

Test by: F.I.R.S.T. CCB, Inc. Elizabeth, IL

2025 Soybeans Top 30 Harvest Report

Iowa South [IASO] WASHINGTON, IA


Jonathan Vittetoe, Washington County, IA 52353

All-Season Test	Maturity Group 2.5 - 3.6 S2025IASO53
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Volly Atz Lite, Atrazine, Callisto, Roundup, Impact
SOIL DESCRIPTION:	Mahaska silty clay loam, well drained, non-irrigated
SOIL CONDITION:	6.71 pH, 4.99% OM, 19.4 CEC, high P, high K, low S, high B, high Zn
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	2-4d Lv6, Authority Supreme, Roundup, Brawl, Liberty, Domark, Kendo, Imida
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	Apr 24 140.0 /A 15" spacing
HARVESTED - STAND:	Oct 9 137.5 /A
PEST & DISEASE RISK:	SDS, Stem Canker, Brown Stem Rot, Red Crown Rot, Charcoal Rot, Septoria Brown Spot*

TEST COMMENTS:

Planting conditions were very good, the location recieved very good rain fall to start and plants grew fast then in Aug turned dry, plants stood 42 to 54 inches tall, pod sets had larger spacing, plants held most of pods on the top of the plant and less on the bottom end, stems were very tough and made harvest slow Jonathan also stated that they were moving very slow harvesting and dealing with tough stems, no weed pressure, plot looked very nice and this location can produce high yielding beans but fell short on the top end of high yeilds this year, the tall plants caused some lodging through out the plot

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Cornelius	CB33XF26 ↗	RXF	3.3	M	91.0	12.1	9	137.0	874	1
LG Seeds	LG3000E3 GC ↗	E3	3.0	PK	87.4	11.7	27	138.3	839	2
FS HiSOY	HS 29F50 ↗	RXF	2.9	M	85.0	11.9	5	137.0	816	3
NuTech	36N06E ↗	E3	3.6	M	84.6	11.5	2	139.0	812	4
Hoegemeyer	2876 E ↗	E3	2.8	M	84.6	11.9	1	137.0	812	5
FS HiSOY	HS 33E50 ↗	E3	3.3	M	83.9	12.1	6	137.7	805	6
Xitavo	XO 3555E ↗	E3	3.5	M	83.2	12.0	37	137.7	799	7
ProHarvest	26E68 ↗	E3	2.6	M	82.7	12.2	20	135.7	794	8
NuTech	28N05E ↗	E3	2.8	M	81.9	11.8	1	137.0	786	9
FS HiSOY	HS 28E50 ↗	E3	2.8	M	81.0	12.1	16	137.0	778	10
Pioneer	P28Z30E GC ↗	E3	2.8	M	80.6	12.0	3	139.0	774	11
Cornelius	CB36XF60 ↗	RXF	3.6	M	80.5	12.0	50	137.0	773	12
Monier	ME350 ↗	E3,ST	3.5	M	80.4	11.6	33	138.3	772	13
FS HiSOY	HS 26E50 ↗	E3	2.6	PK	79.9	12.2	4	139.0	767	14
Apex	AE3550S ↗	E3,ST	3.5	M	79.2	11.5	50	137.0	760	15
Apex	AE3660 GC ↗	E3	3.6	PK	78.7	12.2	36	137.0	756	16
FS HiSOY	HS 29E40 ↗	E3	2.9	PK	78.7	12.4	2	137.0	756	17
Titan Pro	TP 28E25 ↗	E3	2.8	M	78.6	12.8	33	137.0	755	18
Apex	AE2860 ↗	E3	2.8	M	78.3	12.1	12	137.0	752	19
Connect	CT2424E GC ↗	E3	2.4	M	78.3	12.6	19	138.3	752	20
ProHarvest	35E52 ↗	E3	3.3	M	77.8	11.9	3	139.0	747	21
Pioneer	P31Z03E GC ↗	E3	3.1	M	77.6	12.1	6	139.0	745	22
NuTech	30N06E ↗	E3	3.0	M	77.5	12.5	4	139.0	744	23
Cornelius	CB29XF85 ↗	RXF	2.9	M	76.6	12.6	12	136.3	735	24
NuTech	29N05E ↗	E3	2.9	PK	76.4	11.5	4	137.0	733	25
Xitavo	XO 3014E ↗	E3	3.0	M	76.3	12.1	21	137.7	732	26
Hoegemeyer	3605 E ↗	E3	3.6	M	76.0	10.9	6	139.0	730	27
FS HiSOY	HS 35E50 ↗	E3	3.5	M	75.8	11.8	37	137.7	728	28
Hoegemeyer	3056 E ↗	E3	3.0	M	75.1	12.5	2	139.0	721	29
Apex	AE3150 GC ↗	E3	3.1	M	74.7	11.8	45	137.7	717	30

