

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

## 2025 Soybeans Top 30 Harvest Report

Iowa Northwest [IANW] KINGSLEY, IA

Darin Sitzmann, Plymouth County, IA

<b>All-Season Test</b>	Maturity Group <b>1.6 - 2.5</b> S2025IANW04
<b>Top 29 of 34</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Roundup, Atrazine 4l, Keystone La Nxt, Resicore
<b>SOIL DESCRIPTION:</b>	Radford silty clay loam, mod. poorly drained, non-irrigated
<b>SOIL CONDITION:</b>	5.72 pH, 3.16% OM, 10.96 CEC, low P, low K, low S, mod. B, low Zn
<b>TILLAGE/CULTIVATION:</b>	No-Till
<b>PEST MANAGEMENT:</b>	Zidua Pro, Liberty, Roundup
<b>FERTILITY - Other:</b>	22 Fall, 28 Foliar Rescue, 149 lbs MESZ
<b>Applied N-P-K (units):</b>	50-59-283
<b>SEDED - RATE - ROW:</b>	Jun 12 155.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 7 145.4 /A
<b>PEST &amp; DISEASE RISK:</b>	Brown Stem Rot*

### TEST COMMENTS:

*In the scenic Loess hills near Kingsley Iowa, this bean site did not come without challenges. As with other sites in the region a misapplication of post-emergent herbicide terminated the initial planting of this trial. Arrangements were made to replant and this was accomplished in Mid June. A heavy population was planted to promote quick canopy closure. The yields of this trial are what one may expect in a replant scenario. Adequate precipitation and uniform emergence highlights the performance of this trial.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
P3 Genetics	2218E ↗	E3	1.8	M	<b>68.0</b>	13.1	0	132.0	654	1
Cornelius	CB22XF52 ↗	RXF	2.2	M	<b>67.4</b>	12.4	0	144.7	648	2
Apex	AE2360 ↗	E3	2.3	M	<b>67.2</b>	12.8	0	152.3	646	3
Apex	AE2560 ↗	E3	2.5	PK	<b>65.9</b>	12.7	0	147.0	634	4
Xitavo	XO 2366E ↗	E3	2.3	M	<b>65.3</b>	12.8	0	142.0	628	5
FS HiSOY	HS 18F40 ↗	RXF	1.8	M	<b>64.4</b>	12.4	0	137.0	620	6
Cornelius	CB20XF39 ↗	RXF	2.0	M	<b>64.2</b>	12.5	0	144.7	618	7
Xitavo	XO 2556E ↗	E3	2.5	PK	<b>64.1</b>	12.8	0	147.0	617	8
Pioneer	P28Z89E GC ↗	E3	2.8	PK	<b>63.6</b>	12.7	0	145.0	612	9
FS HiSOY	HS 18E30 ↗	E3	1.8	PK	<b>63.3</b>	12.9	0	149.7	609	10
FS HiSOY	HS 22F40 ↗	RXF	2.2	M	<b>63.2</b>	12.9	0	142.3	608	11
Hoegemeyer	2056 E ↗	E3	2.0	PK	<b>63.0</b>	12.9	0	152.3	606	12
Xitavo	XO 1776E ↗	E3	1.7	M	<b>62.9</b>	12.8	0	147.3	605	13
Jacobsen	J2473E3 ↗	E3	2.4	M	<b>62.9</b>	12.9	0	139.7	605	14
FS HiSOY	HS 23E40 ↗	E3	2.3	PK	<b>62.3</b>	12.7	0	142.3	599	15
P3 Genetics	2419E ↗	E3	1.9	PK	<b>62.3</b>	13.0	0	147.0	599	16
Cornelius	CB24XF75 ↗	RXF	2.4	M	<b>62.2</b>	12.8	0	144.7	598	17
Fortus	2846ES GC ↗	E3,ST	2.8	M	<b>62.1</b>	13.1	0	149.7	597	18
Fortus	2445E ↗	E3	2.4	M	<b>61.8</b>	12.8	0	144.7	595	19
Xitavo	XO 2075E ↗	E3	2.0	PK	<b>61.5</b>	12.8	0	144.7	592	20
Hoegemeyer	2185 E ↗	E3	2.1	PK	<b>61.2</b>	12.7	0	152.3	589	21
Pioneer	P27Z41E GC ↗	E3	2.7	M	<b>60.0</b>	12.9	0	144.7	577	22
Xitavo	XO 2206E ↗	E3	2.2	M	<b>59.4</b>	13.0	0	142.3	571	23
Apex	AE2350 ↗	E3	2.3	PK	<b>59.1</b>	12.7	0	149.7	569	24
FS HiSOY	HS 24F40 ↗	RXF	2.4	M	<b>59.0</b>	12.9	0	137.3	568	25
P3 Genetics	2520E ↗	E3	2.0	PK	<b>58.9</b>	12.6	0	149.7	567	26
Jacobsen	J2295E3 ↗	E3	2.2	M	<b>58.8</b>	13.0	0	147.0	566	27
Fortus	2775ES GC ↗	E3,ST	2.7	PK	<b>57.8</b>	12.8	1	152.3	556	28
Fortus	2165E ↗	E3	2.1	M	<b>56.6</b>	13.1	0	144.7	544	29
					Averages =	<b>62.4</b>	<b>12.8</b>	<b>0</b>	<b>145.4</b>	<b>512</b>
					LSD (0.10) =	3.0	0.2	0		
					LSD (0.25) =	1.6	0.1	0		
					C.V. =	4.5				

