

Test by: Southern MN FIRST New Richland, MN

## 2024 Soybeans Top 30 Harvest Report

Minnesota Central Conventional Specialty [MNCECV]  
 GLENCOE, MN  
 Brian Brinkman, McCloud County, MN

**All-Season Test** Maturity Group **0.8 - 1.7**  
 S2024MNCECV15

**Top 29 of 29** For Gross Income  
 (Sorted by Yield)  
 Average of (3) Replications

**PREV. CROP/HERB:** Corn / Harness, Tripleflex,  
 Seeker, Atrazine, Stinger

**SOIL DESCRIPTION:** Clarion loam, mod. well drained,  
 non-irrigated

**SOIL CONDITION:** very high P, very high K, 5.8 pH,  
 4.2% OM, 20.9 CEC

**TILLAGE/CULTIVATION:** Conventional W/ Fall Till

**PEST MANAGEMENT:** Sonic, Tricore, Fronrunner,  
 Clethodim, Phoenix, Aphid  
 Control In August

**FERTILITY - Applied N:** 15# Sulfur

**Applied N-P-K (units):** 0-20-60

**SEEDED - RATE - ROW:** May 17 140.0 /A 30" spacing

**HARVESTED - STAND:** Oct 4 124.0 /A

### TEST COMMENTS:

The plot was planted in great conditions. A 5" rain in early June played havoc with post-emergence spraying. Brian did cultivate this plot site. This specialty plot was on higher ground than the MNSC site right next to it, so weed control was better in this plot. Rainfalls were more balanced through July and August, and plants were taller here than at some sites in southern MN. Seed size was larger than at sites that received very little rain in August and September. The \$3.50 premiums shown here for all specialty varieties could be different for specific varieties. Be sure to consult with buyers about specific premiums offered for their varieties.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Viking   Blue River	1223N ↗	CONV	1.2	M	<b>72.9</b>	9.1	0	125.0	999	1
Legacy	LS121-22C GC ↗	CONV	1.2	NA	<b>72.5</b>	9.6	0	126.7	993	2
Thunder	TC1215N GC ↗	CONV	1.5	NA	<b>71.5</b>	9.2	1	121.3	980	3
NK Brand	NK11-U2XF § ↗	RXF	1.1	M	<b>71.1</b>	9.5	0	123.7	725	24
Pioneer	P18A82 § ↗	CONV	1.8	R	<b>70.6</b>	9.9	0	126.0	967	4
Stine	13EG23 § ↗	E3	1.3	M	<b>67.1</b>	9.7	2	118.3	684	27
Viking   Blue River	15B5 ↗	CONV	1.5	MR	<b>66.7</b>	9.3	0	122.7	914	5
Sevita	ALINOVA ↗	CONV	1.5	NA	66.3	9.2	0	124.3	908	6
Legacy	LS151-24C § ↗	CONV	1.5	NA	65.3	9.2	0	123.0	895	7
Viking   Blue River	1718N ↗	CONV	1.7	M	64.6	9.6	0	124.7	885	8
Pioneer	P11A50 § ↗	CONV	1.1	R	64.5	9.3	0	125.0	884	9
Asgrow	AG14XF4 § ↗	RXF	1.4	R	64.1	9.5	0	123.3	654	29
Grain Millers	GSP 17 ↗	CONV	1.7	S	63.1	10.7	0	124.0	864	10
SB & B Foods	SB1270 ↗	CONV	1.2	S	62.9	9.2	0	124.3	862	11
Pioneer	P15A20 § ↗	CONV	1.5	R	60.9	9.6	0	124.7	834	12
DF Seeds	EXP 1.7 ↗	CONV	1.7	NA	60.8	9.6	0	124.7	833	13
Brushvale	BS12S642 § ↗	CONV	1.2	NA	60.2	9.9	1	124.7	825	14
DF Seeds	EXP 1.9 ↗	CONV	1.9	NA	58.4	10.5	6	124.0	800	15
DF Seeds	DF 174 N § ↗	CONV	1.7	R	57.9	10.2	7	123.3	793	16
Brushvale	BS1512 GC ↗	CONV	1.4	NA	57.7	8.8	3	124.3	790	17
Richland IFC	MK0603 GC ↗	CONV	0.6	S	57.6	9.1	6	123.7	789	18
Sevita	HALDI ↗	CONV	1.5	NA	57.3	9.7	0	123.7	785	19
Viking   Blue River	1700N ↗	CONV	1.7	M	56.7	8.9	0	123.7	777	20
DF Seeds	DF 187 N § ↗	CONV	1.8	R	56.0	11.3	7	125.0	767	21
SB & B Foods	SB700 ↗	CONV	0.7	S	55.8	9.2	0	123.3	764	22
Puris	PS179 § ↗	CONV	1.7	NA	55.3	9.3	0	124.7	758	23
SB & B Foods	SB712 ↗	CONV	1.2	M	52.9	9.5	0	123.7	725	25
Brushvale	BS1146 § ↗	CONV	1.2	R	52.2	9.7	1	125.7	715	26
Richland IFC	MK808CN GC ↗	CONV	0.8	M	49.4	10.2	0	125.7	677	28

