

Test by: North Iowa F.I.R.S.T., Inc. Sanborn, IA

## 2024 Soybeans Top 30 Harvest Report

Iowa North Central [IANC] IOWA FALLS, IA  
Landon Aldinger, Hardin County, IA

<b>All-Season Test</b>	Maturity Group <b>2.1 - 2.9</b> S2024IANC03
<b>Top 30 of 60</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Surestart, Callisto
<b>SOIL DESCRIPTION:</b>	Nicollet loam, moderately drained, non-irrigated
<b>SOIL CONDITION:</b>	very high P, very high K, 6.8 pH, 3.5% OM, 17.8 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/O Fall Till
<b>PEST MANAGEMENT:</b>	Sonic, Liberty 280 SI, Outlook
<b>FERTILITY - Applied N:</b>	25 lbs - Sulfur
<b>Applied N-P-K (units):</b>	0-199-160
<b>SEEDED - RATE - ROW:</b>	Jun 3 144.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 1 100.9 /A

### TEST COMMENTS:

Spring rainfall caused planting delays across much of Hardin County. May was 4.4" above average and soils that struggled to drain well led to many fields left to plant in June. Once planted, emergence was a struggle as germinated seedlings had to contend with more heavy rainfall and slightly cooler soil temperatures for a couple weeks. The result were final stands right around 100k, but well off of the planted population. Overall, the first half of the season was very wet. The faucet shut off after June and the last half of the season was really dry with only a couple showers mid and late August to provide relief. Hardin County now finds itself in a D0 drought once again at harvest.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Pioneer	P21Z71E GC ↗	E3	2.1	PK	<b>64.9</b>	9.0	0	101.0	662	1
Stine	22EG02 § ↗	E3	2.2	M	<b>63.8</b>	8.7	0	91.3	651	2
NuTech	24N05E ↗	E3	2.4	PK	<b>62.2</b>	8.5	0	110.3	634	3
Hoegemeyer	2395 E ↗	E3	2.3	PK	<b>61.9</b>	8.5	0	96.0	631	4
Hoegemeyer	2185 E ↗	E3	2.1	PK	<b>61.6</b>	8.5	0	100.7	628	5
Apex	AE2050 ↗	E3	2.0	PK	<b>61.6</b>	8.6	0	101.0	628	6
NuTech	27N03E ↗	E3	2.7	PK	<b>61.1</b>	8.7	1	100.7	623	7
FS HiSOY	HS 25E30 ↗	E3	2.5	PK	<b>61.0</b>	10.4	1	96.0	622	8
NuTech	21N08E ↗	E3	2.1	PK	<b>60.9</b>	8.7	0	105.7	621	9
NuTech	29N05E ↗	E3	2.9	PK	<b>60.9</b>	10.2	0	110.3	621	10
NuTech	25N05E ↗	E3	2.5	PK	<b>60.6</b>	8.5	0	101.0	618	11
Pioneer	P23Z82E GC ↗	E3	2.3	PK	<b>60.4</b>	9.0	0	96.0	616	12
Apex	AE2351 ↗	E3	2.3	M	<b>60.4</b>	8.5	0	105.7	616	13
Genesis	G2960E ↗	E3	2.9	M	<b>60.2</b>	9.0	0	110.3	614	14
Titan Pro	TP 29E23 ↗	E3	2.9	M	<b>59.8</b>	16.5	3	105.7	606	16
Apex	AE2750 ↗	E3	2.7	PK	<b>59.8</b>	8.6	1	101.0	610	15
NuTech	22N04E ↗	E3	2.2	PK	<b>59.3</b>	8.7	0	100.7	605	17
FS HiSOY	HS 28E10 ↗	E3	2.8	M	<b>59.3</b>	9.7	0	105.7	605	18
NuTech	27N07E ↗	E3	2.7	M	<b>59.3</b>	10.8	0	105.3	605	19
Golden Harvest	GH2544XF § ↗	RXF	2.5	M	<b>59.1</b>	8.6	1	95.7	603	20
Genesis	G2391E ↗	E3	2.3	M	<b>58.3</b>	8.5	0	100.7	595	21
Stine	24EG23 § ↗	E3	2.4	M	<b>58.2</b>	8.6	0	96.0	594	22
FS HiSOY	HS 24F40 ↗	RXF	2.4	M	<b>58.1</b>	9.1	0	110.3	593	23
NuTech	28N03E ↗	E3	2.8	M	<b>57.9</b>	10.6	0	96.0	591	24
Pioneer	P28A39E § ↗	E3	2.8	M	<b>57.7</b>	10.9	0	96.0	589	25
Cornelius	CB24XF75 ↗	RXF	2.4	M	<b>57.6</b>	8.5	0	91.0	588	26
Pioneer	P29A19E § ↗	E3	2.9	MR	<b>57.6</b>	10.7	0	96.0	588	27
Xitavo	XO 2865E ↗	E3	2.8	M	<b>57.0</b>	9.7	0	91.0	581	28
Genesis	G2790E ↗	E3	2.7	PK	<b>56.4</b>	9.5	0	110.3	575	29
Golden Harvest	GH2292E3 § ↗	E3	2.2	M	<b>56.3</b>	8.5	0	101.0	574	30

