

Test by: Southern MN FIRST New Richland, MN

## 2025 Soybeans Top 30 Harvest Report

Minnesota South Conventional Specialty [MNSOCV]  
HECTOR, MN

Macik Family Partnership, Myron Macik, Renville County, MN

<b>All-Season Test</b>	Maturity Group 1.4 - 2.3 S2025MNSOCV07
<b>Top 24 of 24</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Laudis, Stinger, Harness
<b>SOIL DESCRIPTION:</b>	Webster clay loam, poorly drained, non-irrigated
<b>SOIL CONDITION:</b>	7.74 pH, 5.51% OM, 16.05 CEC, high P, low K, mod. S, high B, high Zn
<b>TILLAGE/CULTIVATION:</b>	Minimum W/ Fall Till
<b>PEST MANAGEMENT:</b>	Manually Weeded
<b>FERTILITY - Other:</b>	38 Planter
<b>Applied N-P-K (units):</b>	38-38-38
<b>SEEDED - RATE - ROW:</b>	May 26 140.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 4 126.1 /A
<b>PEST &amp; DISEASE RISK:</b>	Fusarium, Red Crown Rot, Anthracnose of Soybean*

### TEST COMMENTS:

The seedbed was perfect at planting. A hail event at the V4 stage resulted in an estimated 24% loss. Huge rains in the area at R1 had little effect at this site, other than full soil saturation (fields flooded on farms to the west of this site). Myron reports 25" of rain in the growing season, which closely matches the weather calculation on page 2 of this report. This conventional Food Grade Soybean Harvest Report shows an estimated premium price of \$3.50 over the December 2025 price. Please ask questions about the actual variety premiums before you plant.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Viking   Blue River	2022N ↗	CONV	2.0	M	<b>64.6</b>	8.2	0	125.7	846	1
Viking   Blue River	IAS19C3 ↗	CONV	2.1	S	<b>63.6</b>	8.4	0	126.3	833	2
Viking   Blue River	17B6 ↗	CONV	1.7	PK	<b>63.5</b>	7.6	0	127.7	832	3
Stine	13EH62 GC ↗	E3	1.3	M	<b>61.3</b>	7.6	0	128.7	588	19
Dahlman	7618XF GC ↗	RXF	1.8	M	<b>60.8</b>	7.7	0	124.7	584	20
Stine	18EJ12 GC ↗	E3	1.8	M	<b>60.3</b>	7.8	0	125.0	579	21
Golden Harvest	GH1973E3S GC ↗	E3,ST	1.9	PK	<b>60.2</b>	7.5	0	124.0	578	22
Viking   Blue River	23B5 ↗	CONV	2.3	PK	<b>60.2</b>	7.9	0	126.0	789	4
DF Seeds	DF 174 N ↗	CONV	1.7	M	<b>60.0</b>	9.2	0	127.3	786	5
Stine	20EH92 GC ↗	E3	2.0	M	<b>59.6</b>	9.3	0	126.7	572	24
DF Seeds	DF 193 NF ↗	CONV	1.9	R	59.0	8.8	0	126.0	773	6
DF Seeds	DF 214 N ↗	CONV	2.1	M	59.0	8.1	0	127.0	773	7
Viking   Blue River	15B5 ↗	CONV	1.5	PK	58.8	7.6	0	129.3	770	8
Grain Millers	GSPEXP16 ↗	CONV	1.6	NA	56.9	7.7	0	122.0	745	9
Grain Millers	GSP23 GC ↗	CONV	2.3	S	56.4	8.8	0	127.3	739	10
DF Seeds	DF 205 NF ↗	CONV	2.0	M	54.7	8.1	0	127.3	717	11
Pioneer	P18A82 GC ↗	CONV	1.8	R	54.4	8.1	0	125.7	713	12
Pioneer	P15A20 GC ↗	CONV	1.5	R	52.6	7.6	0	126.0	689	13
Sevita	SHEDDEN ↗	CONV	1.9	M	51.1	8.4	0	127.0	669	14
Viking   Blue River	1700N ↗	CONV	1.7	M	49.9	7.1	0	125.0	654	15
Pioneer	P21A20 GC ↗	CONV	2.1	R	49.5	8.1	0	126.0	648	16
U of MN	M14-250018 ↗	CONV	1.4	NA	49.2	7.8	0	125.3	645	17
Pioneer	P11A50 GC ↗	CONV	1.1	R	46.6	7.2	0	126.0	610	18
New Age	NA2000 GC ↗	CONV	2.0	NA	44.0	8.1	0	125.3	576	23
					<b>Averages = 56.5</b>	<b>8.0</b>	<b>0</b>	<b>126.1</b>	<b>696</b>	
					<b>LSD (0.10) = 2.8</b>	0.2	ns			
					<b>LSD (0.25) = 1.5</b>	0.1	ns			
					<b>C.V. = 4.7</b>	Historic yield: 46.44 bu/a, 3 yr(s)				

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**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$9.60; non-GMO = \$13.10

