

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

2025 Soybeans Top 30 Harvest Report

Iowa Northwest [IANW] WEBB, IA
Jeff Chalstrom, Clay County, IA

All-Season Test	Maturity Group 1.6 - 2.5 S2025IANW03
Top 29 of 34	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Enlist, Liberty
SOIL DESCRIPTION:	Webster clay loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	5.37 pH, 5.54% OM, 24.88 CEC, low P, low K, low S, high B, mod. Zn
TILLAGE/CULTIVATION:	Minimum W/O Fall Till
PEST MANAGEMENT:	Zidua Pro
FERTILITY - Other:	24 Fall
Applied N-P-K (units):	24-80-80
SEEDED - RATE - ROW:	Jun 13 155.0 /A 30" spacing
HARVESTED - STAND:	Oct 8 127.4 /A
PEST & DISEASE RISK:	Brown Stem Rot*

TEST COMMENTS:

Variability at this site is high; therefore, this data should be used lightly when making decisions. This is the final site in the region that was replanted on June 13th due to herbicide misapplication. Following replanting, there were some heavier rain events. Some areas of this site had much lighter stands than others. The canopy closure was not as thick, and weed escapes occurred in the back end of the plot. Yield variation is much higher in this plot as a result.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hoegemeyer	2185 E ↗	E3	2.1	PK	57.1	9.4	0	139.7	549	1
Pioneer	P28Z89E GC ↗	E3	2.8	PK	52.8	10.5	0	116.3	508	2
Fortus	2445E ↗	E3	2.4	M	52.2	10.0	0	129.3	502	3
Jacobsen	J2473E3 ↗	E3	2.4	M	51.9	10.5	0	124.0	499	4
P3 Genetics	2218E ↗	E3	1.8	M	51.6	10.7	0	118.7	496	5
Hoegemeyer	2056 E ↗	E3	2.0	PK	51.3	9.7	0	139.7	494	6
Apex	AE2560 ↗	E3	2.5	PK	51.3	11.3	0	127.0	494	7
Fortus	2846ES GC ↗	E3,ST	2.8	M	51.2	10.5	0	136.7	493	8
Xitavo	XO 2075E ↗	E3	2.0	PK	50.9	10.2	0	136.7	490	9
Xitavo	XO 2556E ↗	E3	2.5	PK	50.8	9.9	0	116.3	489	10
FS HiSOY	HS 23E40 ↗	E3	2.3	PK	50.2	10.0	0	137.0	483	11
Jacobsen	J2295E3 ↗	E3	2.2	M	49.6	10.2	0	139.3	477	12
Fortus	2775ES GC ↗	E3,ST	2.7	PK	49.5	10.2	0	114.0	476	13
Cornelius	CB22XF52 ↗	RXF	2.2	M	48.8	9.8	0	126.7	469	14
Apex	AE2360 ↗	E3	2.3	M	48.5	10.3	0	119.0	467	15
P3 Genetics	2419E ↗	E3	1.9	PK	48.5	10.4	0	142.0	467	16
Xitavo	XO 2366E ↗	E3	2.3	M	48.4	10.3	0	129.3	466	17
Pioneer	P27Z41E GC ↗	E3	2.7	M	48.1	10.3	0	129.7	463	18
FS HiSOY	HS 22F40 ↗	RXF	2.2	M	47.6	9.7	0	129.3	458	19
P3 Genetics	2520E ↗	E3	2.0	PK	47.4	10.1	0	144.7	456	20
FS HiSOY	HS 24F40 ↗	RXF	2.4	M	45.9	10.3	0	106.0	442	21
Apex	AE2350 ↗	E3	2.3	PK	45.3	10.7	0	131.7	436	22
Cornelius	CB24XF75 ↗	RXF	2.4	M	44.5	10.3	0	124.0	428	23
FS HiSOY	HS 18E30 ↗	E3	1.8	PK	43.7	10.7	0	139.7	420	24
Fortus	2165E ↗	E3	2.1	M	42.9	9.9	0	121.3	413	25
FS HiSOY	HS 18F40 ↗	RXF	1.8	M	42.1	10.5	0	103.7	405	26
Cornelius	CB20XF39 ↗	RXF	2.0	M	41.8	10.8	0	134.3	402	27
Xitavo	XO 2206E ↗	E3	2.2	M	41.8	10.8	0	134.3	402	28
Xitavo	XO 1776E ↗	E3	1.7	M	35.7	11.1	0	93.0	342	29
					Averages =	48.1	10.3	127.4	394	
					LSD (0.10) =	5.3	ns	ns		
					LSD (0.25) =	2.8	ns	ns		
					C.V. =	10.3				

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Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.024

Prices: GMO = \$9.62

Historic yield: 65.46 bu/a, 1 yr(s)

Report Date: 10/09/2025

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.

