

Test by: Apex Custom Research Enterprises (ACRE)
Clearwater, NE

2025 Soybeans Top 30 Harvest Report

Iowa Northwest [IANW] HOSPERS, IA
Brent Kuiken, Sioux County, IA

All-Season Test	Maturity Group 1.6 - 2.5 S2025IANW01
Top 30 of 34	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Impact, Atrazine
SOIL DESCRIPTION:	Marcus silty clay loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	7.44 pH, 5.18% OM, 9.95 CEC, low P, low K, low S, high B, high Zn
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Roundup, Liberty, Section Three
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	Apr 24 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 9 132.4 /A
PEST & DISEASE RISK:	SCN*

TEST COMMENTS:

Compared to the other bean sites in the Northwest Iowa region, this location was planted early. Planting did pose some challenges with planter equipment changes, which resulted some uneven and wider alleys. This also opened up the trial for a few weed escapes. While this was a high-yielding trial overall, some variability is present from the challenges the plot faced.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Cornelius	CB20XF39 ↗	RXF	2.0	M	81.5	10.8	0	129.7	784	1
FS HISOY	HS 22F40 ↗	RXF	2.2	M	79.4	10.5	0	132.3	764	2
Cornelius	CB22XF52 ↗	RXF	2.2	M	79.1	11.0	0	134.3	761	3
P3 Genetics	2520E ↗	E3	2.0	PK	76.6	11.4	0	137.0	737	4
FS HISOY	HS 20E40 ↗	E3	2.0	M	75.4	9.5	0	134.7	725	5
Fortus	2445E ↗	E3	2.4	M	75.2	11.3	0	130.0	723	6
Xitavo	XO 2206E ↗	E3	2.2	M	75.2	12.1	0	134.3	723	7
FS HISOY	HS 23E40 ↗	E3	2.3	PK	74.5	11.8	0	134.7	717	8
Cornelius	CB24XF75 ↗	RXF	2.4	M	74.2	11.4	0	130.3	714	9
Apex	AE2350 ↗	E3	2.3	PK	74.1	11.1	0	127.3	713	10
FS HiSOY	HS 24F40 ↗	RXF	2.4	M	73.8	9.7	0	126.0	710	11
Apex	AE2360 ↗	E3	2.3	M	73.3	9.3	0	125.0	705	12
Fortus	1895E ↗	E3	1.8	PK	72.7	10.0	0	127.3	699	13
FS HiSOY	HS 18E30 ↗	E3	1.8	PK	72.5	9.3	0	127.3	697	14
Xitavo	XO 2075E ↗	E3	2.0	PK	72.0	11.1	0	124.7	693	15
Apex	AE2560 ↗	E3	2.5	PK	71.6	9.7	3	127.3	689	16
FS HiSOY	HS 18F40 ↗	RXF	1.8	M	71.5	11.3	0	141.7	688	17
Xitavo	XO 2366E ↗	E3	2.3	M	70.0	11.2	0	137.0	673	18
Xitavo	XO 1776E ↗	E3	1.7	M	69.7	10.2	0	129.5	671	19
Xitavo	XO 2556E ↗	E3	2.5	PK	69.5	9.8	0	139.3	669	20
Hoegemeyer	2185 E ↗	E3	2.1	PK	69.2	11.7	0	134.3	666	21
Hoegemeyer	2056 E ↗	E3	2.0	PK	69.2	9.2	0	130.0	666	22
Fortus	2775ES GC ↗	E3,ST	2.7	PK	68.4	9.4	0	137.0	658	23
Pioneer	P27Z41E GC ↗	E3	2.7	M	68.0	9.6	1	139.3	654	24
Fortus	2846ES GC ↗	E3,ST	2.8	M	67.9	11.0	0	139.3	653	25
Fortus	2165E ↗	E3	2.1	M	65.4	10.4	0	133.5	629	26
Xitavo	XO 1986E ↗	E3	1.9	M	64.1	9.7	0	132.3	617	27
Fortus	2096E ↗	E3	2.0	PK	62.2	13.3	0	134.7	598	28
Jacobsen	J2295E3 ↗	E3	2.2	M	62.1	10.2	0	137.0	597	29
P3 Genetics	2218E ↗	E3	1.8	M	61.4	10.2	0	125.0	591	30



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Averages = **70.7** **10.7** **0** **132.4** **638**