Report Date: 10/06/2025

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

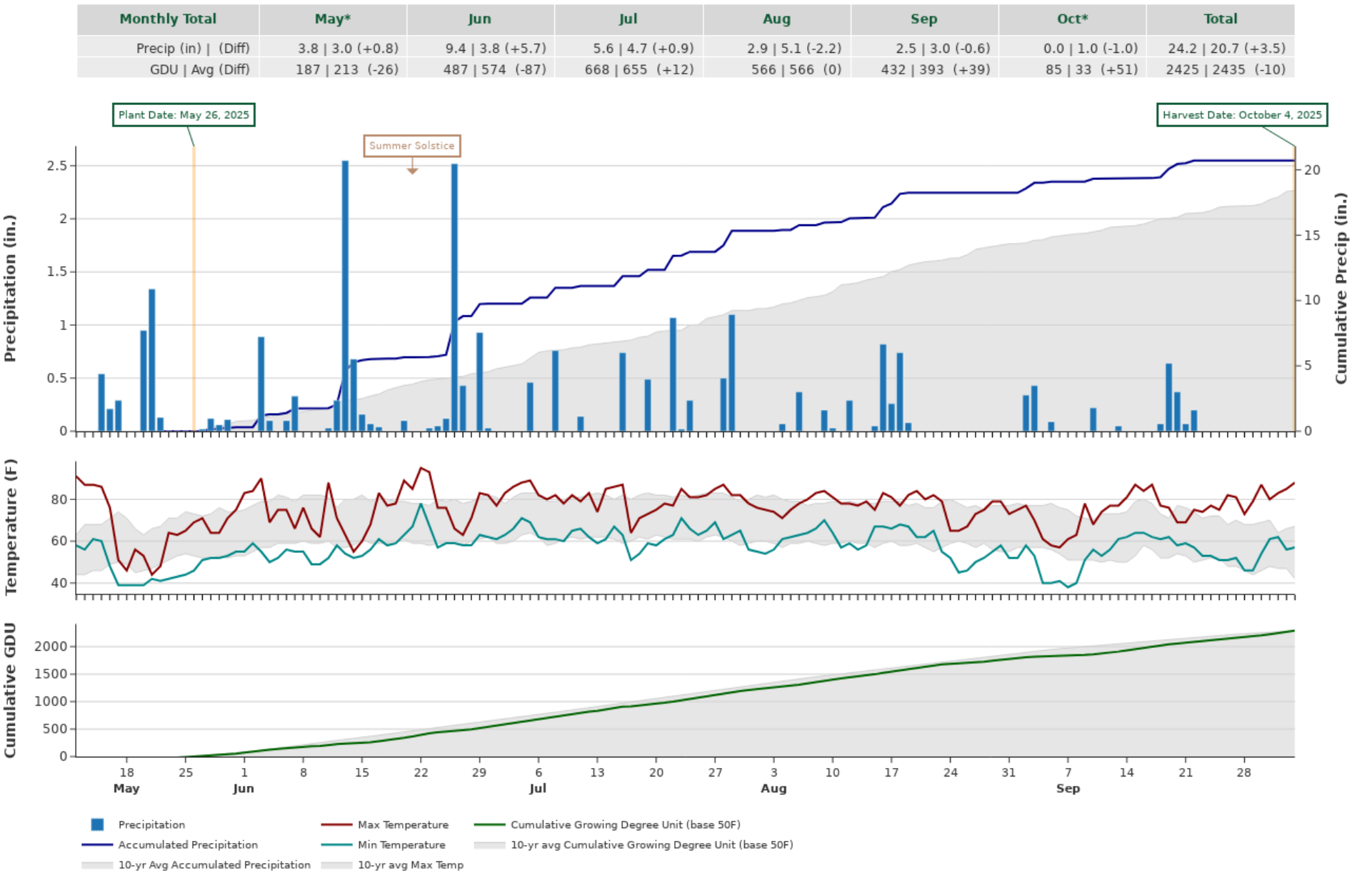
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. **Earthoptics** used for soil conditions and soil-borne disease & pest risks. ↗ Links to full product yield results at [www.firstseedtests.com](http://www.firstseedtests.com).

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Weather Conditions Summary at HECTOR, MN

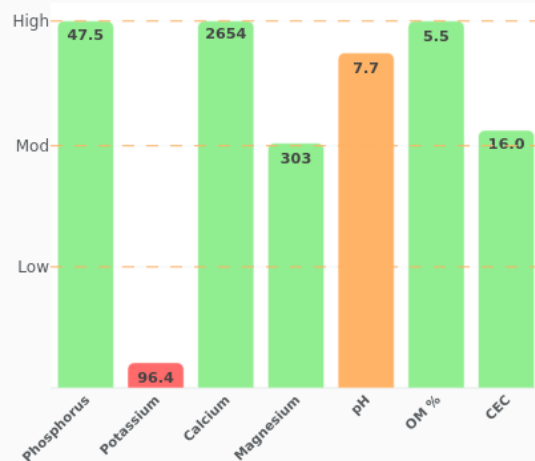
Weather Data Retrieved: 10/06/2025



\* 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.

