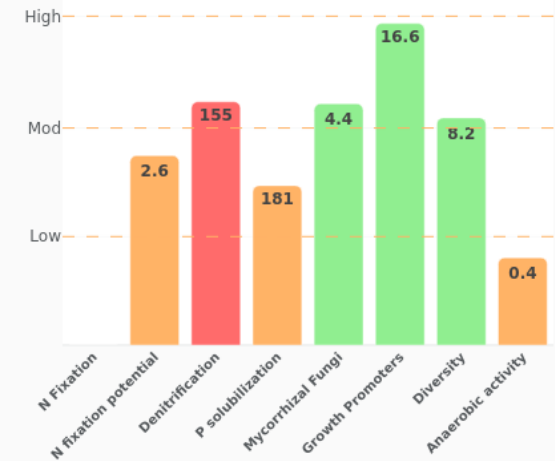
### Macronutrients



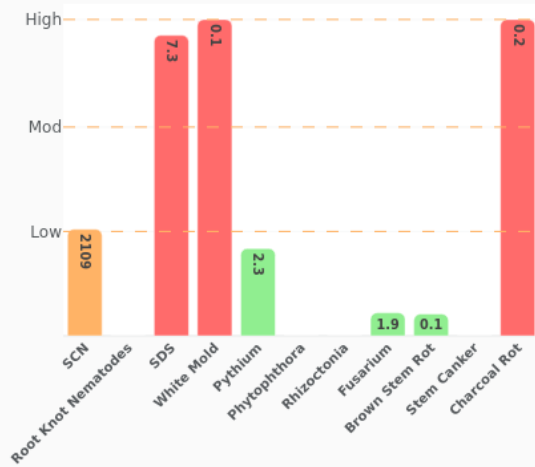
### Micronutrients



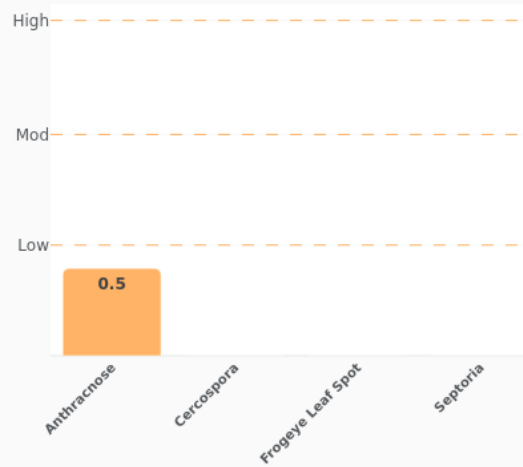
### Biofertility Analytics



### 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 North [ ILNO ]

### All-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
AgVenture	AV24A1E	E3	PK	2.4	Treated
AgVenture	AV28B2E	E3	M	2.8	CMB-APX,IL
AgVenture	AV 29A1E	E3	M	2.9	CMB-APX,IL
AgVenture	AV30B2E	E3	M	3.0	CMB-APX,IL
AgVenture	AV31C3E	E3	M	3.1	Lum, LumT, IL
AgVenture	AV32B2E	E3	M	3.2	CMB-APX,IL
Apex	AE2860	E3	M	2.8	PU,Sa
Apex	AE3150	E3	M	3.1	PU,Sa
Burrus	2588E	E3	M	2.5	BPS-SDS
Burrus	2729E	E3	PK	2.7	BPS-SDS
Burrus	2916E	E3	M	2.9	BPS-SDS
Burrus	3249F	RXF	PK	3.2	BPS-SDS
Burrus	3287E	E3	M	3.2	BPS-SDS
Cornelius	CB24XF75	RXF	M	2.4	PG+
Cornelius	CB27XF17	RXF	M	2.7	PG+
Cornelius	CB29XF85	RXF	M	2.9	PG+
DONMARIO	DM24E84	E3	M	2.4	CMB-APX,SA
DONMARIO	DM33E55	E3	M	3.3	CMB-APX,SA
FS HiSOY	HS 24F40	RXF	M	2.4	ACi,SA
FS HiSOY	HS 25E30	E3	PK	2.5	ACi,SA
FS HiSOY	HS 26E50	E3	PK	2.6	ACi,SA
FS HiSOY	HS 26F50	RXF	M	2.6	ACi,SA
FS HiSOY	HS 28E50	E3	M	2.8	ACi,SA
FS HiSOY	HS 29F50	RXF	M	2.9	ACi,SA
FS HiSOY	HS 30E40	E3,ST	M	3.0	ACi,SA
FS HiSOY	HS 33E50	E3	M	3.3	ACi,SA
Genesis	G2570ES	E3,ST	M	2.5	EcTC,SA
Genesis	G2790E	E3	PK	2.7	EcTC,SA
Genesis	G2900E	E3	M	2.9	EcTC,SA
Genesis	G3171ES	E3,ST	M	3.1	EcTC,SA
Loyal	L2770E	E3	PK	2.7	Treated
Monier	ME260	E3	M	2.6	D,Sa
Monier	ME30	E3	M	3.0	D,Sa
NuTech	25N05E	E3	PK	2.5	Lum, LumT, IL
NuTech	28N03E	E3	M	2.8	Lum, LumT, IL
NuTech	28N05E	E3	M	2.8	Lum, LumT, IL

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
NuTech	29N05E	E3	PK	2.9	Lum, LumT, IL
NuTech	30N06E	E3	M	3.0	Lum, LumT, IL
NuTech	32N05E	E3	M	3.2	Lum, LumT, IL
P3 Genetics	2424E	E3	M	2.4	PG+
P3 Genetics	2429E	E3	M	2.9	PG+
P3 Genetics	2626E	E3	PK	2.6	PG+
P3 Genetics	2631E	E3	PK	3.1	PG+
Pioneer	P33Z17E	E3	M	3.3	Lum, LumT, IL
ProHarvest	35E52	E3	M	3.3	PU
Renk	RS266E	E3	M	2.6	F,I,B,NE
Titan Pro	TP 28E25	E3	M	2.8	CMB-APX,SA
Xitavo	XO 2556E	E3	PK	2.5	PV,IL,OB,Rey
Xitavo	XO 2865E	E3	M	2.8	PV,IL,OB,Rey
Xitavo	XO 2926E	E3	M	2.9	PV,IL,OB,Rey
Xitavo	XO 3014E	E3	M	3.0	PV,IL,OB,Rey
Xitavo	XO 3105E	E3	M	3.1	PV,IL,OB,Rey
Xitavo	XO 3224E	E3	PK	3.2	PV,IL,OB,Rey
Xitavo	XO 3375E	E3	M	3.3	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

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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

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S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

### Soybeans Technologies

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E3	Enlist E3®
RXF	XtendFlex®
ST	Sulfonylurea tolerant

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### Soybeans Seed Treatments\*

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NA	Not Available
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®
D,Sa	Duo, Saltro
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro®
F,I,B,NE	Fungicide, Insecticide, Biological, Nematicide
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PG+	Profit Guard +
PU	Protect Ultra
PU,Sa	Protect Ultra, Saltro
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
Treated	Treated, unspecified

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\* Seed treatments may include unspecified plant health promoting components.