

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

2024 Soybeans Top 30 Harvest Report

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

All-Season Test	Maturity Group 1.6 - 2.5 S2024IANW03
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Halex Gt, Atrazine
SOIL DESCRIPTION:	Waldorf silty clay loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	very high P, very high K, 6.1 pH, 3.3% OM, 17.8 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Liberty, Roundup, Miravis Neo, Kendo, Pilot 4e
Applied N-P-K (units):	0-52-120
SEEDED - RATE - ROW:	May 30 120.0 /A 30" spacing
HARVESTED - STAND:	Oct 3 113.6 /A

TEST COMMENTS:

This plot yield average came close to the reported field average of 68 bu/ac. Emergence was good and stands were noticeably strong considering the heavy amounts of precipitation in the early spring. Some volunteer corn was present throughout the plot. Overall, considering the extreme conditions on both ends of the spectrum (wet/dry) through the season, there were favorable yields.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS HiSOY	HS 25E30 ↗	E3	2.5	PK	72.4	13.6	7	118.0	732	1
Pioneer	P22A67E § ↗	E3	2.2	M	72.2	14.8	5	111.3	728	2
Pioneer	P19A37E § ↗	E3	1.9	NA	71.6	13.6	3	113.7	724	3
Dyna-Gro	S25EN74 ↗	E3	2.5	PK	71.0	13.5	7	115.3	718	4
Cornelius	CB22XF52 ↗	RXF	2.2	M	70.8	10.1	6	115.3	717	5
Golden Harvest	GH2315E3 ↗	E3	2.3	PK	70.6	9.9	4	117.0	715	6
P3 Genetics	2322E ↗	E3	2.2	M	70.4	10.0	3	115.0	713	7
Cornelius	CB20XF39 ↗	RXF	2.0	M	70.2	9.9	4	117.0	711	8
FS HiSOY	HS 20E40 ↗	E3	2.0	M	69.5	9.1	2	115.3	704	9
Asgrow	AG24XF4 § ↗	RXF	2.4	R	69.3	12.7	4	115.0	702	10
Hoegemeyer	2185 E ↗	E3	2.1	PK	69.0	10.4	2	113.3	699	11
Xitavo	XO 2444E ↗	E3,ST	2.4	M	68.8	10.9	5	117.0	697	12
Hoegemeyer	2395 E ↗	E3	2.3	PK	68.7	11.6	4	114.3	696	13
Xitavo	XO 2625E ↗	E3	2.6	M	68.4	12.9	6	117.0	693	14
P3 Genetics	2520E ↗	E3	2.0	PK	68.2	9.9	1	114.7	691	15
Stine	22EG02 § ↗	E3	2.2	M	68.0	9.7	6	115.0	689	16
Apex	AE2050 ↗	E3	2.0	PK	68.0	9.8	2	118.0	689	17
Dyna-Gro	S22XF95 ↗	RXF	2.2	M	67.6	10.2	7	110.3	685	18
Dyna-Gro	S19XF45 ↗	RXF	1.9	M	67.5	10.1	7	113.0	684	19
Stine	25EG23 § ↗	E3	2.5	M	67.1	10.7	4	112.7	680	20
Asgrow	AG20XF4 § ↗	RXF	2.0	R	66.7	13.0	5	112.0	676	21
Cornelius	CB18XF88 ↗	RXF	1.8	M	66.7	10.2	6	107.3	676	22
Xitavo	XO 2075E ↗	E3	2.0	PK	66.5	10.6	1	116.5	674	23
Genesis	G2090E ↗	E3	2.0	PK	66.1	10.4	2	117.0	670	24
Genesis	G2391E ↗	E3	2.3	M	65.8	12.3	3	109.7	667	25
Golden Harvest	GH1973E3S § ↗	E3,ST	1.9	PK	65.7	9.4	2	111.3	666	26
P3 Genetics	2218E ↗	E3	1.8	M	64.7	10.1	3	109.5	655	27
Apex	AE2350 ↗	E3	2.3	PK	64.6	11.4	6	112.7	654	28
FS HiSOY	HS 23E40 ↗	E3	2.3	PK	64.4	11.8	6	111.0	652	29
Asgrow	AG19XF3 § ↗	RXF	1.9	R	64.4	10.3	3	110.3	652	30