*Nick Hoffman*

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nick.hoffman@firstseedtests.com, (308) 730-7503

### Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.026

Prices: GMO = \$9.62

Historic yield: 66.37 bu/a, 1 yr(s)

Report Date: Oct. 7, 2025

Revised: 10/08/2025 Product and test avg results adjusted with some strips removed that were replanted with fill seed.

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

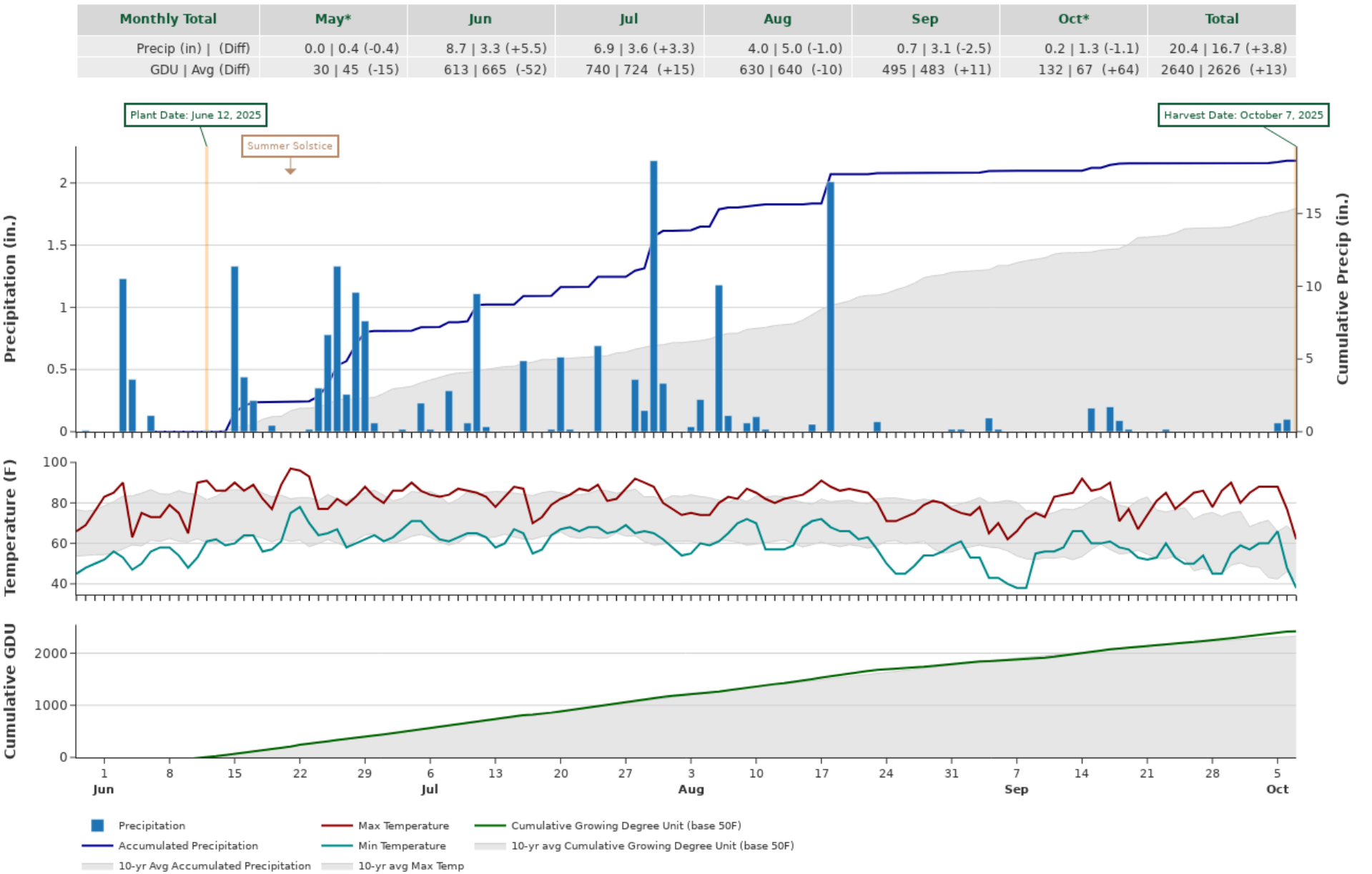
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly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