	Averages =	76.3	12.0	20	137.5	733
	LSD (0.10) =	4.8	0.5	10		
	LSD (0.25) =	2.5	0.3	5		
	C.V. =	6.0	Historic yield: 72.26 bu/a, 14 yr(s)			
Randy Meinsma randym@firstseedtests.com, (815) 238-8007						

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.045 Prices: GMO = \$9.60

Report Date: 10/09/2025

Additional reports available at www.firstseedtests.com

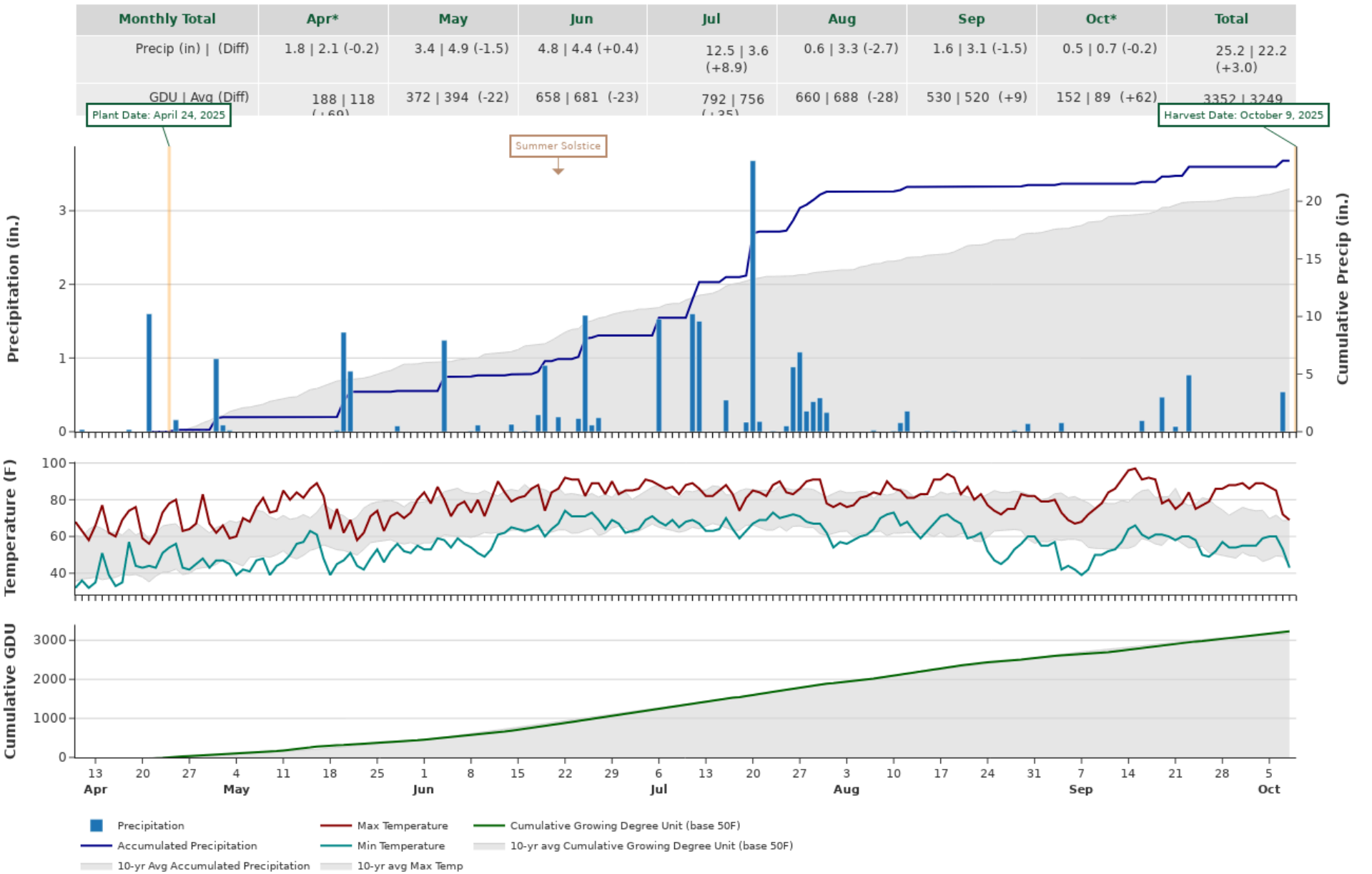
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly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

