

Test by: Southern MN FIRST New Richland, MN

2024 Soybeans Top 30 Harvest Report

Minnesota Central Conventional Specialty [MNCECV]

LAFAYETTE, MN

Jon Thoreson, Nicollet County, MN

All-Season Test	Maturity Group 0.8 - 1.7 S2024MNCECV16
Top 29 of 29	For Gross Income (Sorted by Yield) Average of () Replications
PREV. CROP/HERB:	Corn / NA
SOIL DESCRIPTION:	Canisteo-Glencoe Complex clay loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	medium P, very high K, 7.8 pH, 7.9% OM, 31.0 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	
Applied N-P-K (units):	0-0-0
SEDED - RATE - ROW:	May 18 140.0 /A " spacing
HARVESTED - STAND:	Oct 8

TEST COMMENTS:

Plot host Jon reported over 12" of rain in June alone. The tile drainage lines were already full of water with nowhere to drain due to the monsoons in southern Minnesota. The soil was saturated, stunting the growth of the soybeans to where I could not harvest enough of a soybean sample to get a moisture reading. Mother Nature has had an exciting year. All the farmers I know are not amused. This site was not harvestable due to excessive rains after planting.

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 to heavy rains, saturated soil after planting

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Mark Querna

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Averages =

LSD (0.10) = ns ns ns

LSD (0.25) = ns ns ns

C.V. =

Historic yield: 54.28 bu/a, 3 yr(s)

Yield & Income Factors:

Base Moisture = 15%

Shrink = 1.2

Drying = \$0.00

Prices: GMO = \$9.00

Report Date: 10/09/2024

† 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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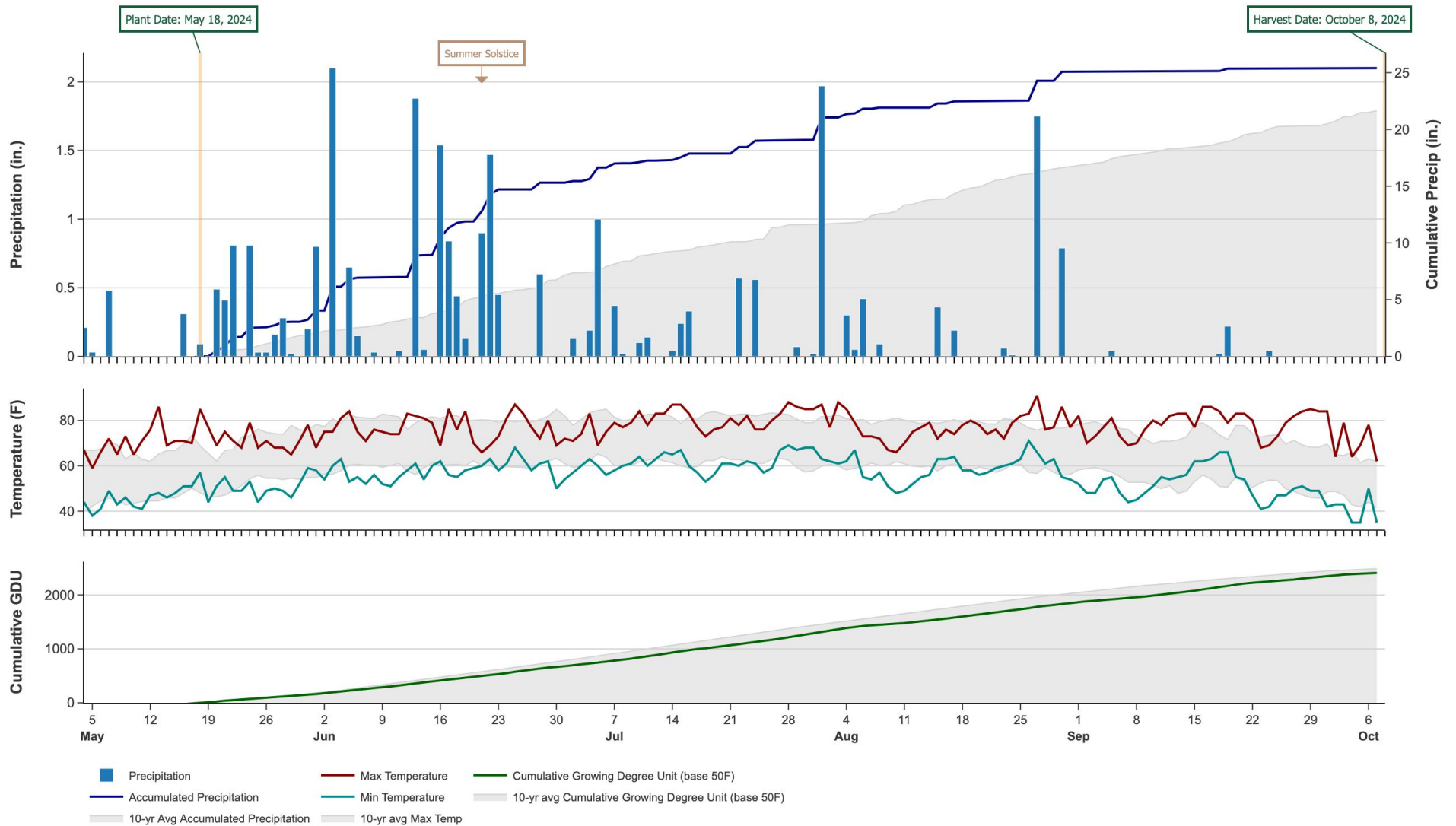
Additional reports available at www.firstseedtests.com

