

Test by: NewVenture, LLC Ellendale, MN

2025 Soybeans Top 30 Harvest Report

Iowa North [IANO] LU VERNE, IA

Bob Plathe, Kossuth County, IA 50560

All-Season Test	Maturity Group 1.6 - 2.5 S2025IANO03
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Impact, Atrazine, Harness
SOIL DESCRIPTION:	Clarion loam, mod. well drained, non-irrigated
SOIL CONDITION:	6.96 pH, 5.78% OM, 23.97 CEC, high P, high K, low S, high B, high Zn
TILLAGE/CULTIVATION:	Conventional W/O Fall Till
PEST MANAGEMENT:	Ledger, Prowl, Glufosinate, Glyphosate, Enlist, Xylem Plus
FERTILITY - Other:	2 Ton Chicken Litter
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 11 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 7 125.2 /A
PEST & DISEASE RISK:	SCN, SDS, Fusarium, Stem Canker, Brown Stem Rot, Cercospora Blight of Soybean*

TEST COMMENTS:

The Lu Verne site started off the season with good planting conditions, and rain came steadily after it was in the ground. These rains delayed the post-application of herbicide, which allowed some waterhemp to escape. A second spot spray of Enlist on the E3 varieties, coupled with manual weeding of the plot, got weed pressure back under control. A late-July application of fungicide was completed to control some leaf spot that came on as a result of the frequent rains. Thank you to Bob Plathe for hosting this plot.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	21N09E ↗	E3	2.1	PK	67.3	10.5	0	126.0	646	1
Pioneer	P17Z39E GC ↗	E3	1.7	PK	67.2	9.9	0	125.3	645	2
Xitavo	XO 2366E ↗	E3	2.3	M	65.7	11.4	0	124.7	631	3
NuTech	20N06E ↗	E3	2.0	M	65.2	10.8	2	123.0	626	4
Genesis	G2300E ↗	E3	2.3	M	64.9	11.7	1	125.7	623	5
FS HiSOY	HS 20E40 ↗	E3	2.0	M	63.6	12.5	3	125.7	611	6
Genesis	G1980E ↗	E3	1.9	PK	62.6	10.1	0	124.0	601	7
NuTech	22N04E ↗	E3	2.2	PK	62.4	9.8	0	125.7	599	8
NuTech	25N05E ↗	E3	2.5	PK	62.3	10.5	0	125.7	598	9
Apex	AE2560 ↗	E3	2.5	PK	61.8	10.1	0	125.7	593	10
Jacobsen	J2295E3 ↗	E3	2.2	M	60.7	10.4	0	125.7	583	11
Apex	AE2360 ↗	E3	2.3	M	60.6	11.3	0	124.7	582	12
Jacobsen	J2644E3 ↗	E3	2.5	M	60.0	10.0	1	125.7	576	13
FS HiSOY	HS 23E40 ↗	E3	2.3	PK	59.8	10.7	0	126.0	574	14
Xitavo	XO 1776E ↗	E3	1.7	M	59.6	10.9	1	125.3	572	15
Genesis	G1760E ↗	E3	1.7	M	59.6	11.9	3	125.3	572	16
Genesis	G2090E ↗	E3	2.0	PK	59.3	11.3	0	125.5	569	17
Xitavo	XO 1986E ↗	E3	1.9	M	58.7	10.7	1	125.7	564	18
P3 Genetics	2523E ↗	E3	2.3	PK	58.5	11.4	0	125.3	562	19
NuTech	17N02E ↗	E3	1.7	PK	58.1	10.2	0	125.7	558	20
P3 Genetics	2419E ↗	E3	1.9	PK	57.8	10.5	0	125.3	555	21
Loyal	L2370E ↗	E3	2.3	PK	57.5	10.2	0	125.7	552	22
P3 Genetics	2218E ↗	E3	1.8	M	56.7	11.2	3	125.0	544	23
FS HiSOY	HS 18F40 ↗	RXF	1.8	M	56.7	10.1	0	120.3	544	24
Xitavo	XO 2556E ↗	E3	2.5	PK	56.7	10.4	0	126.0	544	25
Dak-Sota	DE5617 GC ↗	E3	1.7	M	56.5	12.0	1	125.3	542	26
Loyal	L1860E ↗	E3	1.8	PK	56.4	10.6	0	125.7	541	27
Pioneer	P21Z71E GC ↗	E3	2.1	PK	56.0	10.5	0	125.7	538	28
Genesis	G1690E ↗	E3	1.6	M	56.0	11.9	0	124.7	538	29
Alloy	A21E34 GC ↗	E3	2.1	M	56.0	13.2	0	125.3	537	30