Weather Conditions Summary at WASHINGTON, IA

Weather Data Retrieved: 10/09/2025



* 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.



EARTHOPTICS

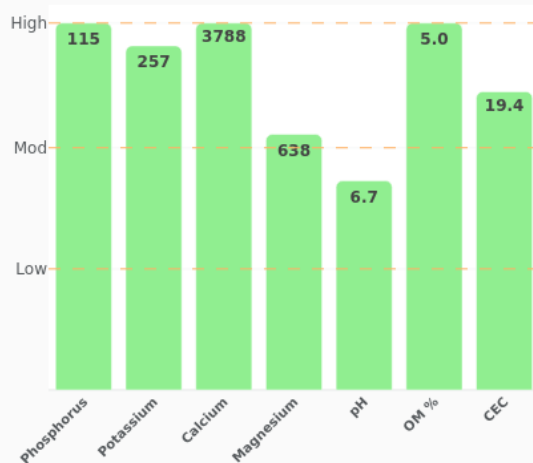
EarthOptics Soil Analysis | Washington, IA [IASO]

Macronutrients, Micronutrients, Pest & Disease, Biofertility

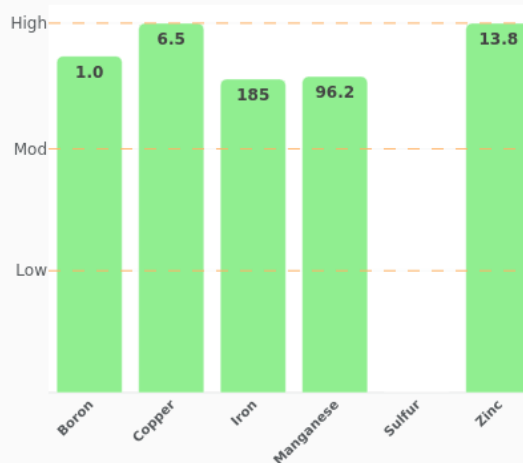


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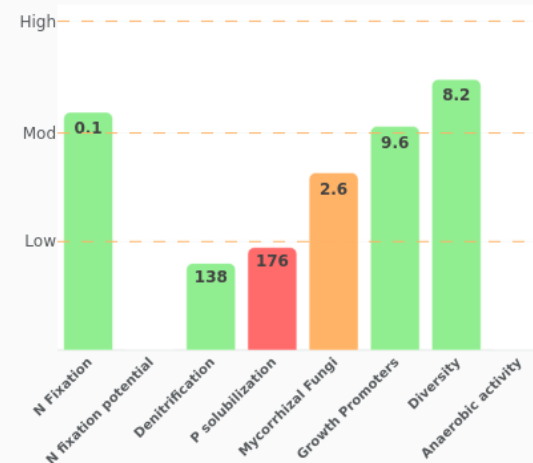
Macronutrients



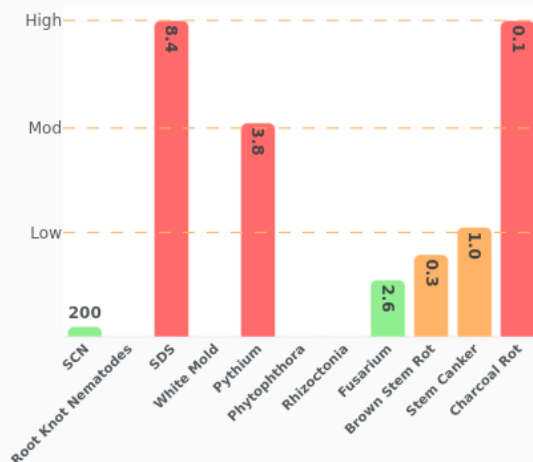
Micronutrients



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 South [IASO]