LSD (0.10) = 7.6 ns ns

LSD (0.25) = 4.0 ns ns

C.V. = 10.1

Historic yield: new site

Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.026

Prices: GMO = \$9.62

Report Date: 10/10/2025

Additional reports available at www.firstseedtests.com

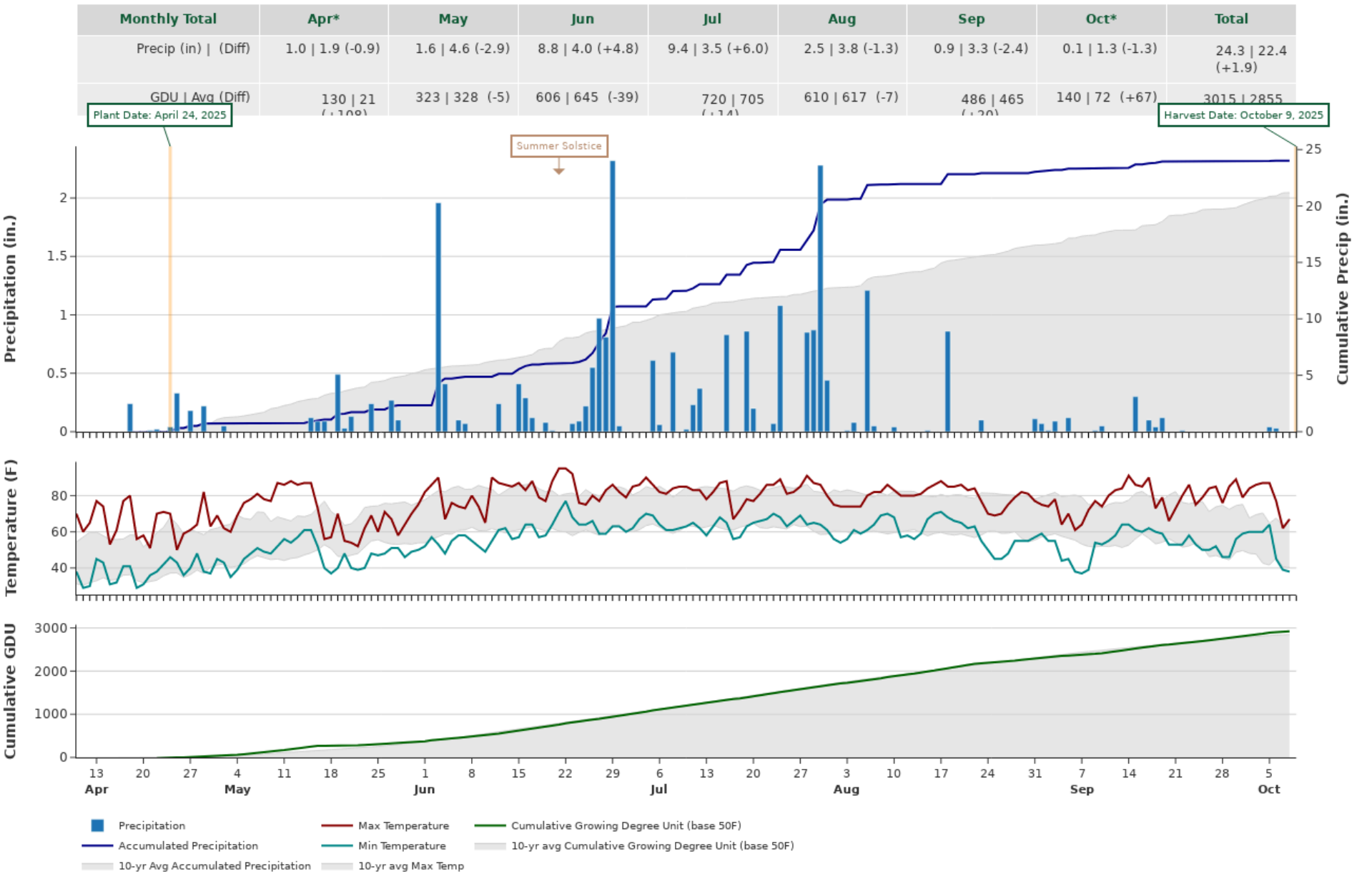
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly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

