

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

## 2025 Soybeans Top 30 Harvest Report


Iowa Northwest [IANW] HARTLEY, IA  
Clint Van Beek, O'Brien County, IA 51346

<b>All-Season Test</b>	Maturity Group <b>1.6 - 2.5</b> S2025IANW02
<b>Top 30 of 34</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Resicore, Roundup Power Max
<b>SOIL DESCRIPTION:</b>	Marcus silty clay loam, mod. poorly drained, non-irrigated
<b>SOIL CONDITION:</b>	6.17 pH, 3.89% OM, 9.16 CEC, low P, low K, low S, mod. B, high Zn
<b>TILLAGE/CULTIVATION:</b>	Minimum W/ Fall Till
<b>PEST MANAGEMENT:</b>	Zidua Pro
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	Jun 13 155.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 8 148.0 /A
<b>PEST &amp; DISEASE RISK:</b>	Charcoal Rot*

## TEST COMMENTS:

*This site was also another replant site due to mis-application of post emergent herbicide. Ultimately the yields were favorable and the plot was very consistent. A bit more lodging to note at this site. In late July a severe wind event swept across Northwest Iowa and at Clints farm, the weather station clocked in at 90 mph. Surprisingly the beans were not severely lodged and there were some differences among varieties. The surrounding field that was planted in April averaged 75 bu/acre while this plots average came in around 64 bu/acre. These differences are what one could expect from a replant situation in this area.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Xitavo	XO 2366E ↗	E3	2.3	M	<b>69.9</b>	12.0	14	147.3	672	1
Xitavo	XO 2075E ↗	E3	2.0	PK	<b>68.9</b>	11.7	5	142.0	663	2
Xitavo	XO 2556E ↗	E3	2.5	PK	<b>68.7</b>	11.7	3	147.3	661	3
Jacobsen	J2473E3 ↗	E3	2.4	M	<b>68.0</b>	12.1	9	144.7	654	4
Fortus	2846ES GC ↗	E3,ST	2.8	M	<b>67.9</b>	12.2	16	155.0	653	5
Xitavo	XO 1776E ↗	E3	1.7	M	<b>67.8</b>	10.7	1	142.3	652	6
Cornelius	CB22XF52 ↗	RXF	2.2	M	<b>67.7</b>	11.0	3	152.3	651	7
Pioneer	P28Z89E GC ↗	E3	2.8	PK	67.1	12.0	5	136.7	646	8
FS HiSOY	HS 18F40 ↗	RXF	1.8	M	66.9	10.8	0	149.7	644	9
Apex	AE2360 ↗	E3	2.3	M	66.3	11.6	16	147.3	638	10
P3 Genetics	2419E ↗	E3	1.9	PK	66.2	11.3	2	145.0	637	11
Cornelius	CB20XF39 ↗	RXF	2.0	M	65.1	11.1	0	152.3	626	12
Hoegemeyer	2056 E ↗	E3	2.0	PK	65.0	11.3	0	150.0	625	13
Jacobsen	J2295E3 ↗	E3	2.2	M	64.9	12.0	12	147.3	624	14
FS HiSOY	HS 23E40 ↗	E3	2.3	PK	64.8	11.5	14	147.0	623	15
Apex	AE2560 ↗	E3	2.5	PK	64.4	11.4	6	142.3	620	16
FS HiSOY	HS 24F40 ↗	RXF	2.4	M	64.3	12.1	14	144.7	619	17
Cornelius	CB24XF75 ↗	RXF	2.4	M	63.2	12.0	16	142.3	608	18
FS HiSOY	HS 18E30 ↗	E3	1.8	PK	63.0	11.3	2	144.7	606	19
Fortus	2445E ↗	E3	2.4	M	62.8	11.2	10	155.0	604	20
Apex	AE2350 ↗	E3	2.3	PK	62.7	11.2	7	152.3	603	21
Hoegemeyer	2185 E ↗	E3	2.1	PK	62.2	11.1	2	155.0	598	22
FS HiSOY	HS 22F40 ↗	RXF	2.2	M	61.9	11.4	14	149.7	595	23
Xitavo	XO 1986E ↗	E3	1.9	M	60.4	11.1	4	155.0	581	24
Fortus	2775ES GC ↗	E3,ST	2.7	PK	59.6	12.0	11	149.7	573	25
Pioneer	P27Z41E GC ↗	E3	2.7	M	58.8	12.5	3	152.3	566	26
P3 Genetics	2218E ↗	E3	1.8	M	58.7	11.6	12	142.0	565	27
Xitavo	XO 2206E ↗	E3	2.2	M	58.4	11.4	9	142.3	562	28
P3 Genetics	2520E ↗	E3	2.0	PK	58.2	11.3	5	150.0	560	29
Fortus	2165E ↗	E3	2.1	M	54.8	11.4	10	155.0	527	30

