

Test by: Southern MN FIRST New Richland, MN

## 2023 Soybeans Top 30 Harvest Report

Minnesota Central Conventional Specialty [MNCECV]

HECTOR, MN

Macik Family Partnership, Myron Macik, Renville County, MN

### All-Season Test

Maturity Group **0.8 - 1.7**  
S2023MNCECV14

### Top 30 of 36

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

### PREV. CROP/HERB:

Corn / Laudis Fb Atrazine

### SOIL DESCRIPTION:

Nicollet silty clay loam,  
moderately drained, non-  
irrigated

### SOIL CONDITION:

very high P, medium K, 6.8 pH,  
5.6% OM, 23.4 CEC

### TILLAGE/CULTIVATION:

Conventional W/ Fall Till

### PEST MANAGEMENT:

Raptor, Basagran, Clethodim

### FERTILITY - Applied N:

Spring '22 : 180-95-90-24S

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

0-0-0

### SEEDED - RATE - ROW:

May 23 130.0 /A 30" spacing

### HARVESTED - STAND:

Oct 20 115.1 /A

### TEST COMMENTS:

Planting conditions were excellent with good moisture in the soil. Rainfall was about 13.25" from planting through Aug. No weeds were present at harvest. A strong hail event came through on July 24, and defoliated 40-50% of the leaves. Some varieties recovered better than others. This was an excellent plot site other than the hail damage. Plants were shorter than normal, and these yields should be viewed with caution. Non-GMO food-grade varieties are shown with a yield premium of \$2.50/bu. Premiums can range from \$2 to \$6 over the Chicago Board of Trade price, depending on the quality.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Stine	17EE32 § ↗	E3	1.7	R	<b>65.3</b>	13.0	0	114.0	833	3
Asgrow	AG15XF2 § ↗	RXF	1.5	R	<b>60.0</b>	12.8	0	113.7	765	6
Virtue	V1821 § ↗	CONV	1.8	NA	<b>59.4</b>	12.8	0	115.0	906	1
Viking   Blue River	1223N ↗	CONV	1.2	MR	<b>57.7</b>	12.4	0	117.3	880	2
Stine	10EF23 § ↗	E3	1.0	R	<b>57.6</b>	12.4	0	117.3	734	11
Stine	14EG32 § ↗	E3	1.4	R	<b>57.0</b>	12.7	0	114.7	727	12
Asgrow	AG16XF3 § ↗	RXF	1.6	R	<b>56.7</b>	12.6	0	117.0	723	13
Golden Harvest	GH0933E3 § ↗	E3	0.9	R	<b>54.9</b>	12.5	0	115.3	700	14
Pioneer	P18A82 § ↗	CONV	18.0	R	<b>54.0</b>	12.4	0	115.7	824	4
Viking   Blue River	1718N ↗	CONV	1.7	MR	<b>53.5</b>	12.7	0	116.0	816	5
Stine	08EG62 § ↗	E3	0.8	R	<b>51.4</b>	12.6	0	116.0	655	18
Grain Millers	GSP 17 ↗	CONV	1.7	S	49.8	13.1	0	115.7	759	7
Pioneer	P15A20 § ↗	CONV	1.5	R	49.5	13.0	0	114.0	755	8
Sevita	BARTON ↗	CONV	1.4	R	49.1	12.7	0	113.3	749	9
Viking   Blue River	0821N ↗	CONV	0.8	MR	48.6	12.7	0	117.3	741	10
Golden Harvest	GH1323XF § ↗	RXF	1.3	R	47.5	12.9	0	115.3	606	21
DF Seeds	DF 123 ↗	CONV	1.2	S	45.1	12.8	0	117.0	688	15
Pioneer	P11T36E § ↗	E3	1.1	NA	44.8	12.6	0	114.3	571	25
Asgrow	AG09XF3 § ↗	RXF	0.9	R	44.0	12.6	0	116.0	561	26
SB & B Foods	SB19 ↗	CONV	1.9	S	43.9	13.2	0	112.7	669	16
Sevita	SVX23T1S62 ↗	CONV	1.5	R	43.1	12.9	0	115.3	657	17
Sevita	ALINOVA ↗	CONV	1.5	R	42.3	12.3	0	113.0	645	19
Sevita	FINCH ↗	CONV	0.9	S	40.1	13.0	0	114.7	611	20
MNCIA	M10-238-2036 (MN1510HO) GC ↗	CONV	1.5	NA	39.0	12.5	0	113.0	595	22
Viking   Blue River	1700N ↗	CONV	1.7	NA	38.1	13.2	0	117.3	581	23
Pioneer	P11A50 § ↗	CONV	1.1	R	37.6	12.6	0	114.0	573	24
SB & B Foods	SB49 ↗	CONV	0.4	R	36.0	12.7	0	114.7	549	27
Sevita	PROSEEDS SKYLINE ↗	CONV	1.1	R	35.6	13.0	0	113.0	543	28
Grain Millers	GSP 1.5 EXP ↗	CONV	1.5	R	34.5	12.8	0	115.3	526	29
Brushvale	BS1146 § ↗	CONV	1.2	R	34.1	12.9	0	114.0	520	30