*Corey Rozenboom*

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Averages = **56.0** **9.5** **0** **100.9** **571**

LSD (0.10) = 3.6 1.1 1

LSD (0.25) = 1.9 0.6 1

C.V. = 6.1

Historic yield: 58.02 bu/a, 22 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.02 Prices: GMO = \$10.20

Report Date: 10/01/2024

† 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. ↗ Links to full product yield results at www.firstseedtests.com

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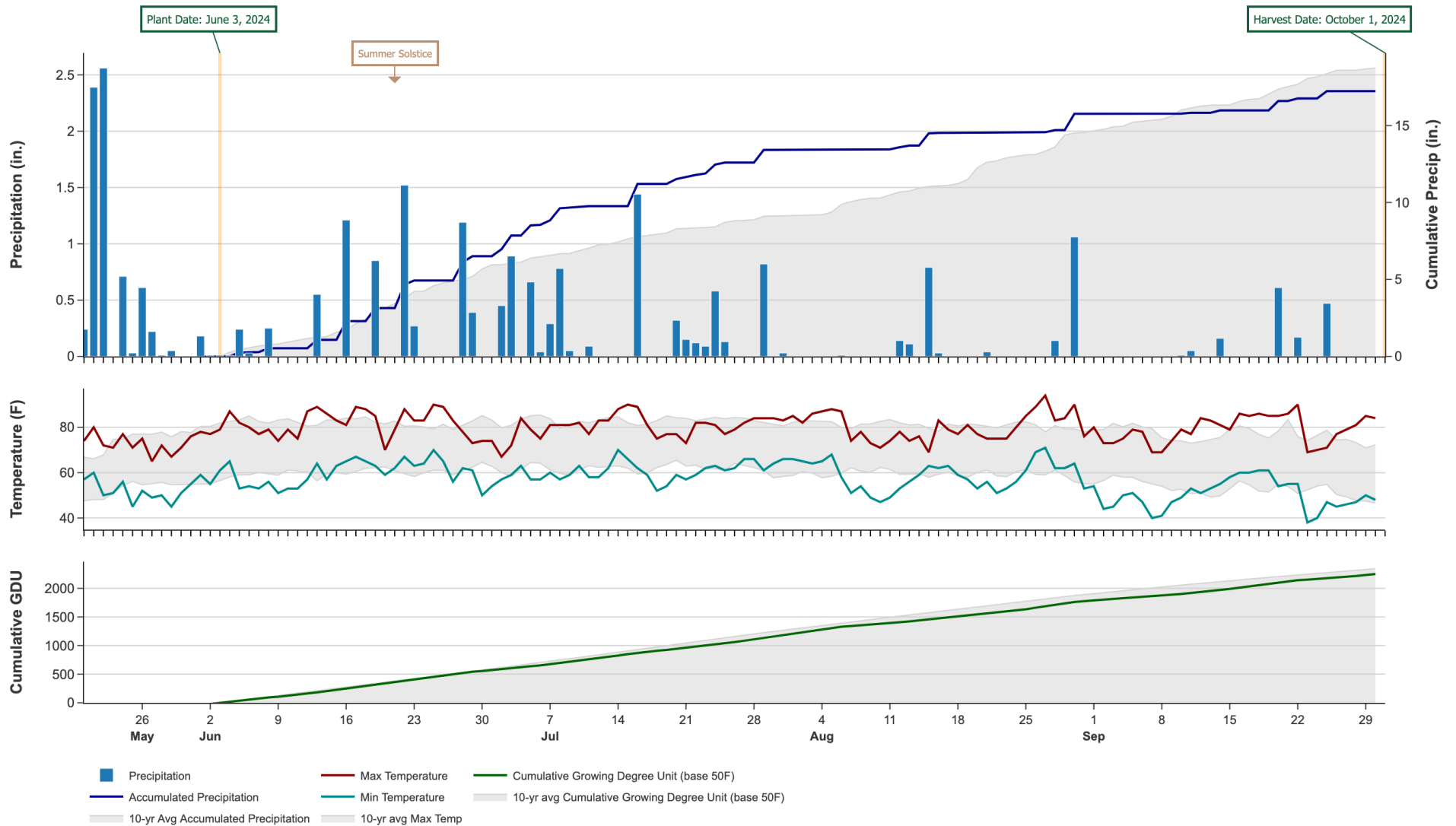
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# 2024 Soybeans - Iowa North Central [ IANC ]

