

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

2024 Soybeans Top 30 Harvest Report

Iowa North [IANO] BRITT, IA

Donald Kirsch, Hancock County, IA 50483

All-Season Test	Maturity Group 1.6 - 2.5 S2024IANO02
Top 30 of 63	For Gross Income (Sorted by Yield) Average of () Replications
PREV. CROP/HERB:	Corn / Balance Flexx, Atrazine, Impact
SOIL DESCRIPTION:	Harcot clay loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	very low P, low K, 7.8 pH, 4.7% OM, 32.1 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Authority Supreme, Warrant, Clethodim
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 17 144.0 /A 30" spacing
HARVESTED - STAND:	

TEST COMMENTS:

Consistent rainfall from late April through May delayed planting in this area, especially in soils that are slower to drain. We were able to plant in mid-May, however, storms followed that left soils saturated for several weeks. In June, 5.2" of rain fell within a week on soils that were already mud, resulting in soil moisture levels above field capacity at this plot. The result was excessive stand loss from very poor and inconsistent germination across the entire field. Unfortunately, the plot was a loss. Donald mentioned that that particular field has not experienced so much water before where saturation caused so much stand loss.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
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Lost due to excessive rainfall with poor stands

Corey Rozenboom

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Averages =

LSD (0.10) = ns ns ns

LSD (0.25) = ns ns ns

C.V. =

Historic yield: 64.62 bu/a, 4 yr(s)

Yield & Income Factors:

Base Moisture = 15%

Shrink = 1.2

Drying = \$0.00

Prices: GMO = \$9.00

Report Date: 09/27/2024

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

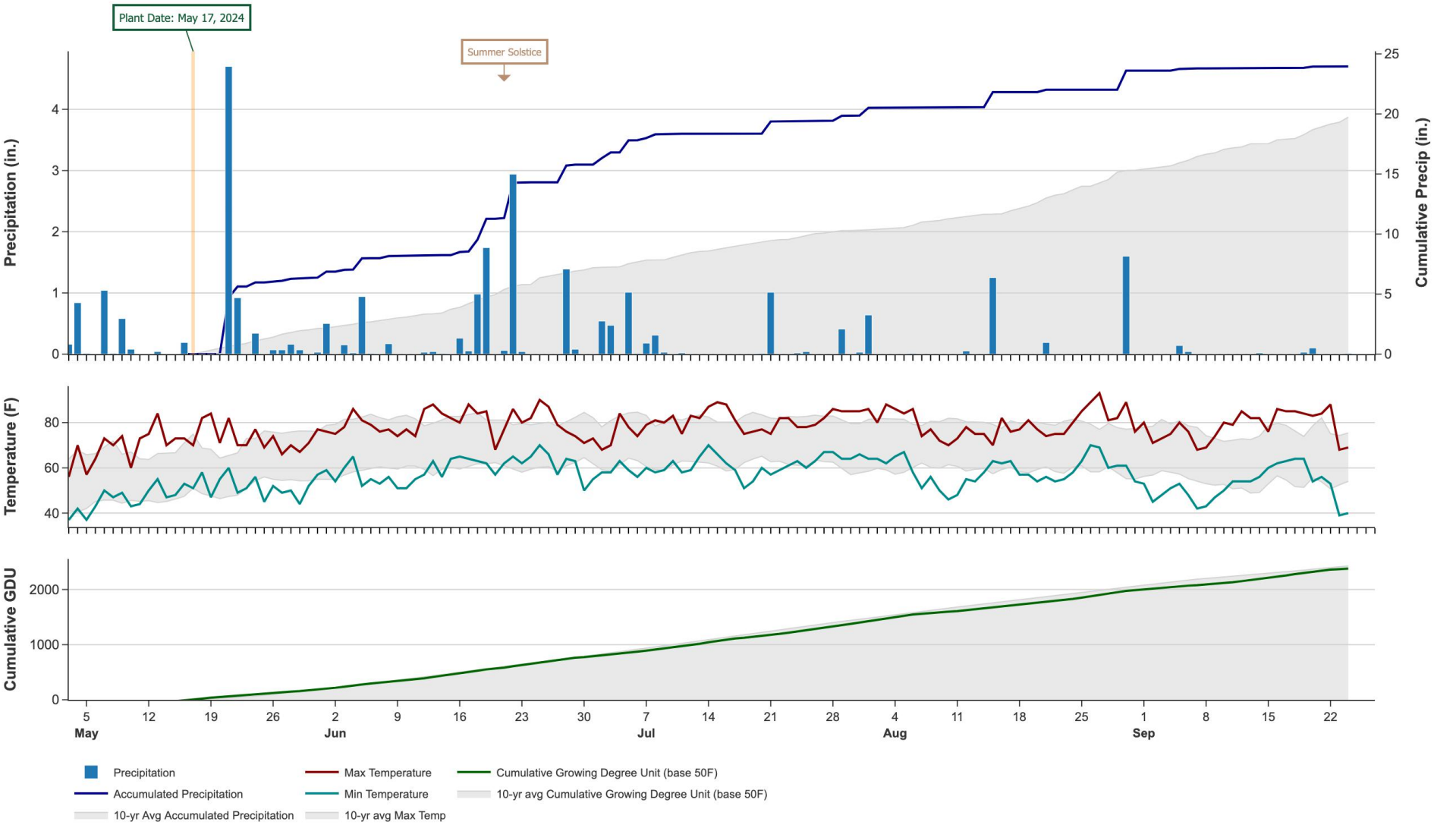
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Weather Conditions Summary at BRITT, IA