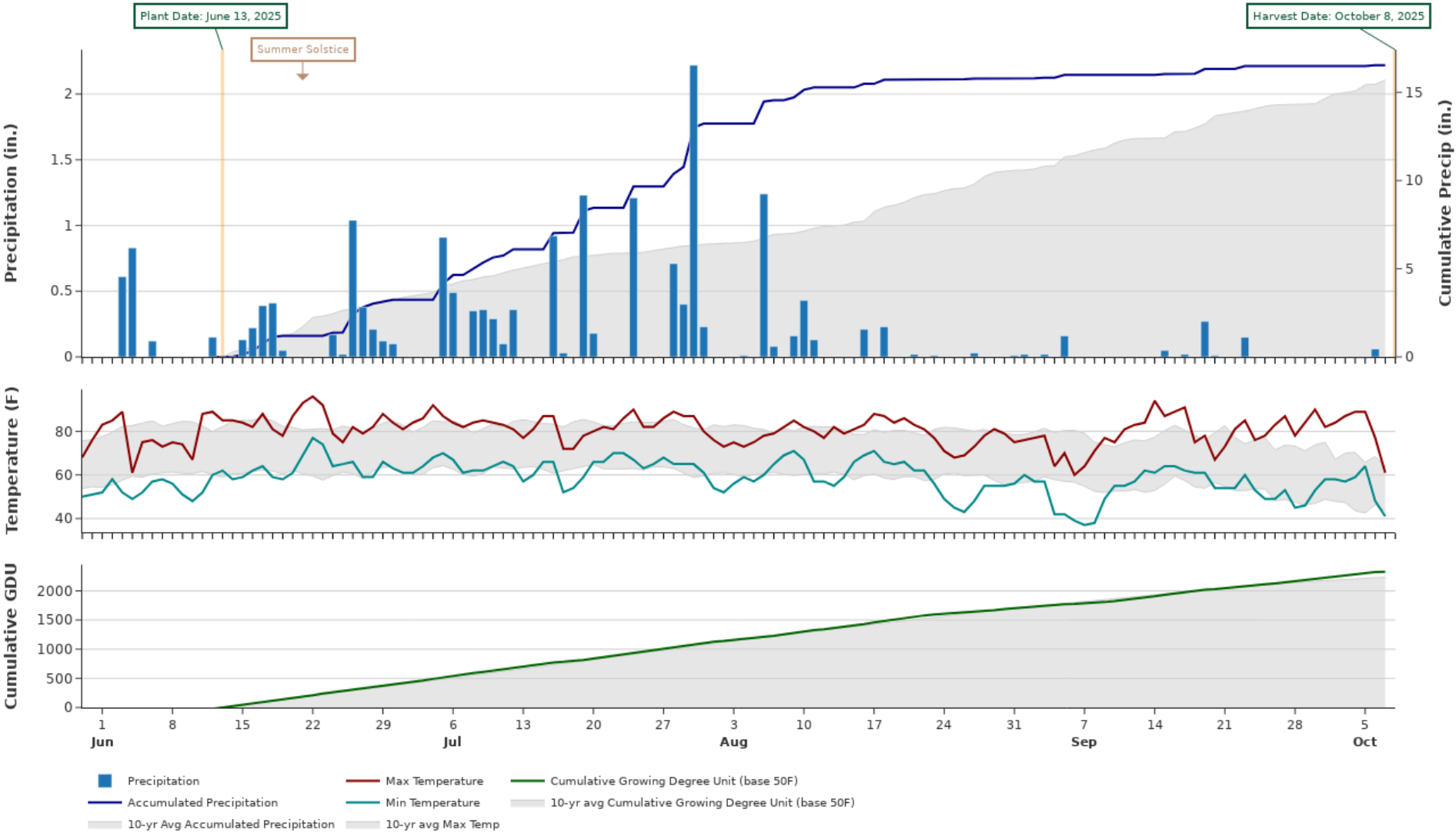
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2025 Soybeans - Iowa Northwest [IANW]