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Weather Conditions Summary at LAFAYETTE, MN

Weather Data Retrieved: 10/09/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	4.4 4.5 (-0.1)	12.1 4.8 (+7.2)	3.8 4.9 (-1.1)	6.0 5.2 (+0.8)	0.3 3.5 (-3.2)	0.0 1.3 (-1.3)	26.5 24.2 (+2.3)
GDU Avg (Diff)	307 289 (+17)	514 601 (-87)	632 669 (-37)	559 595 (-36)	485 405 (+79)	69 50 (+18)	2566 2612 (-46)



* 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 (29 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG14XF4 §	RXF	R	1.4	ACi,IL
Brushvale	BS1146 §	CONV	R	1.2	NA
Brushvale	BS12S642 §	CONV	NA	1.2	NA
Brushvale	BS1512 GC	CONV	NA	1.4	NA
DF Seeds	DF 174 N §	CONV	R	1.7	DFender
DF Seeds	DF 187 N §	CONV	R	1.8	DFender
DF Seeds	EXP 1.7	CONV	NA	1.7	Untreated
DF Seeds	EXP 1.9	CONV	NA	1.9	Untreated
Grain Millers	GSP 17	CONV	S	1.7	F
Legacy	LS121-22C GC	CONV	NA	1.2	F,I
Legacy	LS151-24C §	CONV	NA	1.5	F,I
NK Brand	NK11-U2XF §	RXF	M	1.1	CMB-APX,SA
Pioneer	P11A50 §	CONV	R	1.1	Untreated
Pioneer	P15A20 §	CONV	R	1.5	Untreated
Pioneer	P18A82 §	CONV	R	1.8	Untreated
Puris	PS179 §	CONV	NA	1.7	NA
Richland IFC	MK0603 GC	CONV	S	0.6	NA
Richland IFC	MK808CN GC	CONV	M	0.8	NA
SB & B Foods	SB1270	CONV	S	1.2	Untreated
SB & B Foods	SB700	CONV	S	0.7	Untreated
SB & B Foods	SB712	CONV	M	1.2	Untreated
Sevita	ALINOVA	CONV	NA	1.5	F,I,NE
Sevita	HALDI	CONV	NA	1.5	F,I,NE
Stine	13EG23 §	E3	M	1.3	TFX1,SA
Thunder	TC1215N GC	CONV	NA	1.5	F
Viking Blue River	1223N	CONV	M	1.2	Untreated
Viking Blue River	15B5	CONV	MR	1.5	Untreated
Viking Blue River	1700N	CONV	M	1.7	Untreated
Viking Blue River	1718N	CONV	M	1.7	Untreated

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 Source or Rating

Note: Source of SCN resistance used when available, otherwise older susceptibility ratings are reported.

M	PI 88788 (MR)
PK	Peking (R)
H	Hartwig (R)
B	Blend (PK + M)
MR	moderate resistance
R	resistant
S	susceptible
NA	info unavailable

Soybeans Technologies

CONV	Conventional
E3	Enlist E3®
RXF	XtendFlex®

Soybeans Seed Treatments*

NA	Not Available
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
CMB-APX,SA	CruiserMaxx® APX with Salto®
DFender	DFender (Legacy Seeds)
F	Fungicide
F,I	Fungicide, Insecticide
F,I,NE	Fungicide, Insecticide, Nematicide
TFX1,SA	Stine MyYield, Salto
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.