Weather Data Retrieved: 09/27/2024

Monthly Total	May*	Jun	Jul	Aug	Sep*	Total
Precip (in) (Diff)	9.3 4.4 (+4.9)	9.4 4.9 (+4.5)	4.1 3.4 (+0.7)	3.7 5.0 (-1.2)	0.3 4.4 (-4.1)	26.9 22.0 (+4.9)
GDU Avg (Diff)	330 306 (+23)	588 614 (-26)	629 669 (-40)	586 603 (-17)	390 363 (+26)	2523 2557 (-34)



* 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 (63 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
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	GH1875E3 §	E3	M	1.8	CMB-APX,SA
Golden Harvest	GH1973E3S	E3,ST	PK	1.9	CMB-APX,SA
Golden Harvest	GH2292E3 §	E3	M	2.2	CMB-APX,SA
Golden Harvest	GH2315E3 §	E3	PK	2.3	Untreated
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
Loyal	L1860E	E3	PK	1.8	F,I,B,NE,NU
Loyal	L2160E	E3	NA	2.1	F,I,B,NE,NU
Loyal	L2560E	E3	M	2.5	F,I,B,NE,NU
Loyal	LSX232-24E	E3	PK	2.3	F,I,B,NE,NU
NuTech	17N02E	E3	PK	1.7	Lum, LumT, IL
NuTech	20N06E	E3	PK	2.0	Lum, LumT, IL
NuTech	21N08E	E3	PK	2.1	Lum, LumT, IL
NuTech	22N04E	E3	PK	2.2	Lum, LumT, IL

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
NuTech	24N05E	E3	PK	2.4	Lum, LumT, IL
NuTech	25N05E	E3	PK	2.5	Lum, LumT, IL
P3 Genetics	2218E	E3	M	1.8	PG+
P3 Genetics	2322E	E3	M	2.2	PG+
P3 Genetics	2419E	E3	PK	1.9	PG+
P3 Genetics	2421E	E3	M	2.1	PG+
P3 Genetics	2520E	E3	PK	2.0	PG+
Pioneer	P21Z71E GC	E3	PK	2.1	Untreated
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	24EG23 §	E3	M	2.4	TFX1,SA
Titan Pro	TP 20E22	E3	PK	2.0	CMB-APX,SA
Xitavo	XO 1632E	E3	M	1.6	PV,IL,OB,Rey
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

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	CruiserMaxx® Beans, Vibrance®
CMBV,SA	Cruisermaxx® Beans, Vibrance®, Saltro®
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro®
F,I	Fungicide, Insecticide
F,I,B,NE,NU	Fungicide, Insecticide, Biological, Nematicide, Nutrition
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.