

Test by: NewVenture, LLC Ellendale, MN

2025 Soybeans Top 30 Harvest Report

Iowa North Central [IANC] MOORLAND, IA

Jeff Loehr, Webster County, IA 50566

All-Season Test	Maturity Group 2.1 - 2.9 S2025IANC01
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Impact, Atrazine
SOIL DESCRIPTION:	Nicollet clay loam, moderately drained, non-irrigated
SOIL CONDITION:	6.5 pH, 8.0% OM, 25.04 CEC, high P, high K, low S, high B, high Zn
TILLAGE/CULTIVATION:	Minimum W/ Fall Till
PEST MANAGEMENT:	Perpetuo, Roundup Powermax, Glufosinate, Select
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 7 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 5 124.5 /A
PEST & DISEASE RISK:	SDS, Fusarium, Stem Canker, Brown Stem Rot*

TEST COMMENTS:

This plot was planted into good soil moisture and saw perfect conditions for emergence. Stands were excellent and plants stayed upright into harvest. Very little disease or insect pressure was noticed in this plot and timely rains were seen through the growing season. Consistent performance across the board with only a 12/bpa difference separating the top and bottom performers. Thank you to Jeff Loehr for hosting this plot.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Pioneer	P21Z71E GC ↗	E3	2.1	PK	72.9	7.7	0	124.7	700	1
NuTech	25N05E ↗	E3	2.5	PK	72.3	7.3	0	124.0	694	2
Renk	RS266E ↗	E3	2.6	M	71.6	7.9	0	121.0	687	3
Apex	AE2360 ↗	E3	2.3	M	71.6	7.9	6	121.7	687	4
P3 Genetics	2623E ↗	E3	2.3	M	71.4	8.2	5	126.0	685	5
NuTech	21N09E ↗	E3	2.1	PK	70.7	8.3	0	126.0	679	6
P3 Genetics	2424E ↗	E3	2.4	M	70.6	7.4	1	126.0	678	7
Genesis	G2480E ↗	E3	2.4	M	70.3	8.0	0	124.7	675	8
Genesis	G2900E ↗	E3	2.9	M	70.3	9.2	6	126.0	675	9
Jacobsen	J2644E3 ↗	E3	2.5	M	70.0	9.0	1	126.0	672	10
Xitavo	XO 2926E ↗	E3	2.9	M	69.7	7.9	0	125.0	669	11
Stine	24EH32 GC ↗	E3	2.4	MR	69.2	8.7	0	126.0	664	12
Monier	ME230 ↗	E3	2.3	M	69.1	8.3	3	126.0	663	13
Genesis	G2300E ↗	E3	2.3	M	69.1	8.5	0	124.0	663	14
FS HiSOY	HS 29F50 ↗	RXF	2.9	M	68.8	7.3	0	126.0	660	15
P3 Genetics	2626E ↗	E3	2.6	PK	68.7	7.4	0	122.7	660	16
FS HiSOY	HS 26E50 ↗	E3	2.6	PK	68.6	7.8	0	126.0	659	17
Xitavo	XO 2366E ↗	E3	2.3	M	68.5	8.0	4	124.0	658	18
Jacobsen	J2473E3 ↗	E3	2.4	M	68.2	7.8	0	126.0	655	19
FS HiSOY	HS 25E30 ↗	E3	2.5	PK	68.0	7.8	1	126.0	653	20
Alloy	A23E36 GC ↗	E3	2.3	M	67.9	8.9	3	120.7	652	21
Titan Pro	TP 28E25 ↗	E3	2.8	M	67.8	7.6	0	126.0	651	22
FS HiSOY	HS 28F30 ↗	RXF	2.8	M	67.7	8.3	0	126.0	650	23
Fortus	2445E ↗	E3	2.4	M	67.4	7.9	2	126.0	647	24
NuTech	29N05E ↗	E3	2.9	PK	66.8	7.6	0	124.0	641	25
Stine	22EG02 GC ↗	E3	2.2	M	66.5	8.0	2	122.7	638	26
Hoegemeyer	2876 E ↗	E3	2.8	M	66.4	7.8	0	123.3	637	27
Genesis	G2790E ↗	E3	2.7	PK	66.4	7.7	2	126.0	637	28
FS HiSOY	HS 24F40 ↗	RXF	2.4	M	66.4	7.8	0	124.0	637	29
Apex	AE2560 ↗	E3	2.5	PK	66.2	9.1	0	123.3	636	30

Averages = **67.0** **8.1** **1** **124.5** **643**

LSD (0.10) = 4.1 ns 3

LSD (0.25) = 2.1 ns 1

C.V. = 5.8

Historic yield: 56.64 bu/a, 13 yr(s)

Ed Dahle

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Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.035

