

Test by: Southern MN FIRST New Richland, MN

## 2023 Soybeans Top 30 Harvest Report

Minnesota South Conventional Specialty [MNSOCV]

MADISON LAKE, MN

Mike Krenik, Le Sueur County, MN 56063

### All-Season Test

Maturity Group 1.4 - 2.3  
S2023MNSOCV09

### Top 30 of 36

For Gross Income  
(Sorted by Yield)  
Average of (3) Replications

### PREV. CROP/HERB:

Corn / Surestart II, Laudis,  
Revolin Q

### SOIL DESCRIPTION:

Le Sueur loam, moderately  
drained, non-irrigated

### SOIL CONDITION:

very high P, very high K, 6.6 pH,  
5.6% OM, 22.3 CEC

### TILLAGE/CULTIVATION:

Conventional W/ Fall Till

### PEST MANAGEMENT:

Authority Supreme, Flexstar,  
Cobra, Section Three

### Applied N-P-K (units):

0-0-0

### SEEDED - RATE - ROW:

May 31 140.0 /A 30" spacing

### HARVESTED - STAND:

Oct 22 123.7 /A

### TEST COMMENTS:

Planted into dry soil, and pre-emerge herbicide was not effective due to lack of rain for activation. Early soybean growth was slow, but waterhemp got a terrific start. Post-emergence herbicides and cultivation took care of the weeds July was quite dry, but good rains in early August provided just enough moisture to encourage large soybean size at harvest. No disease or pest pressure was noted here. Non-GMO food grade varieties are shown with a price premium of \$2.50 per bushel. Premiums can range from \$2 to \$6 or more over CBOT price, depending on quality traits.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Asgrow	AG21XF2 § ↗	RXF	2.1	R	<b>78.5</b>	12.0	0	123.7	1001	6
Sevita	SVX20T2S24 ↗	CONV	2.4	R	<b>73.2</b>	11.9	0	126.0	1116	1
Stine	19EG92 § ↗	E3	1.9	R	<b>71.0</b>	11.7	0	125.7	905	15
Virtue	C3015 (2122) § ↗	CONV	2.1	NA	<b>70.4</b>	12.0	0	125.3	1074	2
Sevita	ROWAN ↗	CONV	2.0	R	<b>69.4</b>	12.1	0	124.3	1058	3
Golden Harvest	GH2292E3 § ↗	E3	2.2	MR	<b>68.7</b>	11.5	0	124.0	876	19
Pioneer	P19A37E § ↗	E3	1.9	NA	<b>68.4</b>	11.8	0	124.7	872	20
Golden Harvest	GH1802E3 § ↗	E3	1.8	R	<b>68.4</b>	11.8	0	126.3	872	21
Stine	20EG02 § ↗	E3	2.0	R	66.9	11.9	0	118.7	853	25
Sevita	CANDOR ↗	CONV	1.9	NA	66.5	12.0	0	125.3	1014	4
Viking   Blue River	1718N ↗	CONV	1.7	MR	65.9	12.1	0	124.7	1005	5
Viking   Blue River	2155N ↗	CONV	2.1	MR	65.6	12.1	5	117.0	1000	7
Viking   Blue River	2022N ↗	CONV	2.0	MR	65.3	11.5	0	124.7	996	8
Asgrow	AG18XF1 § ↗	RXF	1.8	R	65.0	11.8	0	125.7	829	29
Viking   Blue River	IAS19C3 ↗	CONV	2.1	MR	64.6	11.6	0	124.3	985	9
DF Seeds	DF 174 N ↗	CONV	1.7	R	64.5	11.8	0	124.7	984	10
Grain Millers	GSP 17 ↗	CONV	1.7	S	64.4	12.5	0	124.7	982	11
Brushvane	BS1940 § ↗	CONV	1.9	NA	63.8	11.8	0	124.7	973	12
DF Seeds	DF 187 N ↗	CONV	1.8	R	63.6	12.5	0	124.0	970	13
Virtue	V1821 § ↗	CONV	1.8	NA	62.6	11.7	0	123.7	955	14
Viking   Blue River	1700N ↗	CONV	1.7	NA	59.3	11.7	0	125.0	904	16
Brushvane	BS1512 § ↗	CONV	1.4	NA	58.0	11.6	0	125.3	884	17
Pioneer	P15A20 § ↗	CONV	1.5	R	58.0	11.8	1	122.0	884	18
SB & B Foods	SB19 ↗	CONV	1.9	S	56.9	11.6	0	126.0	868	22
Sevita	ODESSA ↗	CONV	1.1	S	56.3	11.9	1	116.3	859	23
MNCIA	M07-297007HOLL-4 ↗	CONV	1.7	NA	56.1	11.8	1	123.3	856	24
DF Seeds	DF 193 F ↗	CONV	1.9	R	55.3	11.9	5	118.3	843	26
Brushvane	BS1146 GC ↗	CONV	1.2	R	54.9	11.8	0	122.7	837	27
Pioneer	P21A20 § ↗	CONV	2.1	R	54.7	12.0	0	126.0	834	28
MNCIA	M07-297007HOLL-1 ↗	CONV	1.9	NA	54.2	11.4	0	125.0	827	30