Weather Conditions Summary at HOSPERS, IA

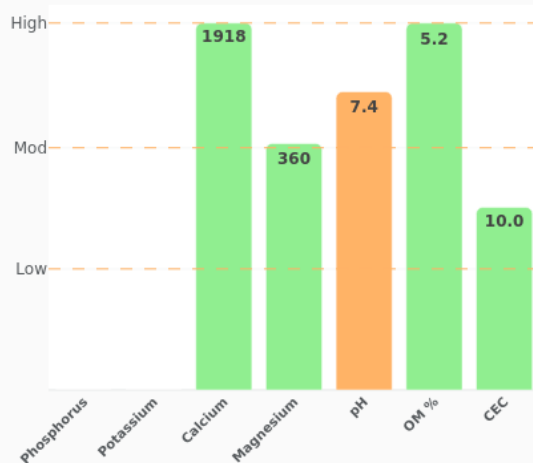
Weather Data Retrieved: 10/10/2025



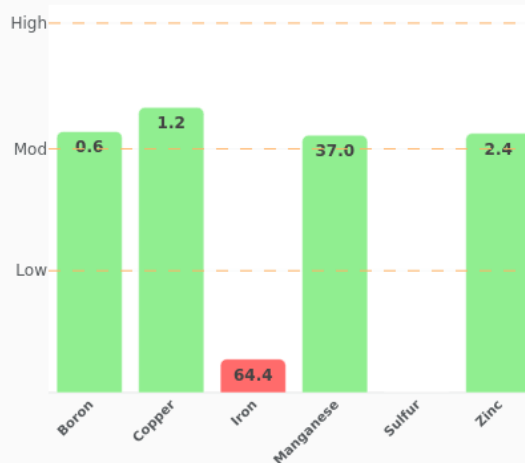
* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

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.

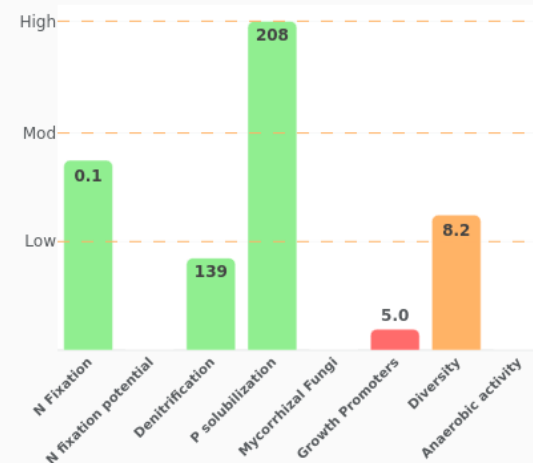
Macronutrients



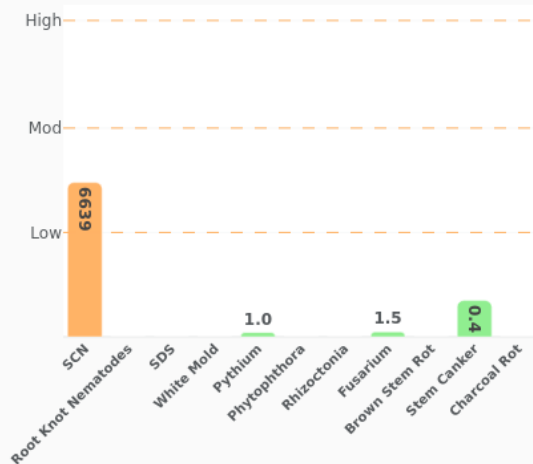
Micronutrients



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 Northwest [IANW]

All-Season Test Products (34 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2350	E3	PK	2.3	CMB-APX,SA
Apex	AE2360	E3	M	2.3	CMB-APX,SA
Apex	AE2560	E3	PK	2.5	CMB-APX,SA
Cornelius	CB20XF39	RXF	M	2.0	PG+
Cornelius	CB22XF52	RXF	M	2.2	PG+
Cornelius	CB24XF75	RXF	M	2.4	PG+
Fortus	1895E	E3	PK	1.8	ACi,SU
Fortus	2096E	E3	PK	2.0	ACi,SU
Fortus	2165E	E3	M	2.1	ACi,SU
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 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
Hoegemeyer	2056 E	E3	PK	2.0	Lum, LumT, IL
Hoegemeyer	2185 E	E3	PK	2.1	Lum, LumT, IL
Jacobsen	J2295E3	E3	M	2.2	Treated
Jacobsen	J2473E3	E3	M	2.4	Treated
P3 Genetics	2218E	E3	M	1.8	PG+
P3 Genetics	2419E	E3	PK	1.9	PG+
P3 Genetics	2520E	E3	PK	2.0	PG+
Pioneer	P27Z41E	E3	M	2.7	CMB-APX,SA
Pioneer	P28Z89E	E3	PK	2.8	CMB-APX,SA
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,SA	Acceleron® Standard Insecticide-Fungicide, Saltro®
ACi,SU	Acceleron® Standard Insecticide-Fungicide, StepUp
CMB-APX,SA	CruiserMaxx® APX with Saltro®
F,I	Fungicide, Insecticide
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PG+	Profit Guard +
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
Treated	Treated, unspecified

* Seed treatments may include unspecified plant health promoting components.