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2025 Soybeans - Iowa Northwest [ IANW ]

Weather Conditions Summary at KINGSLEY, IA

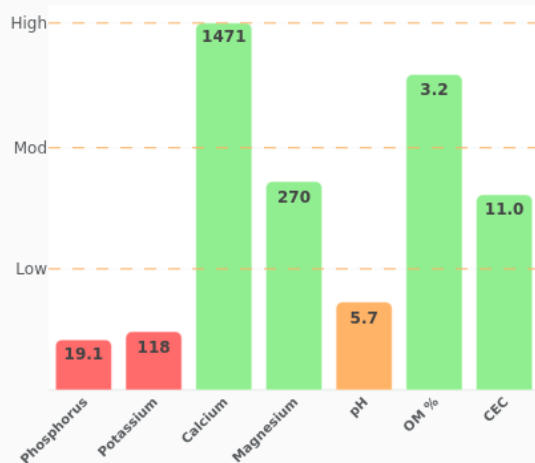
Weather Data Retrieved: 10/08/2025



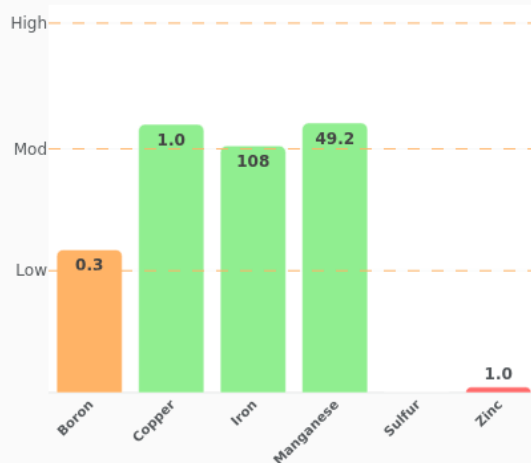
\* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

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.

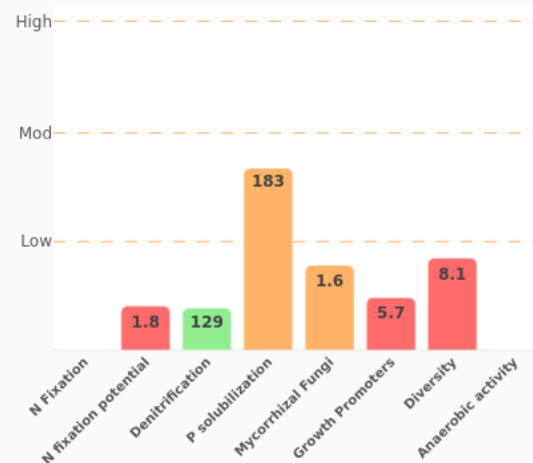
### Macronutrients



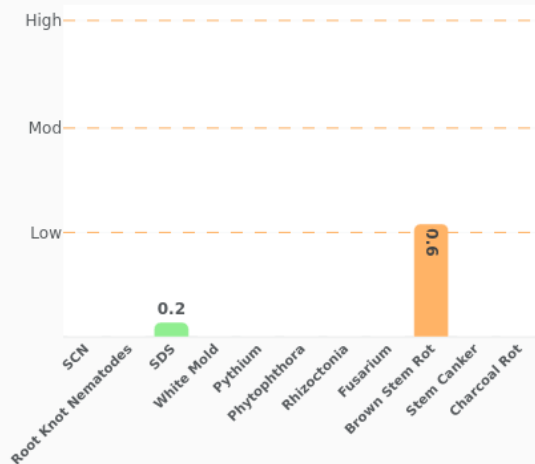
### Micronutrients



### 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.