Averages = **62.2** **11.8** **1** **123.7** **906**

LSD (0.10) = 5.9 0.4 ns

LSD (0.25) = 3.1 0.2 ns

C.V. = 9.0

Historic yield: 59.22 bu/a, 16 yr(s)

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**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.02 Prices: GMO = \$12.75; non-GMO = \$15.25

Report Date: 10/22/2023

† 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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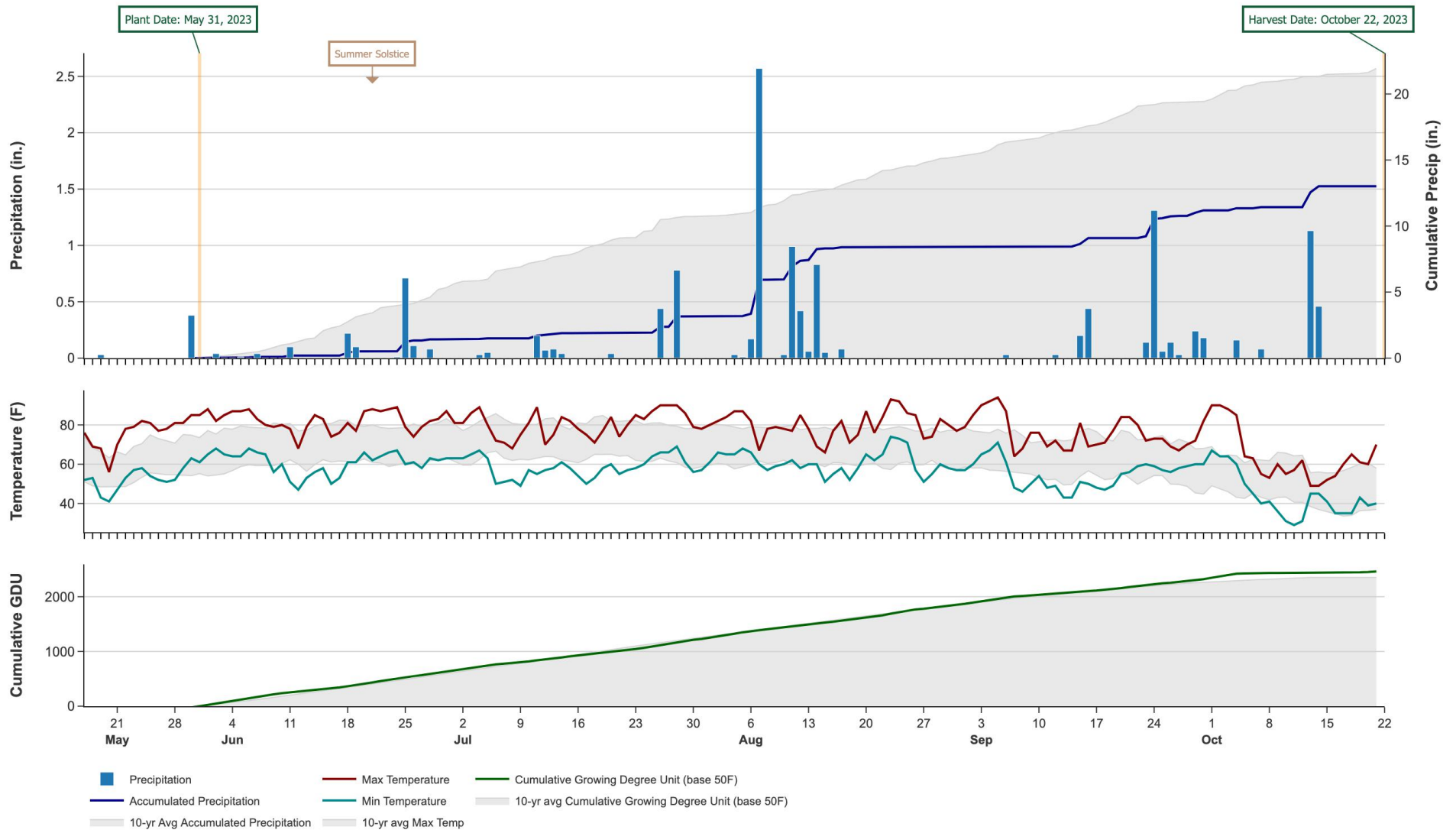
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## Weather Conditions Summary at MADISON LAKE, MN