Weather Conditions Summary at WEBB, IA

Weather Data Retrieved: 10/09/2025

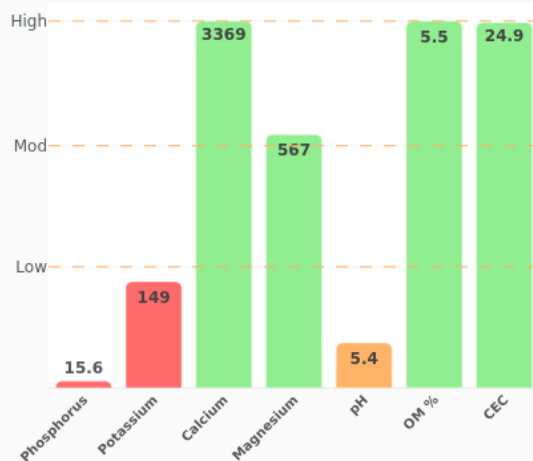
Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in.) (Diff)	0.0 0.3 (-0.3)	5.0 4.3 (+0.7)	10.0 3.2 (+6.8)	2.6 4.2 (-1.6)	0.7 3.8 (-3.1)	0.1 1.4 (-1.3)	18.3 17.1 (+1.2)
GDU Avg (Diff)	22 30 (-8)	606 641 (-35)	718 704 (+13)	590 622 (-32)	496 467 (+28)	129 65 (+63)	2561 2532 (+28)



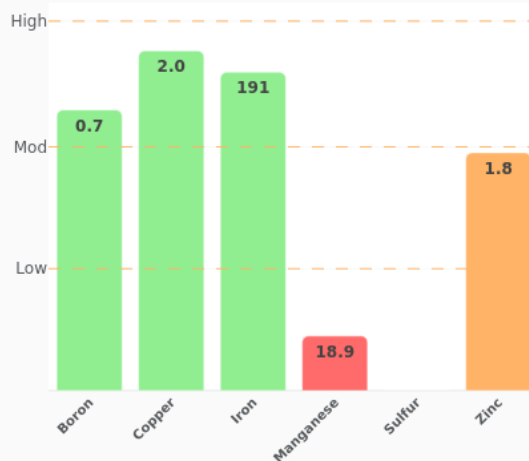
* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

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.

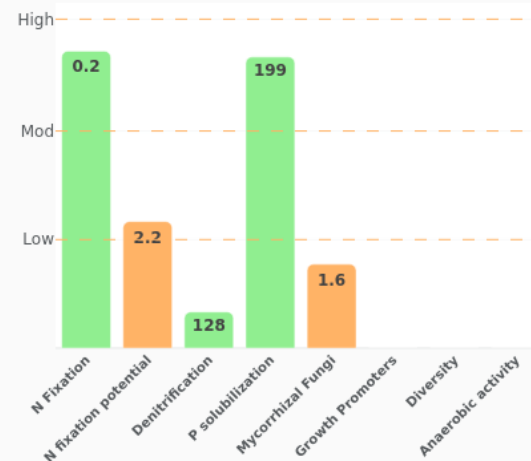
Macronutrients



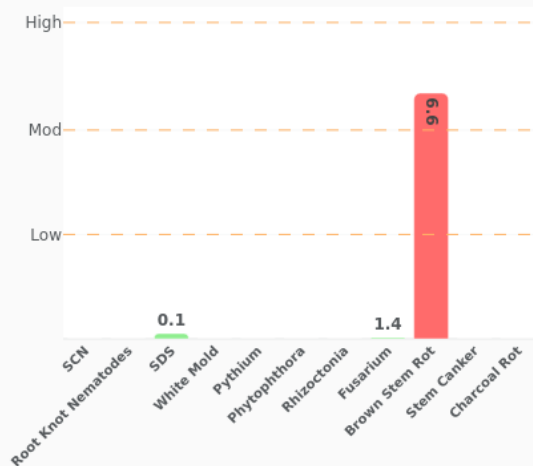
Micronutrients



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.