Averages = **44.9** **12.8** **115.1** **646**

LSD (0.10) = 5.8 ns ns

LSD (0.25) = 3.0 ns ns

C.V. = 12.2

Historic yield: 49.96 bu/a, 1 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: 10/21/2023

† 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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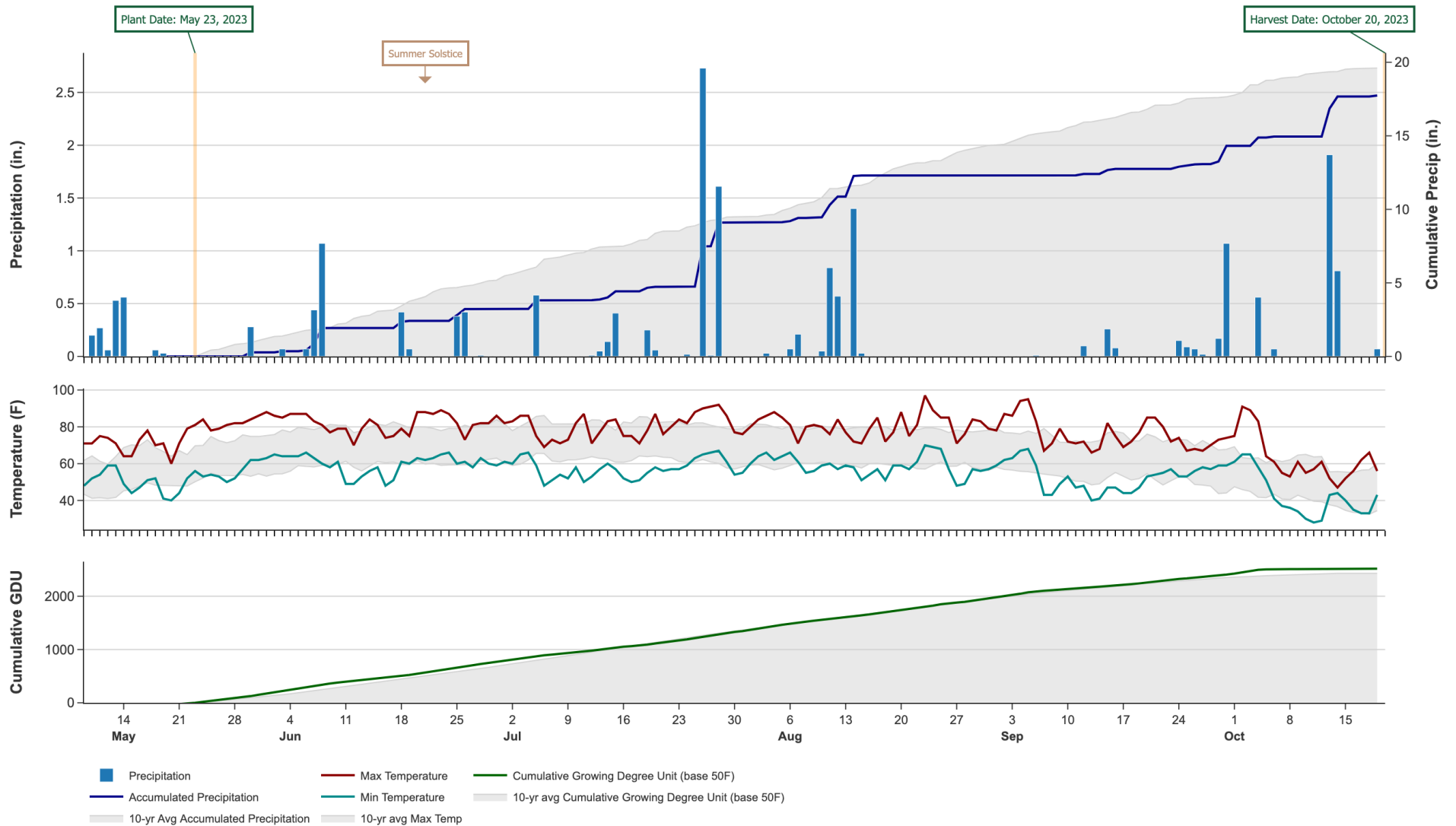
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# 2023 Soybeans - Minnesota Central Conventional Specialty [ MNCECV ]