Prices: GMO = \$9.60

Report Date: 10/05/2025

Additional reports available at www.firstseedtests.com

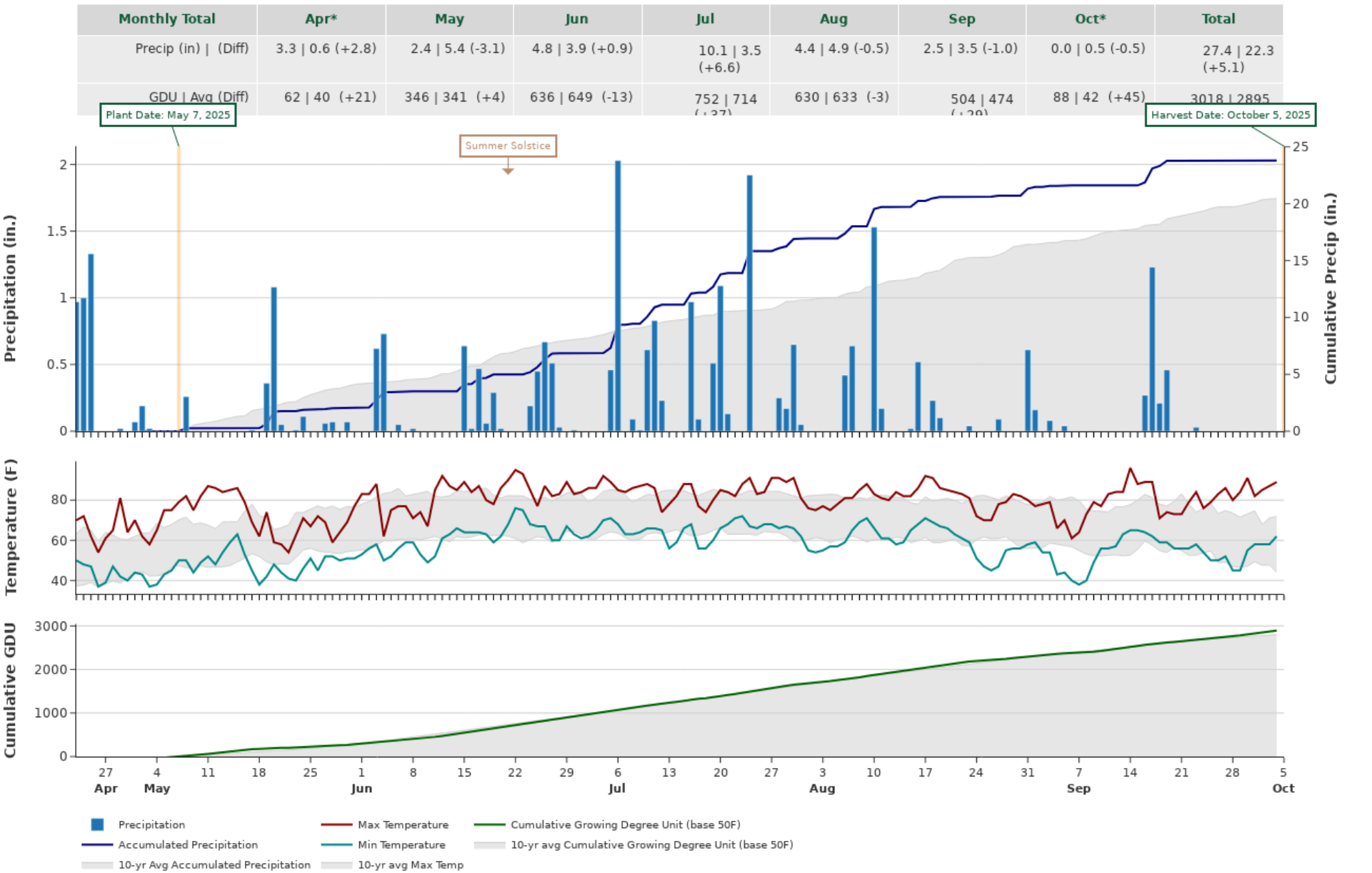
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly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

