

Test by: NewVenture, LLC Ellendale, MN

2025 Soybeans Top 30 Harvest Report

Iowa North [IANO] NEW HAMPTON, IA

Matt Bruening, Chickasaw County, IA

All-Season Test	Maturity Group 1.6 - 2.5 S2025IANO02
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Keystone Nxt, Roundup
SOIL DESCRIPTION:	Readlyn silt loam, moderately drained, non-irrigated
SOIL CONDITION:	6.71 pH, 5.95% OM, 7.56 CEC, high P, medium K, low S, mod. B, high Zn
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Glufosinate, Roundup, Quilt, Bifenthrin, Ridgeback
FERTILITY - Other:	7 Planter, 7 Foliar Rescue, 1.8lbs S, .1lbs Fe, .05lbs Mn, .05lbs Zn
Applied N-P-K (units):	14-0-0
SEDED - RATE - ROW:	May 10 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 12 124.0 /A
PEST & DISEASE RISK:	SDS, Stem Canker, Brown Stem Rot*

TEST COMMENTS:

This no-till plot had strong performance from start to finish, with the yield average coming in well above the historical average. The plants were varied in height and had some higher lodging scores, but this did not appear to be associated with differences in final yield. Thanks to Matt 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	20N06E ↗	E3	2.0	M	71.7	8.9	7	124.0	688	1
Apex	AE2360 ↗	E3	2.3	M	71.6	8.8	1	124.7	687	2
Jacobsen	J2644E3 ↗	E3	2.5	M	69.6	8.9	7	124.0	668	3
Pioneer	P21Z71E GC ↗	E3	2.1	PK	68.5	9.0	1	124.7	658	4
NuTech	21N09E ↗	E3	2.1	PK	68.0	9.0	0	126.0	653	5
Genesis	G2300E ↗	E3	2.3	M	67.9	9.1	4	126.0	652	6
Xitavo	XO 1776E ↗	E3	1.7	M	67.7	9.0	2	126.0	650	7
Jacobsen	J2295E3 ↗	E3	2.2	M	67.7	9.3	2	124.7	650	8
NuTech	17N02E ↗	E3	1.7	PK	66.1	9.3	1	124.7	635	9
Stine	22EG02 GC ↗	E3	2.2	M	66.1	8.9	2	122.7	635	10
Xitavo	XO 2366E ↗	E3	2.3	M	66.0	9.0	5	124.0	634	11
Apex	AE2050 ↗	E3	2.0	PK	65.7	8.9	2	124.7	631	12
FS HiSOY	HS 24F40 ↗	RXF	2.4	M	65.7	9.2	0	124.0	631	13
FS HiSOY	HS 25E30 ↗	E3	2.5	PK	65.3	8.8	1	126.0	627	14
FS HiSOY	HS 22F40 ↗	RXF	2.2	M	65.3	9.4	1	124.0	627	15
P3 Genetics	2520E ↗	E3	2.0	PK	65.0	9.0	0	126.0	624	16
Xitavo	XO 2075E ↗	E3	2.0	PK	64.9	9.1	1	124.0	623	17
FS HiSOY	HS 18F40 ↗	RXF	1.8	M	64.8	9.9	1	126.0	622	18
Jacobsen	J1942E3 ↗	E3	1.9	PK	64.6	9.3	0	120.7	620	19
Apex	AE2560 ↗	E3	2.5	PK	64.2	9.2	0	124.7	616	20
Thunder	TX8618N GC ↗	RXF	1.8	M	63.9	8.7	0	122.7	613	21
Jacobsen	J2473E3 ↗	E3	2.4	M	63.7	8.9	2	123.3	612	22
Genesis	G2090E ↗	E3	2.0	PK	63.6	9.1	0	122.7	611	23
NuTech	22N04E ↗	E3	2.2	PK	63.5	8.7	1	126.0	610	24
Loyal	L2370E ↗	E3	2.3	PK	63.2	9.0	2	124.7	607	25
NuTech	25N05E ↗	E3	2.5	PK	63.1	8.6	1	126.0	606	26
Genesis	G2570ES ↗	E3,ST	2.5	M	63.1	9.0	5	124.0	606	27
Jacobsen	J2324E3 ↗	E3	2.3	PK	63.1	9.1	0	126.0	606	28
FS HiSOY	HS 20E40 ↗	E3	2.0	M	63.0	9.2	3	126.0	605	29
Xitavo	XO 2556E ↗	E3	2.5	PK	62.9	8.8	0	124.0	604	30