All-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2860	E3	M	2.8	PU,Sa
Apex	AE3150	E3	M	3.1	PU,Sa
Apex	AE3550S	E3,ST	M	3.5	CMB-APX,SA
Apex	AE3660	E3	PK	3.6	PU,Sa
Channel	2424RXF	RXF	M	2.4	Untreated
Connect	CT2424E	E3	M	2.4	Untreated
Cornelius	CB29XF85	RXF	M	2.9	PG+
Cornelius	CB33XF26	RXF	M	3.3	PG+
Cornelius	CB36XF60	RXF	M	3.6	PG+
FS HiSOY	HS 25E30	E3	PK	2.5	ACi,SA
FS HiSOY	HS 26E50	E3	PK	2.6	ACi,SA
FS HiSOY	HS 28E50	E3	M	2.8	ACi,SA
FS HiSOY	HS 29E40	E3	PK	2.9	ACi,SA
FS HiSOY	HS 29F50	RXF	M	2.9	ACi,SA
FS HiSOY	HS 33E50	E3	M	3.3	ACi,SA
FS HiSOY	HS 34F30	RXF	M	3.4	ACi,SA
FS HiSOY	HS 35E50	E3	M	3.5	ACi,SA
Golden Harvest	GH2775E3	E3	M	2.7	Treated
Hoegemeyer	2876 E	E3	M	2.8	Lum, LumT, IL
Hoegemeyer	3056 E	E3	M	3.0	Lum, LumT, IL
Hoegemeyer	3326 E	E3	PK	3.3	Lum, LumT, IL
Hoegemeyer	3605 E	E3	M	3.6	Lum, LumT, IL
LG Seeds	LG3000E3	E3	PK	3.0	NA
Monier	ME350	E3,ST	M	3.5	D,Sa
NuTech	28N03E	E3	M	2.8	Lum, LumT, IL
NuTech	28N05E	E3	M	2.8	Lum, LumT, IL
NuTech	29N05E	E3	PK	2.9	Lum, LumT, IL
NuTech	30N06E	E3	M	3.0	Lum, LumT, IL
NuTech	32N05E	E3	M	3.2	Lum, LumT, IL
NuTech	35N05E	E3	PK	3.5	Lum, LumT, IL
NuTech	36N06E	E3	M	3.6	Lum, LumT, IL
P3 Genetics	2434E	E3	PK	3.4	PG+
P3 Genetics	2631E	E3	PK	3.1	PG+
Pioneer	P28Z30E	E3	M	2.8	Lum, LumT, IL
Pioneer	P31Z03E	E3	M	3.1	Lum, LumT, IL
Pioneer	P33Z17E	E3	M	3.3	Lum, LumT, IL

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
ProHarvest	26E68	E3	M	2.6	PU
ProHarvest	35E52	E3	M	3.3	PU
Stine	35EG92	E3	M	3.5	SFI
Titan Pro	TP 28E25	E3	M	2.8	CMB-APX,SA
Xitavo	XO 2865E	E3	M	2.8	PV,IL,OB,Rey
Xitavo	XO 2926E	E3	M	2.9	PV,IL,OB,Rey
Xitavo	XO 3014E	E3	M	3.0	PV,IL,OB,Rey
Xitavo	XO 3105E	E3	M	3.1	PV,IL,OB,Rey
Xitavo	XO 3375E	E3	M	3.3	PV,IL,OB,Rey
Xitavo	XO 3456E	E3	M	3.4	PV,IL,OB,Rey
Xitavo	XO 3555E	E3	M	3.5	PV,IL,OB,Rey
Xitavo	XO 3655E	E3	M	3.6	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®
CMB-APX,SA	CruiserMaxx® APX with Saltro®
D,Sa	Duo, Saltro
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PG+	Profit Guard +
PU	Protect Ultra
PU,Sa	Protect Ultra, Saltro
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
SFI	Stine XP F&I
Treated	Treated, unspecified
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.