## Weather Conditions Summary at HECTOR, MN

Weather Data Retrieved: 10/21/2023

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	2.0   3.4 (-1.4)	3.0   4.1 (-1.1)	5.9   4.3 (+1.6)	3.2   4.8 (-1.6)	2.0   3.3 (-1.3)	3.4   1.9 (+1.5)	19.4   21.9 (-2.5)
GDU   Avg (Diff)	328   229 (+98)	622   580 (+41)	575   674 (-99)	607   592 (+14)	453   395 (+57)	110   80 (+29)	2695   2552 (+142)



\* 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	AG09XF3 §	RXF	R	0.9	ACi,IL
Asgrow	AG15XF2 §	RXF	R	1.5	ACi,IL
Asgrow	AG16XF3 §	RXF	R	1.6	ACi,IL
Brushvale	BS1146 §	CONV	R	1.2	NA
Brushvale	BS1512 §	CONV	NA	1.4	NA
DF Seeds	DF 123	CONV	S	1.2	DFender
DF Seeds	DF EX23C1.01	CONV	S	1.0	DFender
DF Seeds	DF EX23C1.02	CONV	S	1.0	DFender
Golden Harvest	GH0933E3 §	E3	R	0.9	CMB-APX,SA
Golden Harvest	GH1323XF §	RXF	R	1.3	CMB-APX,SA
Grain Millers	GSP 1.5 EXP	CONV	R	1.5	Untreated
Grain Millers	GSP 17	CONV	S	1.7	Untreated
MNCIA	M10-238-2036 (MN1510HO) GC	CONV	NA	1.5	Treated
Pioneer	P11A50 §	CONV	R	1.1	Lum, LumT, IL
Pioneer	P11T36E §	E3	NA	1.1	Lum, LumT, IL
Pioneer	P15A20 §	CONV	R	1.5	Untreated
Pioneer	P18A82 §	CONV	R	18.0	Lum, LumT, IL
SB & B Foods	SB1270	CONV	S	1.2	Untreated
SB & B Foods	SB19	CONV	S	1.9	Untreated
SB & B Foods	SB49	CONV	R	0.4	Untreated
SB & B Foods	SB700	CONV	S	0.7	Untreated
Sevita	ALINOVA	CONV	R	1.5	F,I,SA
Sevita	BARTON	CONV	R	1.4	F,I,SA
Sevita	FINCH	CONV	S	0.9	F,I,SA
Sevita	ODESSA	CONV	S	1.1	F,I,SA
Sevita	PROSEEDS SKYLINE	CONV	R	1.1	ViT,Va,Sa
Sevita	SVX23T1S62	CONV	R	1.5	F,I,SA
Stine	08EG62 §	E3	R	0.8	ACi
Stine	10EF23 §	E3	R	1.0	NA
Stine	14EG32 §	E3	R	1.4	ACi
Stine	17EE32 §	E3	R	1.7	ACi
Viking   Blue River	0821N	CONV	MR	0.8	Untreated
Viking   Blue River	1223N	CONV	MR	1.2	Untreated
Viking   Blue River	1700N	CONV	NA	1.7	Untreated
Viking   Blue River	1718N	CONV	MR	1.7	Untreated
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, LumT, IL	LumiGEN™, LumiTreo, ILEVO
Treated	Treated, unspecified
Untreated	No seed treatment
ViT,Va,Sa	Vibrance® Trio, Vayantis, Saltro

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