Averages = **63.7** **9.1** **2** **124.0** **612**

LSD (0.10) = 3.6 ns 3

LSD (0.25) = 1.9 ns 1

C.V. = 5.4

Ed Dahle

ed.dahle@firstseedtests.com, (507) 456-6624

Historic yield: 56.57 bu/a, 23 yr(s)

Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.035

Prices: GMO = \$9.60

Report Date: 10/13/2025

Additional reports available at www.firstseedtests.com

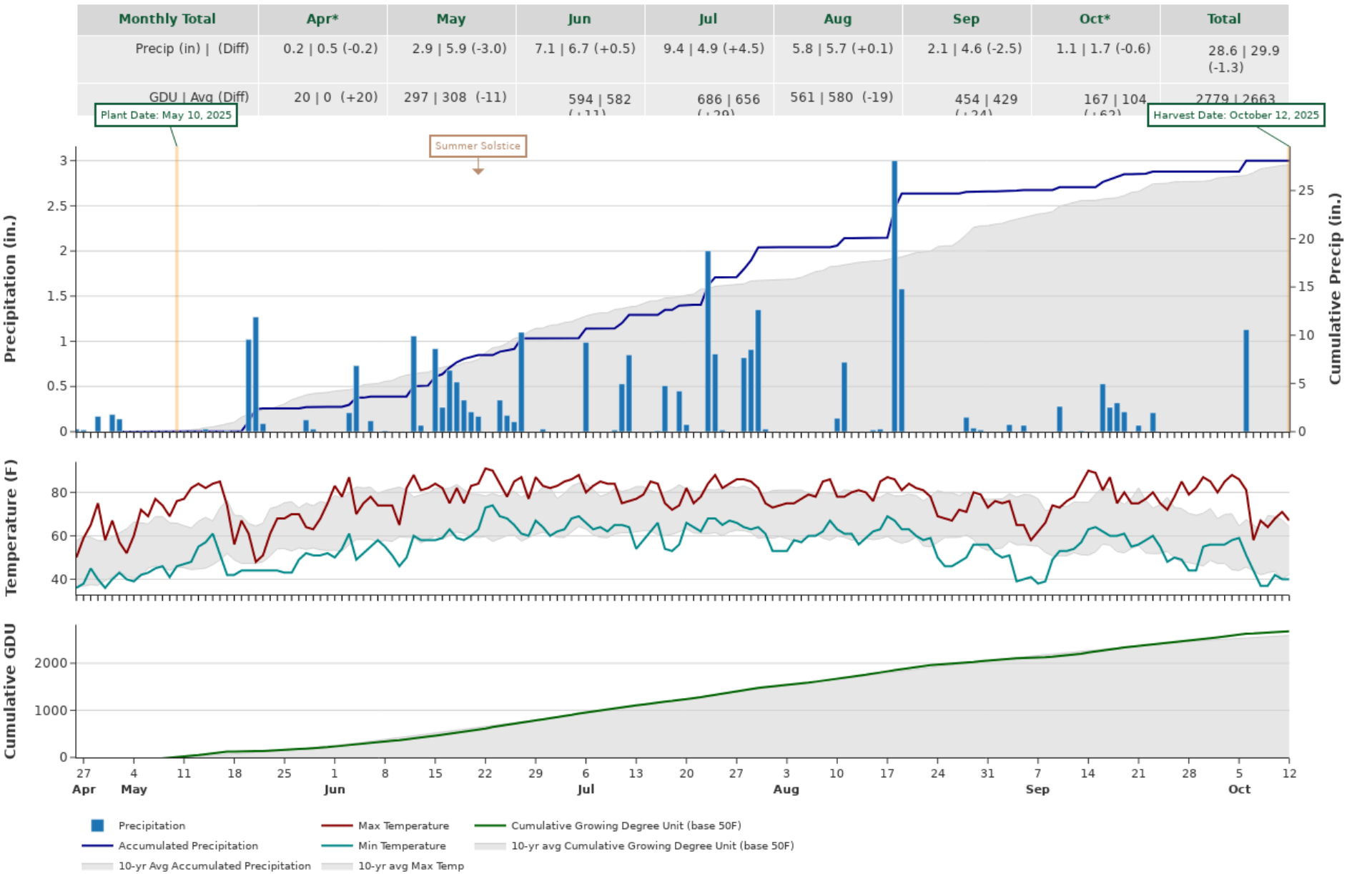
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly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

©2025, All rights reserved to Farmers' Independent Research of Seed Technologies, LLC.