## Weather Conditions Summary at IOWA FALLS, IA

Weather Data Retrieved: 10/01/2024

Monthly Total	May*	Jun	Jul	Aug	Sep*	Total
Precip (in)   (Diff)	6.8   2.4 (+4.4)	6.7   5.8 (+0.9)	6.9   3.5 (+3.5)	2.3   5.4 (-3.1)	1.5   4.2 (-2.7)	24.2   21.3 (+3.0)
GDU   Avg (Diff)	152   166 (-14)	610   628 (-18)	626   690 (-64)	595   626 (-31)	474   450 (+23)	2457   2563 (-106)



\* 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.

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### All-Season Test Products (60 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2050	E3	PK	2.0	CMBV,SA
Apex	AE2350	E3	PK	2.3	F,I
Apex	AE2351	E3	M	2.3	CMBV
Apex	AE2750	E3	PK	2.7	F,I
Asgrow	AG24XF4 §	RXF	R	2.4	ACi,IL
Asgrow	AG27XF3 §	RXF	R	2.7	ACi,IL
Asgrow	AG29XF4 §	RXF	PK	2.9	ACi,IL
Cornelius	CB24XF75	RXF	M	2.4	PG+
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
FS HiSOY	HS 26F20	RXF	M	2.6	ACi,SA
FS HiSOY	HS 28E10	E3	M	2.8	ACi,SA
FS HiSOY	HS 28F30	RXF	M	2.8	ACi,SA
FS HiSOY	HS 29E40	E3	PK	2.9	ACi,SA
Genesis	G2090E	E3	PK	2.0	CMBV,SA
Genesis	G2391E	E3	M	2.3	CMBV,SA
Genesis	G2480E	E3	M	2.4	EcTC,SA
Genesis	G2790E	E3	PK	2.7	EcTC,SA
Genesis	G2960E	E3	M	2.9	EcTC,SA
Golden Harvest	GH2292E3 §	E3	M	2.2	CMB-APX,SA
Golden Harvest	GH2544XF §	RXF	M	2.5	CMB-APX,SA
Golden Harvest	GH2674E3	E3	M	2.6	CMB-APX,SA
Golden Harvest	GH2775E3 §	E3	M	2.7	CMB-APX,SA
Hoegemeyer	2185 E	E3	PK	2.1	Lum, LumT, IL
Hoegemeyer	2395 E	E3	PK	2.3	Lum, LumT, IL
Jacobsen	J1873E3	E3	PK	1.8	F,I
Jacobsen	J1942E3	E3	PK	1.9	F,I
Jacobsen	J2223E3	E3	S	2.2	F,I
Jacobsen	J2473E3	E3	MR	2.4	F,I
NuTech	21N08E	E3	PK	2.1	Lum, LumT, IL
NuTech	22N04E	E3	PK	2.2	Lum, LumT, IL
NuTech	24N05E	E3	PK	2.4	Lum, LumT, IL
NuTech	25N05E	E3	PK	2.5	Lum, LumT, IL
NuTech	27N03E	E3	PK	2.7	Lum, LumT, IL
NuTech	27N07E	E3	M	2.7	Lum, LumT, IL
NuTech	28N03E	E3	M	2.8	Lum, LumT, IL
NuTech	29N05E	E3	PK	2.9	Lum, LumT, IL
P3 Genetics	2325E	E3	M	2.5	PG+
P3 Genetics	2424E	E3	M	2.4	PG+
P3 Genetics	2523E	E3	PK	2.3	PG+

