

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

2024 Soybeans Top 30 Harvest Report

Iowa Northwest [IANW] KINGSLEY, IA
Darin Sitzmann, Plymouth County, IA

All-Season Test	Maturity Group 1.6 - 2.5 S2024IANW04
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Roundup, Atrazine 4l, Keystone La Nxt, Resicore
SOIL DESCRIPTION:	Galva silty clay loam, well drained, non-irrigated
SOIL CONDITION:	high P, very high K, 7.7 pH, 4.5% OM, 20.8 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Cornbelt Salvan, Roundup Power Max, Enlite, Roundup Powermax 3, Outlook, Liberty, Approach Prima, Lambda-Cy Ec
FERTILITY - Applied N:	22 Fall, 28 Foliar Rescue, 149 Lbs MESZ
Applied N-P-K (units):	50-59-283
SEEDED - RATE - ROW:	May 14 120.0 /A 30" spacing
HARVESTED - STAND:	Oct 2 115.3 /A

TEST COMMENTS:

This trial was an excellent site in Northwest Iowa on a uniform generally flat piece of ground situated in the rolling hills. Heavier soils at this site made for great water-holding capacity which helped the beans finish out in the drier months of August and September. Excellent growing conditions were noted by the cooperators. However, like most of the region, harvest came with hot, dry, and windy conditions causing rapid dry down. This site was comparatively close to the reported surrounding field average of 68 bu/acre.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dyna-Gro	S25EN74 ↗	E3	2.5	PK	76.6	8.5	6	118.7	776	1
Genesis	G2480E ↗	E3	2.4	M	74.0	8.4	2	119.3	750	2
Stine	25EG23 § ↗	E3	2.5	M	72.2	8.5	4	117.0	731	3
Cornelius	CB18XF88 ↗	RXF	1.8	M	71.0	8.2	6	117.0	719	4
Genesis	G2391E ↗	E3	2.3	M	70.8	8.5	4	118.3	717	5
Xitavo	XO 1822E ↗	E3	1.8	M	70.4	8.5	3	117.3	713	6
Golden Harvest	GH2004XF § ↗	RXF	2.0	M	70.3	8.3	4	114.0	712	7
Golden Harvest	GH2292E3 § ↗	E3	2.2	M	70.1	8.3	3	118.0	710	8
Stine	22EG02 § ↗	E3	2.2	M	69.9	8.4	3	112.0	708	9
P3 Genetics	2218E ↗	E3	1.8	M	69.8	8.5	5	117.0	707	10
FS HiSOY	HS 25E30 ↗	E3	2.5	PK	69.6	8.4	9	117.0	705	11
Hoegemeyer	2185 E ↗	E3	2.1	PK	68.5	8.2	2	115.0	694	12
Stine	20EG02 § ↗	E3	2.0	M	68.2	8.9	4	118.0	691	13
FS HiSOY	HS 22F40 ↗	RXF	2.2	M	68.2	8.6	6	116.0	691	14
FS HiSOY	HS 20E40 ↗	E3	2.0	M	67.7	8.3	2	118.7	686	15
Cornelius	CB22XF52 ↗	RXF	2.2	M	67.2	8.2	10	117.0	681	16
Hoegemeyer	2395 E ↗	E3	2.3	PK	66.9	8.2	3	115.3	678	17
Xitavo	XO 1632E ↗	E3	1.6	M	66.8	8.5	2	118.3	677	18
Pioneer	P19A66E § ↗	E3	1.9	NA	66.7	8.3	3	114.3	676	19
FS HiSOY	HS 18F40 ↗	RXF	1.8	M	66.5	8.2	2	116.0	674	20
Apex	AE2050 ↗	E3	2.0	PK	66.4	8.7	2	116.7	673	21
Cornelius	CB20XF39 ↗	RXF	2.0	M	66.4	8.3	4	113.7	673	22
Dyna-Gro	S22XF95 ↗	RXF	2.2	M	66.2	8.3	5	112.0	671	23
Genesis	G2090E ↗	E3	2.0	PK	66.1	8.6	3	117.0	670	24
FS HiSOY	HS 23E40 ↗	E3	2.3	PK	65.9	8.4	4	108.0	668	25
Xitavo	XO 2625E ↗	E3	2.6	M	65.5	8.6	4	117.0	664	26
Xitavo	XO 2305E ↗	E3	2.3	M	65.5	8.5	4	118.0	664	27
Xitavo	XO 2444E ↗	E3,ST	2.4	M	64.8	8.3	4	117.0	656	28
Xitavo	XO 2075E ↗	E3	2.0	PK	64.7	8.5	1	116.3	655	29
Golden Harvest	GH1973E3S § ↗	E3,ST	1.9	PK	64.5	8.4	3	116.0	653	30



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Averages = **66.3** **8.4** **4** **115.3** **671**