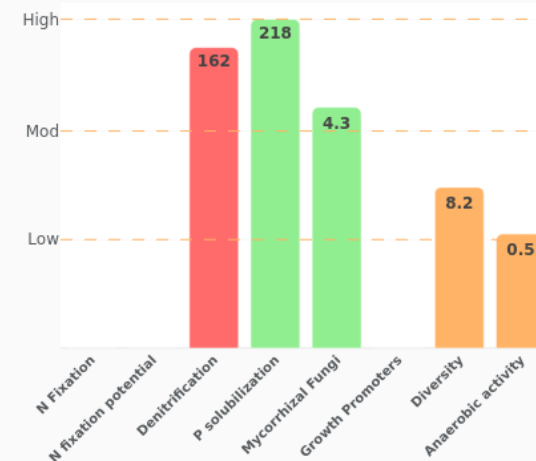
### Macronutrients



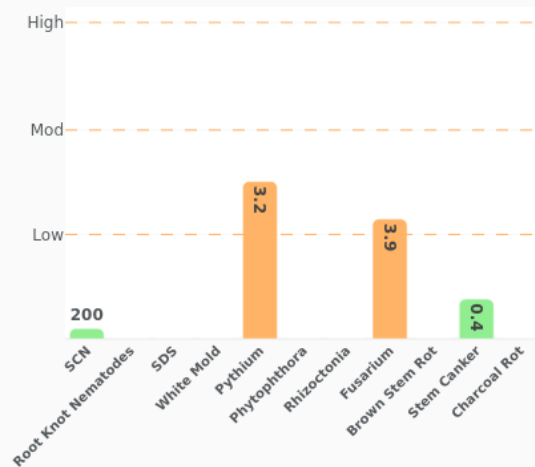
### Micronutrients



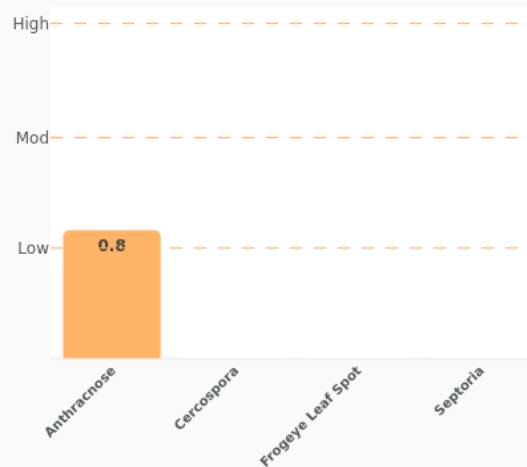
### Biofertility Analytics



### Below Ground Pest & Disease - Soybeans



### Above Ground Pest & Disease - Soybeans



### More Information

You can find more information about the EarthOptics and soil analytics reported at the following links:

- [Reported Analytics Descriptions](#)
- [Soil Nutrients & Fertility](#)
- [Analytics & Insights](#)
- [EarthOptics](#)

## 2025 Soybeans - Minnesota South Conventional Specialty [ MNSOCV ]

### All-Season Test Products (24 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Dahlman	7618XF	RXF	M	1.8	F,I
DF Seeds	DF 174 N	CONV	M	1.7	DFender
DF Seeds	DF 193 NF	CONV	R	1.9	DFender
DF Seeds	DF 205 NF	CONV	M	2.0	DFender
DF Seeds	DF 214 N	CONV	M	2.1	DFender
Golden Harvest	GH1973E3S	E3,ST	PK	1.9	NA
Grain Millers	GSP23	CONV	S	2.3	Untreated
Grain Millers	GSPEXP16	CONV	NA	1.6	Untreated
New Age	NA2000	CONV	NA	2.0	CMB-APX,SA
Pioneer	P11A50	CONV	R	1.1	Untreated
Pioneer	P15A20	CONV	R	1.5	Untreated
Pioneer	P18A82	CONV	R	1.8	Untreated
Pioneer	P21A20	CONV	R	2.1	Untreated
Sevita	SHEDDEN	CONV	M	1.9	Va IV
Stine	13EH62	E3	M	1.3	SFI
Stine	18EJ12	E3	M	1.8	SFI
Stine	20EH92	E3	M	2.0	SFI
U of MN	M14-250018	CONV	NA	1.4	NA
Viking   Blue River	15B5	CONV	PK	1.5	Treated
Viking   Blue River	1700N	CONV	M	1.7	Treated
Viking   Blue River	17B6	CONV	PK	1.7	Treated
Viking   Blue River	2022N	CONV	M	2.0	Treated
Viking   Blue River	23B5	CONV	PK	2.3	Treated
Viking   Blue River	IAS19C3	CONV	S	2.1	Treated

\* FIRST does not inspect products for refuge blend. N\* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

## 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.

### 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®
NA	Not Available
RXF	XtendFlex®
ST	Sulfonylurea tolerant

### Soybeans Seed Treatments\*

CMB-APX,SA	CruiserMaxx® APX with Saltro®
DFender	DFender (Legacy Seeds)
F,I	Fungicide, Insecticide
SFI	Stine XP F&I
Treated	Treated, unspecified
Untreated	No seed treatment
Va IV	Vayantis IV

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