Averages = **57.2** **11.0** **1** **125.2** **547**

LSD (0.10) = 6.1 ns 1

LSD (0.25) = 3.2 ns 1

C.V. = 10.1

Ed Dahle

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Historic yield: 62.4 bu/a, 8 yr(s)

Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.035

Prices: GMO = \$9.60

Report Date: 10/07/2025

Additional reports available at www.firstseedtests.com

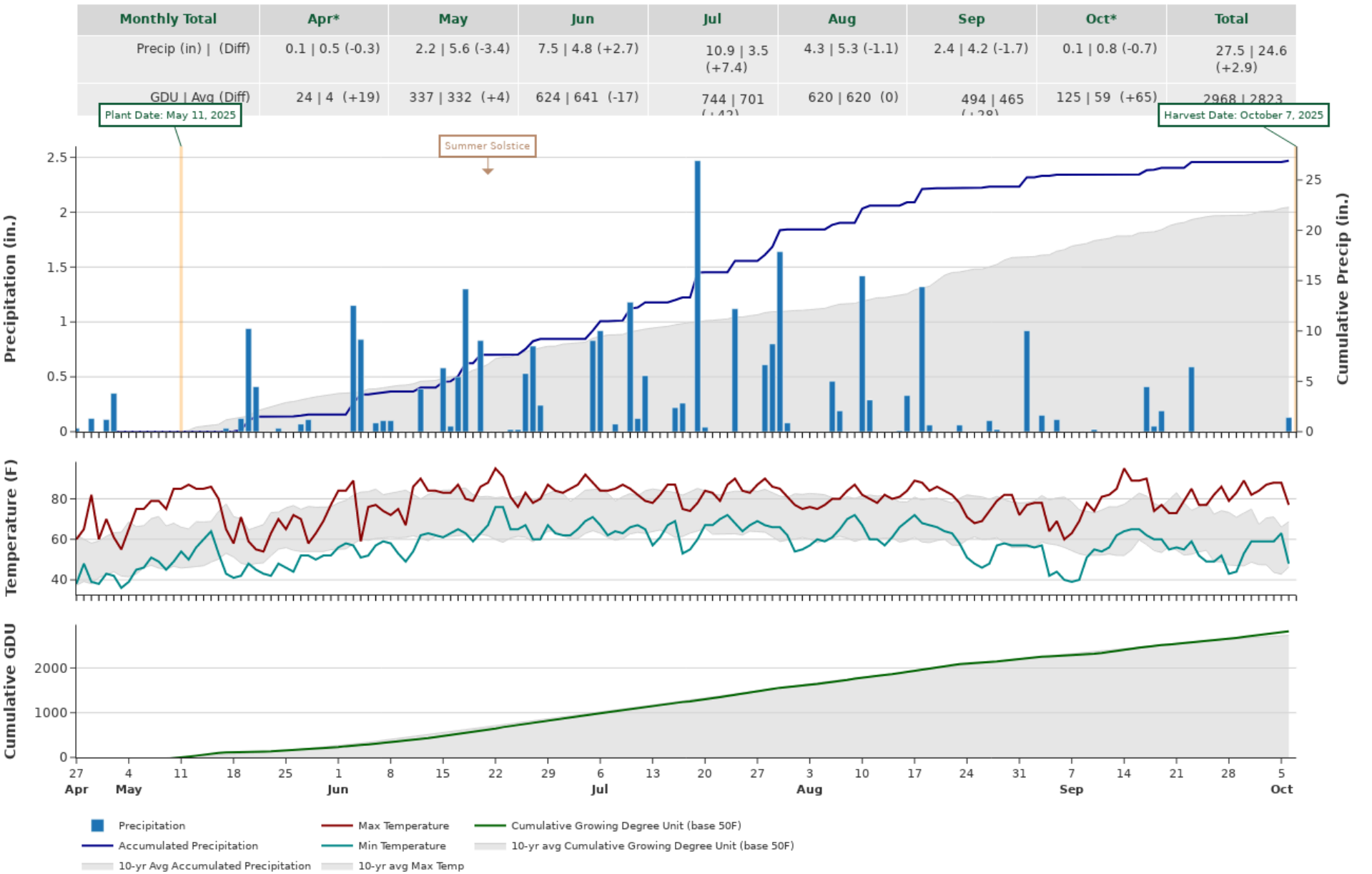
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly 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 - Iowa North [IANO]