	Averages =	64.0	11.5	7	148.0	543
	LSD (0.10) =	3.3	0.3	4		
Nick Hoffman	LSD (0.25) =	1.7	0.1	2		
nick.hoffman@firstseedtests.com, (308) 730-7503	C.V. =	4.8	Historic yield: 58.22 bu/a, 14 yr(s)			

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.026 Prices: GMO = \$9.62

Report Date: 10/08/2025

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).

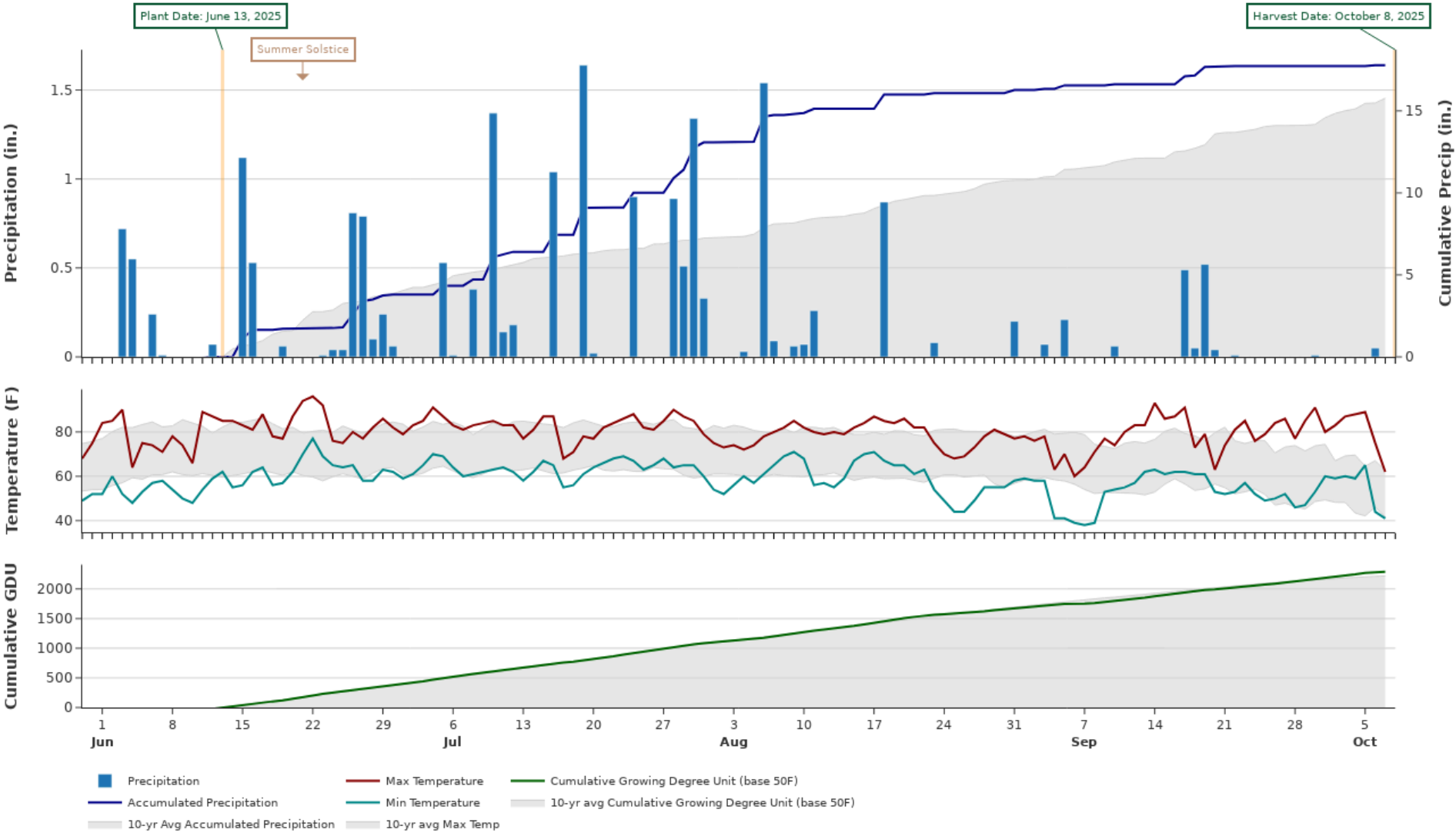
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2025 Soybeans - Iowa Northwest [ IANW ]

