

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

2024 Soybeans Top 30 Harvest Report

Iowa Northwest [IANW] SIOUX CENTER, IA
Chris Vander Brink, Sioux County, IA

All-Season Test	Maturity Group 1.6 - 2.5 S2024IANW01
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Harvest Max, Roundup
SOIL DESCRIPTION:	Galva silty clay loam, moderately drained, non- irrigated
SOIL CONDITION:	very high P, very high K, 7.7 pH, 7.6% OM, 27.5 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Liberty, Roundup Power Max 3, Outlook
Applied N-P-K (units):	0-0-0
SEDED - RATE - ROW:	May 13 120.0 /A 30" spacing
HARVESTED - STAND:	Sep 27 111.7 /A

TEST COMMENTS:

With a wet start to the season, this trial was planted a bit behind schedule compared to the field around it. However, yields were similar between the surrounding field average at around 78 bu/ac and the high end yields of this trial. Growing conditions were excellent throughout the season. Towards the end, dry conditions pushed the moisture content towards a fast harvest.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Cornelius	CB22XF52 ↗	RXF	2.2	M	80.7	10.1	2	108.0	805	1
FS HiSOY	HS 20E40 ↗	E3	2.0	M	80.2	10.6	1	111.0	800	2
Dyna-Gro	S25EN74 ↗	E3	2.5	PK	78.3	11.4	7	109.7	781	3
Asgrow	AG19XF3 § ↗	RXF	1.9	R	78.0	10.8	1	113.7	778	4
Cornelius	CB20XF39 ↗	RXF	2.0	M	77.7	10.1	3	116.0	775	5
Xitavo	XO 2305E ↗	E3	2.3	M	77.7	10.9	1	108.0	775	6
Genesis	G2480E ↗	E3	2.4	M	77.1	10.5	3	111.3	769	7
Pioneer	P22A67E § ↗	E3	2.2	M	76.6	12.4	1	114.3	764	8
Genesis	G2180E ↗	E3	2.1	M	76.5	11.3	0	112.0	763	9
Pioneer	P19A37E § ↗	E3	1.9	NA	76.4	11.8	3	110.3	762	10
Hoegemeyer	2185 E ↗	E3	2.1	PK	76.3	10.8	2	111.0	761	11
Apex	AE2351 ↗	E3	2.3	M	76.3	11.6	1	112.5	760	12
FS HiSOY	HS 18F40 ↗	RXF	1.8	M	76.2	10.4	1	109.0	760	13
Stine	22EG02 § ↗	E3	2.2	M	76.2	11.1	2	114.3	760	14
FS HiSOY	HS 25E30 ↗	E3	2.5	PK	75.9	11.5	6	112.0	757	15
Pioneer	P19A66E § ↗	E3	1.9	NA	75.5	10.6	2	113.7	753	16
Dyna-Gro	S19XF45 ↗	RXF	1.9	M	75.2	10.3	2	110.3	750	17
FS HiSOY	HS 22F40 ↗	RXF	2.2	M	75.2	10.8	3	108.7	750	18
P3 Genetics	2218E ↗	E3	1.8	M	75.2	10.9	2	112.0	750	19
FS HiSOY	HS 18E30 ↗	E3	1.8	PK	74.5	11.3	1	113.3	743	20
Xitavo	XO 1632E ↗	E3	1.6	M	74.3	11.1	3	114.3	741	21
Genesis	G2391E ↗	E3	2.3	M	74.1	11.0	3	111.7	739	22
Dyna-Gro	S22XF95 ↗	RXF	2.2	M	74.1	10.9	3	112.0	739	23
Xitavo	XO 2444E ↗	E3,ST	2.4	M	73.9	11.0	2	109.3	737	24
Xitavo	XO 2181E ↗	E3	2.1	M	73.8	10.9	1	114.3	736	25
P3 Genetics	2520E ↗	E3	2.0	PK	73.6	11.2	2	113.7	734	26
Xitavo	XO 1822E ↗	E3	1.8	M	73.6	11.0	3	109.7	734	27
Hoegemeyer	2395 E ↗	E3	2.3	PK	73.5	11.1	1	107.3	733	28
Golden Harvest	GH2292E3 § ↗	E3	2.2	M	73.3	10.7	3	112.7	731	29
Xitavo	XO 2075E ↗	E3	2.0	PK	73.1	11.7	2	112.0	729	30



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Averages = **74.0** **11.0** **2** **111.7** **738**

LSD (0.10) = 3.2 0.4 2

LSD (0.25) = 1.7 0.2 1

C.V. = 4.1

Historic yield: 61.29 bu/a, 3 yr(s)

Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.024

Prices: GMO = \$9.97

Report Date: 09/27/2024

† 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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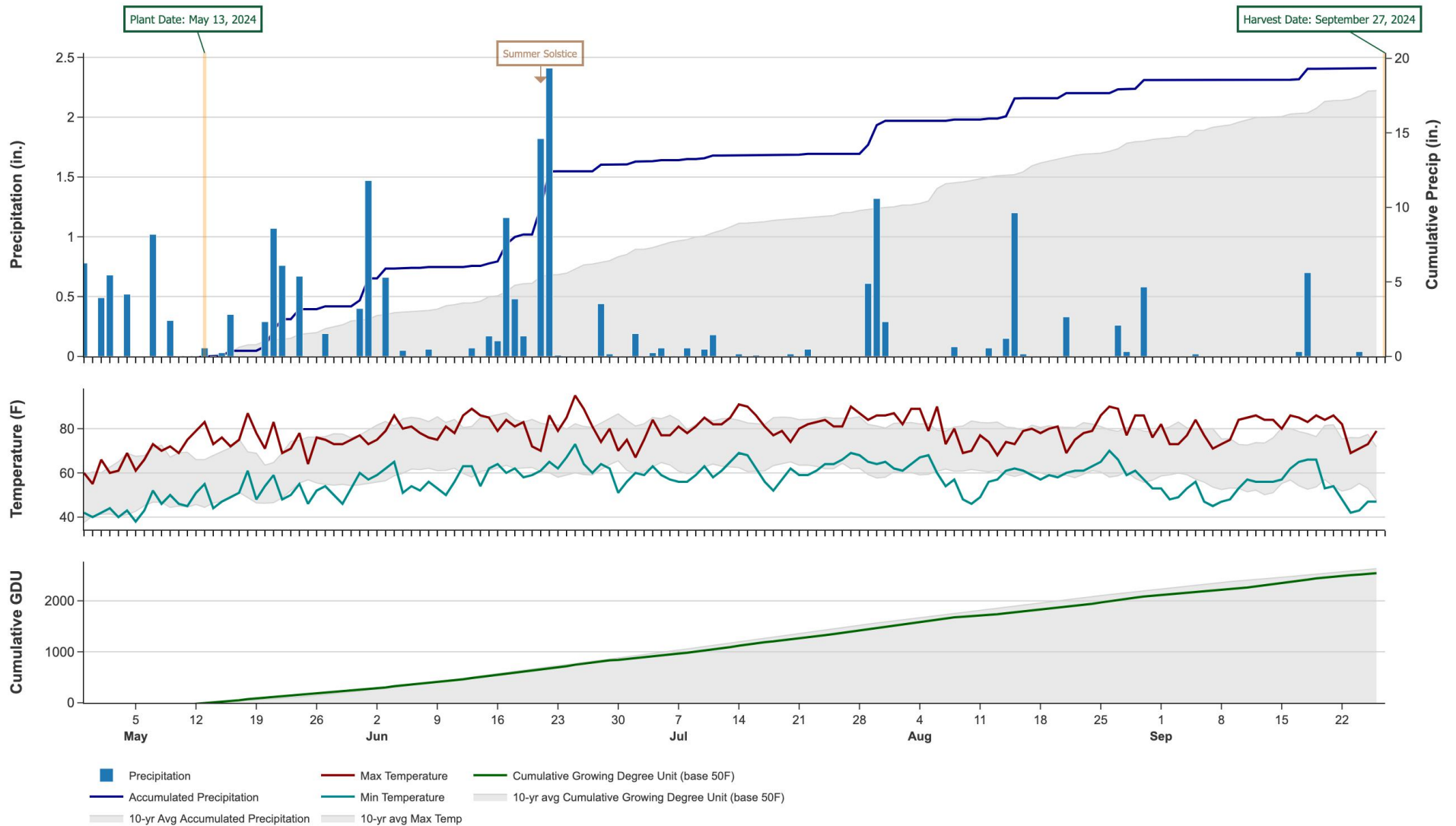
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2024 Soybeans - Iowa Northwest [IANW]

Weather Conditions Summary at SIOUX CENTER, IA

Weather Data Retrieved: 09/27/2024

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep*	Total
Precip (in) (Diff)	0.8 0.2 (+0.6)	6.8 4.3 (+2.6)	9.1 4.2 (+4.9)	2.9 3.3 (-0.4)	2.7 4.6 (-1.8)	0.8 3.3 (-2.5)	23.2 19.9 (+3.3)
GDU Avg (Diff)	5 5 (0)	378 336 (+41)	595 654 (-59)	660 706 (-46)	597 630 (-33)	442 414 (+27)	2677 2746 (-69)



* 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.