Weather Conditions Summary at MOORLAND, IA

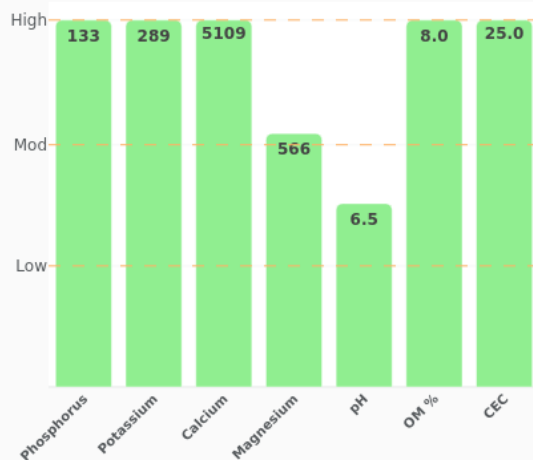
Weather Data Retrieved: 10/05/2025



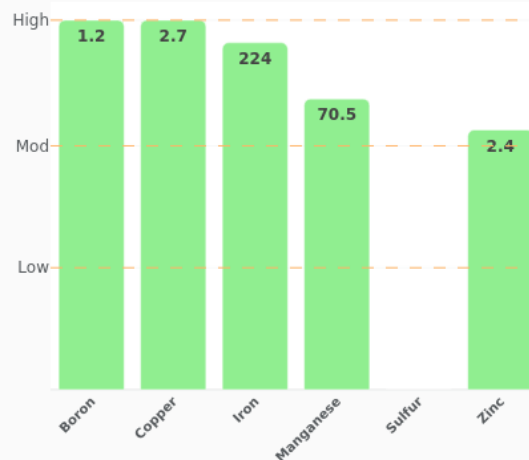
* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

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.

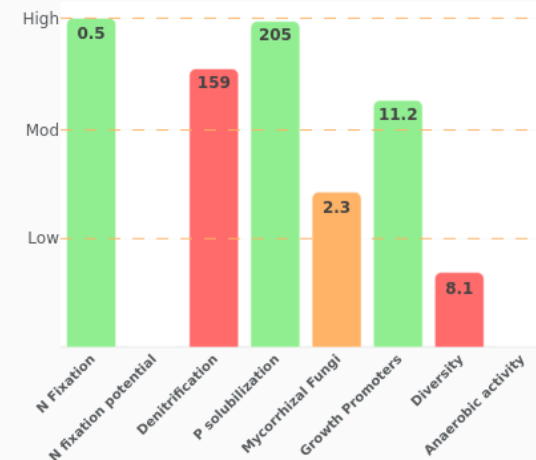
Macronutrients



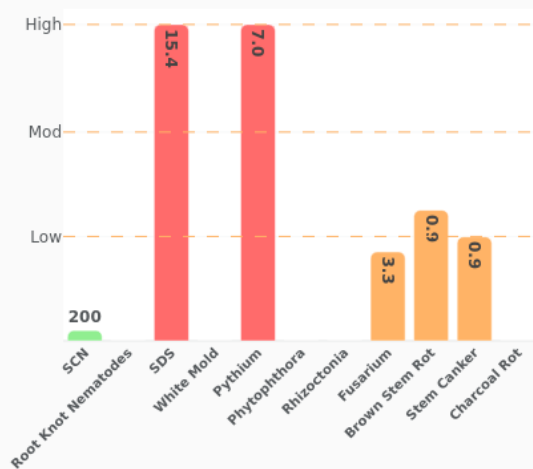
Micronutrients



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 Central [IANC]

All-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Alloy	A21E34	E3	M	2.1	ACi,IL
Alloy	A23E36	E3	M	2.3	ACi,IL
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
Cornelius	CB24XF75	RXF	M	2.4	PG+
Cornelius	CB27XF17	RXF	M	2.7	PG+
Fortus	2445E	E3	M	2.4	ACi,SU
Fortus	2775ES	E3,ST	PK	2.7	ACi,SU
Fortus	2846ES	E3,ST	M	2.8	ACi,SU
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
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 28F30	RXF	M	2.8	ACi,SA
FS HiSOY	HS 29F50	RXF	M	2.9	ACi,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
Genesis	G2790E	E3	PK	2.7	EcTC,SA
Genesis	G2900E	E3	M	2.9	EcTC,SA
Hoegemeyer	2876 E	E3	M	2.8	Lum, LumT, 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
Monier	ME230	E3	M	2.3	D,Sa
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
NuTech	28N03E	E3	M	2.8	Lum, LumT, IL
NuTech	28N05E	E3	M	2.8	Lum, LumT, IL
NuTech	29N05E	E3	PK	2.9	Lum, LumT, IL
P3 Genetics	2424E	E3	M	2.4	PG+

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
P3 Genetics	2623E	E3	M	2.3	PG+
P3 Genetics	2626E	E3	PK	2.6	PG+
Pioneer	P21Z71E	E3	PK	2.1	Untreated
Renk	RS266E	E3	M	2.6	F,I,B,NE
Stine	22EG02	E3	M	2.2	SFI
Stine	24EH32	E3	MR	2.4	SFI
Titan Pro	TP 28E25	E3	M	2.8	CMB-APX,SA
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
Xitavo	XO 2865E	E3	M	2.8	PV,IL,OB,Rey
Xitavo	XO 2926E	E3	M	2.9	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®
ACi,SU	Acceleron® Standard Insecticide-Fungicide, StepUp
CMB-APX,SA	CruiserMaxx® APX with Saltro®
D,Sa	Duo, Saltro
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro®
F,I	Fungicide, Insecticide
F,I,B,NE	Fungicide, Insecticide, Biological, Nematicide
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PG+	Profit Guard +
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
SFI	Stine XP F&I
Treated	Treated, unspecified
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.