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Pioneer	P21Z71E GC	E3	PK	2.1	Untreated
Pioneer	P23Z82E GC	E3	PK	2.3	Untreated
Pioneer	P28A39E §	E3	M	2.8	Untreated
Pioneer	P28A65E §	E3	M	2.8	Untreated
Pioneer	P29A19E §	E3	MR	2.9	Untreated
Stine	22EG02 §	E3	M	2.2	TFX1,SA
Stine	24EG23 §	E3	M	2.4	TFX1,SA
Stine	25EG23 §	E3	M	2.5	TFX1,SA
Titan Pro	TP 25E22	E3	PK	2.5	CMB-APX,SA
Titan Pro	TP 29E23	E3	M	2.9	CMB-APX,SA
Xitavo	XO 2075E	E3	PK	2.0	PV,IL,OB,Rey
Xitavo	XO 2181E	E3	M	2.1	PV,IL,OB,Rey
Xitavo	XO 2305E	E3	M	2.3	PV,IL,OB,Rey
Xitavo	XO 2444E	E3,ST	M	2.4	PV,IL,OB,Rey
Xitavo	XO 2625E	E3	M	2.6	PV,IL,OB,Rey
Xitavo	XO 2735E	E3	M	2.7	PV,IL,OB,Rey
Xitavo	XO 2865E	E3	M	2.8	PV,IL,OB,Rey
Xitavo	XO 2985E	E3	M	2.9	PV,IL,OB,Rey

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

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CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.
§	United Soybean Board sponsored entry

### Soybean Cyst Nematode (SCN) Resistance Rating

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S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

### Soybeans Technologies

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E3	Enlist E3®
RXF	XtendFlex®
ST	Sulfonylurea tolerant

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### Soybeans Seed Treatments\*

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NA	Not Available
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ACi,SA	Acceleron® Standard Insecticide-Fungicide, Saltro®
CMB-APX,SA	CruiserMaxx® APX with Saltro®
CMBV	CruiserMaxx® Beans, Vibrance®
CMBV,SA	Cruisermaxx® Beans, Vibrance®, Saltro®
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro®
F,I	Fungicide, Insecticide
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PG+	Profit Guard +
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
TFX1,SA	Stine MyYield, Saltro
Untreated	No seed treatment

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\* Seed treatments may include unspecified plant health promoting components.