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Averages = **61.8** **9.6** **1** **124.0** **822**

LSD (0.10) = 4.6 0.5 ns

LSD (0.25) = 2.4 0.2 ns

C.V. = 7.1

Historic yield: 54.1 bu/a, 15 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.02 Prices: GMO = \$10.20; non-GMO = \$13.70

Report Date: 10/04/2024

† 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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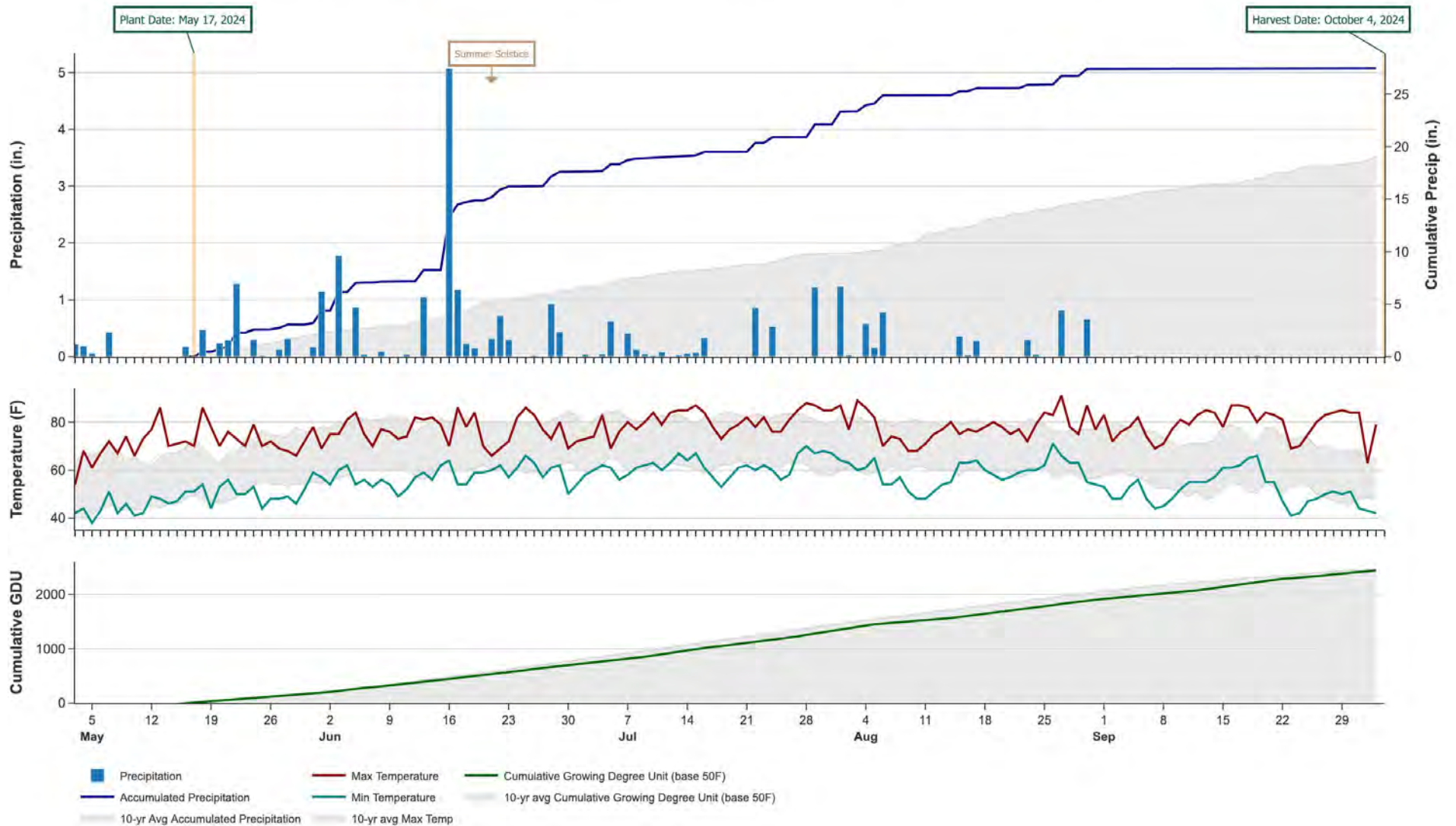
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# 2024 Soybeans - Minnesota Central Conventional Specialty [ MNCECV ]

## Weather Conditions Summary at GLENCOE, MN

Weather Data Retrieved: 10/04/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	4.3   4.0 (+0.3)	14.4   4.2 (+10.2)	4.5   3.6 (+0.9)	5.3   5.1 (+0.2)	0.1   3.5 (-3.4)	0.0   0.7 (-0.7)	28.5   21.0 (+7.5)
GDU   Avg (Diff)	320   296 (+23)	514   598 (-84)	641   671 (-30)	566   596 (-30)	500   402 (+97)	38   23 (+14)	2579   2588 (-9)



\* 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

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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,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

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