Weather Data Retrieved: 10/22/2023

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	0.4   2.8 (-2.4)	1.4   5.3 (-3.9)	1.7   5.4 (-3.7)	5.2   4.5 (+0.7)	2.8   4.2 (-1.4)	1.8   2.5 (-0.7)	13.4   24.7 (-11.3)
GDU   Avg (Diff)	227   172 (+54)	636   588 (+47)	593   671 (-78)	624   592 (+31)	468   413 (+54)	140   84 (+55)	2688   2522 (+165)



\* 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 (36 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG18XF1 §	RXF	R	1.8	ACi,IL
Asgrow	AG19XF3 §	RXF	R	1.9	ACi,IL
Asgrow	AG21XF2 §	RXF	R	2.1	ACi,IL
Brushvale	BS1146 GC	CONV	R	1.2	NA
Brushvale	BS1512 §	CONV	NA	1.4	NA
Brushvale	BS1940 §	CONV	NA	1.9	NA
DF Seeds	DF 174 N	CONV	R	1.7	DFender
DF Seeds	DF 187 N	CONV	R	1.8	DFender
DF Seeds	DF 193 F	CONV	R	1.9	DFender
Golden Harvest	GH1802E3 §	E3	R	1.8	CMB-APX,SA
Golden Harvest	GH2292E3 §	E3	MR	2.2	CMB-APX,SA
Grain Millers	GSP 1.5 EXP	CONV	R	1.5	Untreated
Grain Millers	GSP 17	CONV	S	1.7	Untreated
MNCIA	M07-297007HOLL-1	CONV	NA	1.9	NA
MNCIA	M07-297007HOLL-4	CONV	NA	1.7	NA
MNCIA	M10-238-2036 (MN1510HO)	CONV	NA	1.5	Treated
Pioneer	P11A50 §	CONV	R	1.1	Lum, LumT, IL
Pioneer	P15A20 §	CONV	R	1.5	Untreated
Pioneer	P19A37E §	E3	NA	1.9	Lum
Pioneer	P21A20 §	CONV	R	2.1	Lum, LumT, IL
SB & B Foods	SB19	CONV	S	1.9	Untreated
Sevita	ALINOVA	CONV	R	1.5	F,I,SA
Sevita	CANDOR	CONV	NA	1.9	F,I,SA
Sevita	ODESSA	CONV	S	1.1	F,I,SA
Sevita	ROWAN	CONV	R	2.0	F,I,SA
Sevita	SVX20T2S24	CONV	R	2.4	F,I,SA
Stine	14EG32 §	E3	R	1.4	ACi
Stine	19EG92 §	E3	R	1.9	ACi
Stine	20EG02 §	E3	R	2.0	ACi
Viking   Blue River	1700N	CONV	NA	1.7	Untreated
Viking   Blue River	1718N	CONV	MR	1.7	Untreated
Viking   Blue River	2022N	CONV	MR	2.0	Untreated
Viking   Blue River	2155N	CONV	MR	2.1	Untreated
Viking   Blue River	IAS19C3	CONV	MR	2.1	Untreated
Virtue	C3015 (2122) §	CONV	NA	2.1	NA
Virtue	V1821 §	CONV	NA	1.8	NA

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

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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

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

### Soybeans Technologies

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CONV	Conventional
E3	Enlist E3®
RXF	XtendFlex®

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### Soybeans Seed Treatments\*

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NA	Not Available
ACi	Acceleron® Standard Insecticide-Fungicide
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
CMB-APX,SA	CruiserMaxx® APX with Saltro®
DFender	DFender (Legacy Seeds)
F,I,SA	Fungicide, Insecticide, Saltro®
Lum	LumiGEN™
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
Treated	Treated, unspecified
Untreated	No seed treatment

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\* Seed treatments may include unspecified plant health promoting components.