Weather Conditions Summary at LU VERNE, IA

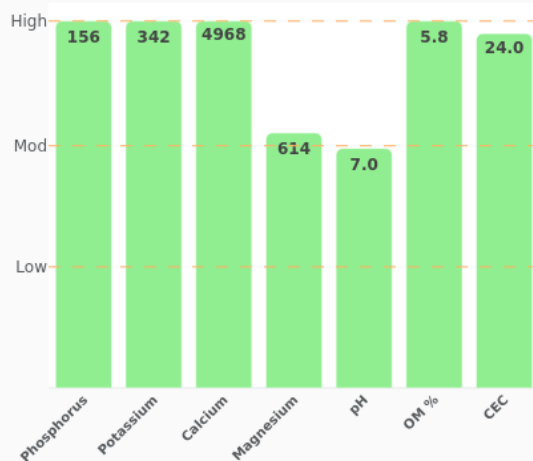
Weather Data Retrieved: 10/07/2025



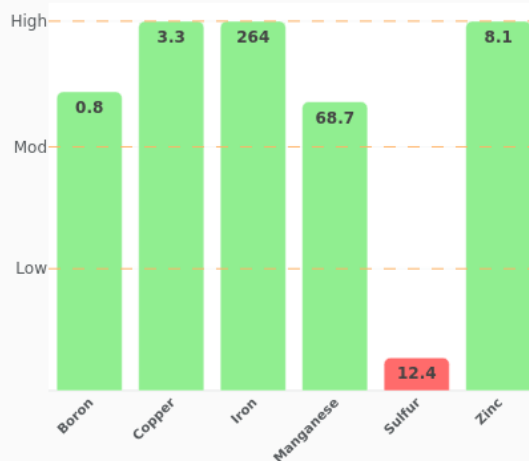
* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

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.

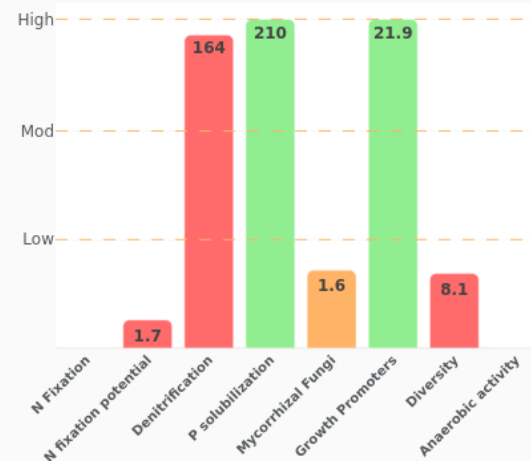
Macronutrients



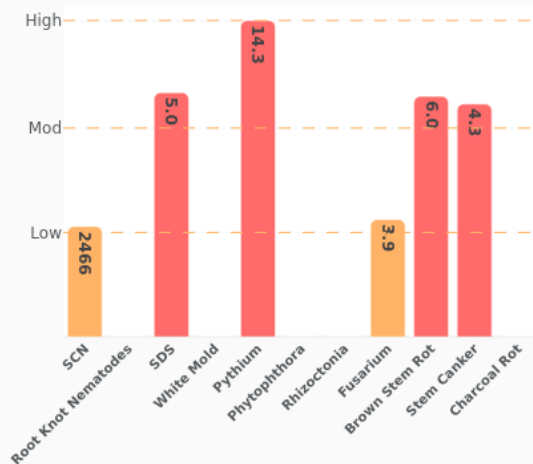
Micronutrients



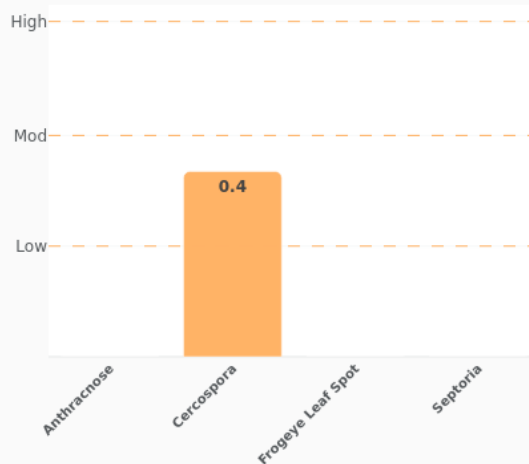
Biofertility Analytics



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 - Iowa North [IANO]