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Averages =	65.6	10.7	4	113.6	663
LSD (0.10) =	4.4	1.0	3		
LSD (0.25) =	2.3	0.5	1		
C.V. =	6.3				

Historic yield: new site

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.024 Prices: GMO = \$10.13

Report Date: 10/03/2024

† 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

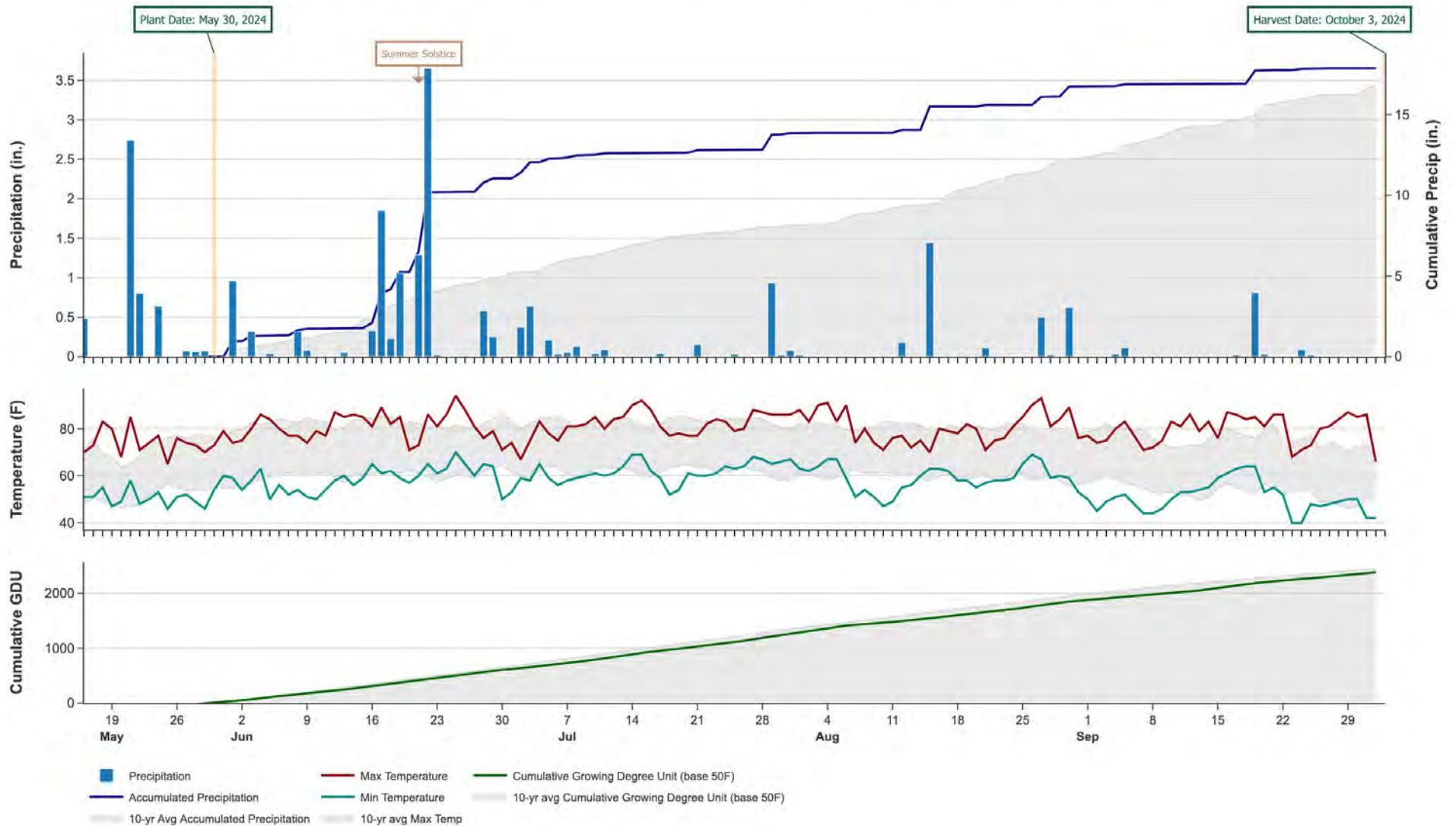
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2024 Soybeans - Iowa Northwest [IANW]