LSD (0.10) = 3.8 0.1 ns

LSD (0.25) = 2.0 0.1 ns

C.V. = 5.5

Historic yield: new site

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$10.13

Report Date: 10/02/2024

† 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

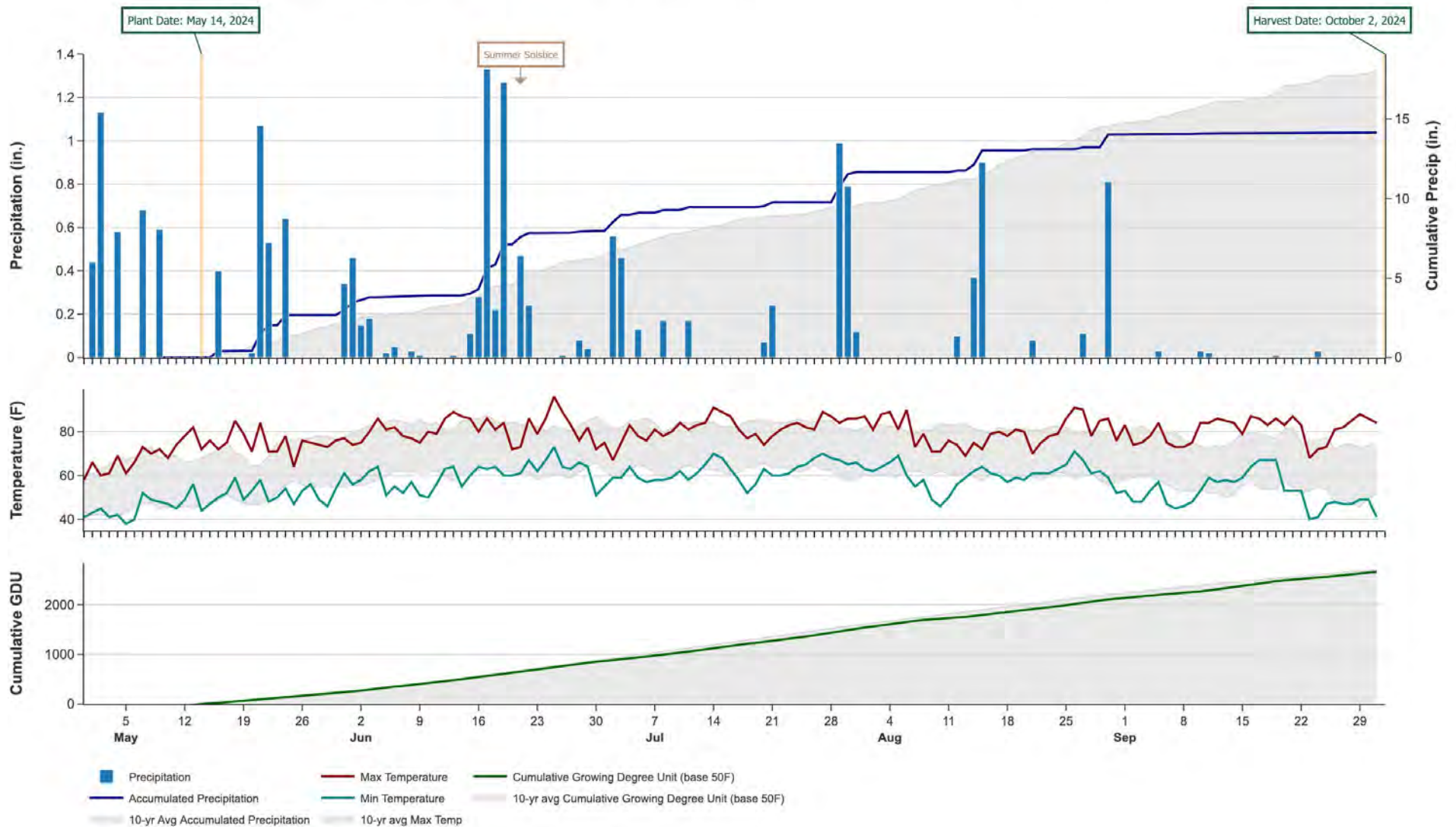
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2024 Soybeans - Iowa Northwest [IANW]

Weather Conditions Summary at KINGSLEY, IA

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	0.0 0.1 (-0.1)	6.4 4.0 (+2.4)	5.0 4.0 (+1.0)	3.7 3.3 (+0.4)	2.4 5.2 (-2.8)	0.1 3.2 (-3.1)	0.0 0.2 (-0.2)	17.6 20.1 (-2.5)
GDU Avg (Diff)	4 5 (-1)	378 341 (+36)	613 657 (-44)	664 710 (-46)	608 635 (-27)	524 465 (+58)	17 12 (+4)	2808 2829 (-21)



* 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.