Weather Conditions Summary at HARTLEY, IA

Weather Data Retrieved: 10/08/2025

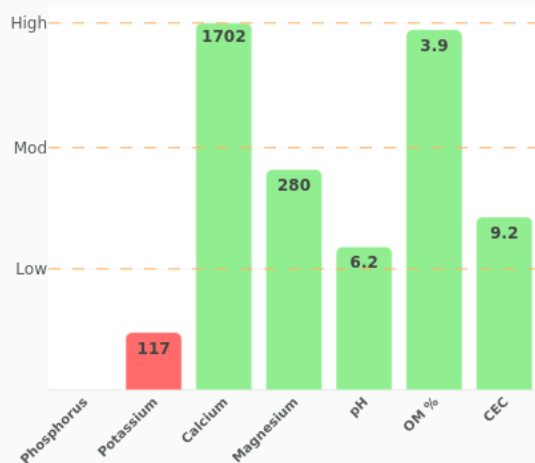
Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in.)   (Diff)	0.0   0.3 (-0.3)	5.4   5.5 (-0.1)	9.3   3.4 (+5.9)	3.2   3.5 (-0.3)	1.5   3.4 (-2.0)	0.1   1.6 (-1.6)	19.4   17.8 (+1.6)
GDU   Avg (Diff)	22   28 (-6)	590   638 (-48)	708   704 (+3)	590   619 (-29)	484   462 (+21)	130   62 (+67)	2524   2516 (+7)



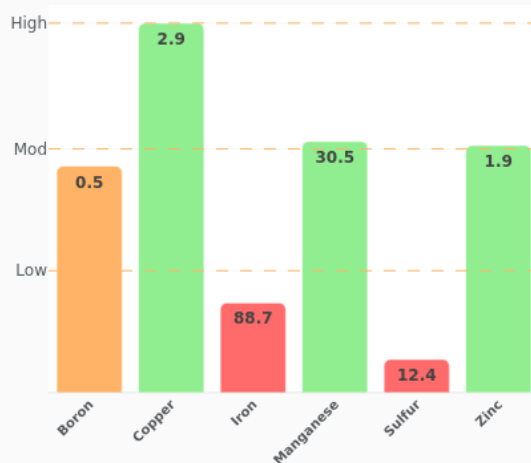
\* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

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.

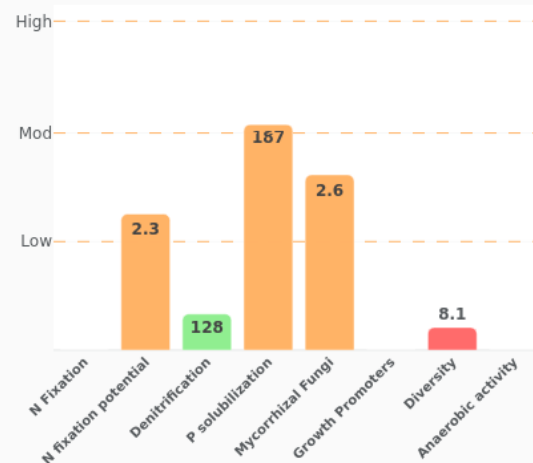
### Macronutrients



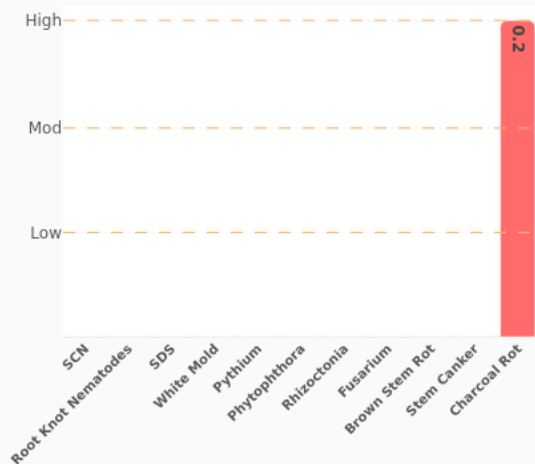
### Micronutrients



### 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.