Weather Conditions Summary at WEBB, IA

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	4.9 2.1 (+2.7)	11.0 4.9 (+6.2)	2.8 3.2 (-0.4)	2.9 4.1 (-1.2)	1.1 4.0 (-2.9)	0.0 0.6 (-0.6)	22.7 18.9 (+3.8)
GDU Avg (Diff)	213 203 (+10)	588 636 (-48)	660 695 (-35)	598 624 (-26)	492 451 (+40)	26 20 (+5)	2577 2631 (-54)



* 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.

2024 Soybeans - Iowa Northwest [IANW]

All-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2050	E3	PK	2.0	NA
Apex	AE2350	E3	PK	2.3	F,I
Apex	AE2351	E3	M	2.3	NA
Asgrow	AG19XF3 §	RXF	R	1.9	ACi,IL
Asgrow	AG20XF4 §	RXF	R	2.0	ACi,IL
Asgrow	AG24XF4 §	RXF	R	2.4	ACi,IL
Cornelius	CB18XF88	RXF	M	1.8	PG+
Cornelius	CB20XF39	RXF	M	2.0	PG+
Cornelius	CB22XF52	RXF	M	2.2	PG+
Dyna-Gro	S19XF45	RXF	M	1.9	PLTM
Dyna-Gro	S20EN84	E3	PK	2.0	PLTM
Dyna-Gro	S22XF95	RXF	M	2.2	PLTM
Dyna-Gro	S25EN74	E3	PK	2.5	PLTM
FS HiSOY	HS 15F30	RXF	M	1.5	ACi,SA
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
Genesis	G2090E	E3	PK	2.0	CMBV,SA
Genesis	G2180E	E3	M	2.1	EcTC,SA
Genesis	G2390E	E3	PK	2.3	EcTC,SA
Genesis	G2391E	E3	M	2.3	CMBV,SA
Genesis	G2480E	E3	M	2.4	EcTC,SA
Golden Harvest	GH1973E3S §	E3,ST	PK	1.9	CMB-APX,SA
Golden Harvest	GH2004XF §	RXF	M	2.0	CMB-APX,SA
Golden Harvest	GH2292E3 §	E3	M	2.2	CMB-APX,SA
Golden Harvest	GH2315E3	E3	PK	2.3	Untreated
Hoegemeyer	2185 E	E3	PK	2.1	Lum, LumT, IL
Hoegemeyer	2395 E	E3	PK	2.3	Lum, LumT, IL
P3 Genetics	2218E	E3	M	1.8	PG+
P3 Genetics	2322E	E3	M	2.2	PG+
P3 Genetics	2520E	E3	PK	2.0	PG+
Pioneer	P19A37E §	E3	NA	1.9	Untreated
Pioneer	P19A66E §	E3	NA	1.9	Untreated
Pioneer	P22A67E §	E3	M	2.2	Untreated
Stine	20EG02 §	E3	M	2.0	TFX1,SA
Stine	22EG02 §	E3	M	2.2	TFX1,SA
Stine	25EG23 §	E3	M	2.5	TFX1,SA
Xitavo	XO 1632E	E3	M	1.6	PV,IL,OB,Rey

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Xitavo	XO 1822E	E3	M	1.8	PV,IL,OB,Rey
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

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.
§	United Soybean Board sponsored entry

Soybean Cyst Nematode (SCN) Resistance Rating

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

Soybeans Technologies

E3	Enlist E3®
RXF	XtendFlex®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

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,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 +
PLTM	DynaGro PLTM
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
TFX1,SA	Stine MyYield, Saltro
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.