2025 Soybeans - Iowa North [IANO]

Weather Conditions Summary at NEW HAMPTON, IA

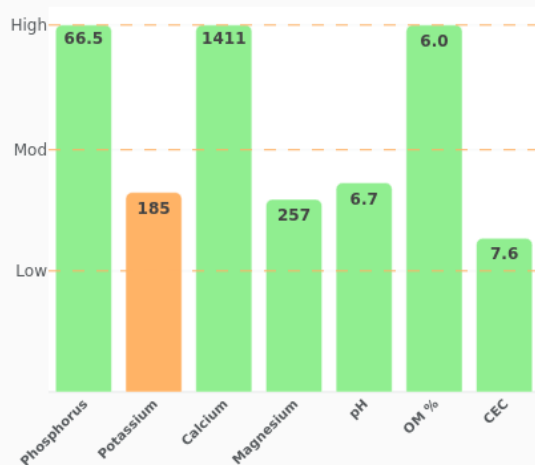
Weather Data Retrieved: 10/13/2025



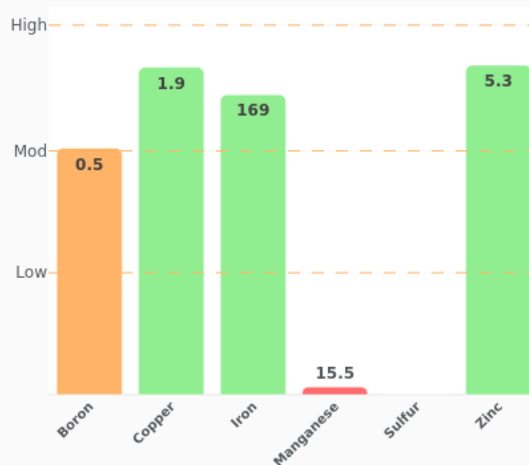
* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

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.

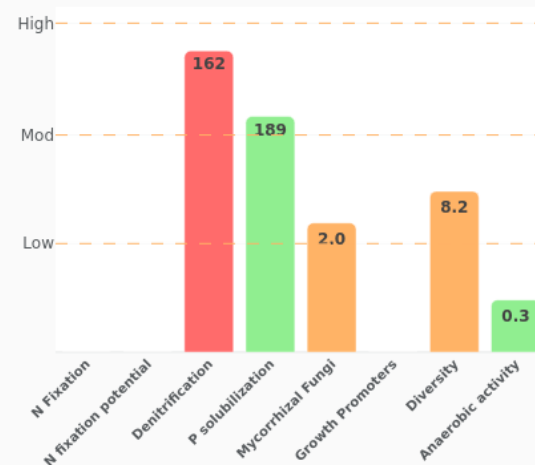
Macronutrients



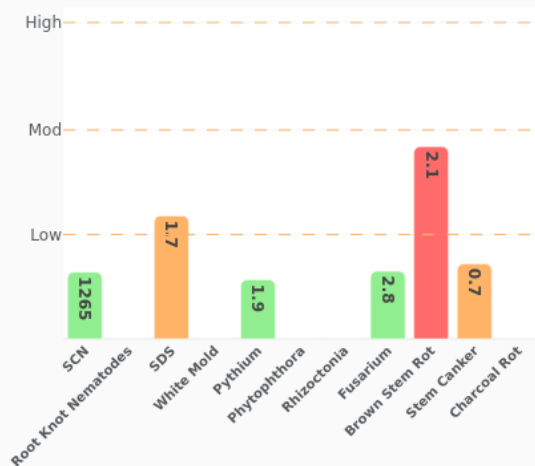
Micronutrients



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.