All-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Alloy	A21E34	E3	M	2.1	ACi,IL
Apex	AE1960	E3	M	1.9	CMB-APX,SA
Apex	AE2050	E3	PK	2.0	CMB-APX,SA
Apex	AE2360	E3	M	2.3	CMB-APX,SA
Apex	AE2560	E3	PK	2.5	CMB-APX,SA
Dak-Sota	DE5617	E3	M	1.7	TFI
FS HiSOY	HS 18E30	E3	PK	1.8	ACi,SA
FS HiSOY	HS 18F40	RXF	M	1.8	ACi,SA
FS HiSOY	HS 20E40	E3	M	2.0	ACi,SA
FS HiSOY	HS 22F40	RXF	M	2.2	ACi,SA
FS HiSOY	HS 23E40	E3	PK	2.3	ACi,SA
FS HiSOY	HS 24F40	RXF	M	2.4	ACi,SA
FS HiSOY	HS 25E30	E3	PK	2.5	ACi,SA
Genesis	G1690E	E3	M	1.6	EcTC
Genesis	G1760E	E3	M	1.7	EcTC
Genesis	G1980E	E3	PK	1.9	EcTC
Genesis	G2090E	E3	PK	2.0	EcTC,SA
Genesis	G2300E	E3	M	2.3	EcTC,SA
Genesis	G2480E	E3	M	2.4	EcTC,SA
Genesis	G2570ES	E3,ST	M	2.5	EcTC,SA
Jacobsen	J1685E3	E3	M	1.6	CMB-APX,SA
Jacobsen	J1942E3	E3	PK	1.9	ACi,IL
Jacobsen	J2295E3	E3	M	2.2	Treated
Jacobsen	J2324E3	E3	PK	2.3	F,I
Jacobsen	J2473E3	E3	M	2.4	Treated
Jacobsen	J2644E3	E3	M	2.5	F,I
Loyal	L1860E	E3	PK	1.8	Treated
Loyal	L2070E	E3	PK	2.0	Treated
Loyal	L2370E	E3	PK	2.3	Treated
NuTech	17N02E	E3	PK	1.7	Lum, LumT, IL
NuTech	20N06E	E3	M	2.0	Lum, LumT, IL
NuTech	21N09E	E3	PK	2.1	Lum, LumT, IL
NuTech	22N04E	E3	PK	2.2	Lum, LumT, IL
NuTech	25N05E	E3	PK	2.5	Lum, LumT, IL
P3 Genetics	2218E	E3	M	1.8	PG+
P3 Genetics	2419E	E3	PK	1.9	PG+

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
P3 Genetics	2520E	E3	PK	2.0	PG+
P3 Genetics	2523E	E3	PK	2.3	PG+
Pioneer	P17Z39E	E3	PK	1.7	Untreated
Pioneer	P21Z71E	E3	PK	2.1	Untreated
Stine	22EG02	E3	M	2.2	SFI
Thunder	TX8618N	RXF	M	1.8	TFI
Xitavo	XO 1776E	E3	M	1.7	PV,IL,OB,Rey
Xitavo	XO 1986E	E3	M	1.9	PV,IL,OB,Rey
Xitavo	XO 2075E	E3	PK	2.0	PV,IL,OB,Rey
Xitavo	XO 2206E	E3	M	2.2	PV,IL,OB,Rey
Xitavo	XO 2366E	E3	M	2.3	PV,IL,OB,Rey
Xitavo	XO 2556E	E3	PK	2.5	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,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ACi,SA	Acceleron® Standard Insecticide-Fungicide, Saltro®
CMB-APX,SA	CruiserMaxx® APX with Saltro®
EcTC	Eclipse US Total Coverage Trio IM, N-Force
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro®
F,I	Fungicide, Insecticide
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PG+	Profit Guard +
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
SFI	Stine XP F&I
TFI	ThunderStruck F&I (Thunder Seed Inc.)
Treated	Treated, unspecified
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.