

Test by: Southern MN FIRST New Richland, MN

2025 Soybeans Top 30 Harvest Report

Minnesota South Conventional Specialty [MNSOCV]
LAMBERTON, MN

Ed Iverson, Cottonwood County, MN 56152

| | |
|---------------------------------|--|
| All-Season Test | Maturity Group 1.4 - 2.3 S2025MNSOCV05 |
| Top 24 of 24 | For Gross Income (Sorted by Yield) Average of (3) Replications |
| PREV. CROP/HERB: | Corn / Force, Harness, Impact, Cover XI |
| SOIL DESCRIPTION: | Romnell clay loam, mod. poorly drained, non-irrigated |
| SOIL CONDITION: | 5.71 pH, 5.31% OM, 19.34 CEC, high P, medium K, low S, high B, mod. Zn |
| TILLAGE/CULTIVATION: | Minimum W/ Fall Till |
| PEST MANAGEMENT: | Flexstar, Section Three, Aquila XI, Insecticide |
| Applied N-P-K (units): | 0-0-0 |
| SEEDED - RATE - ROW: | May 18 140.0 /A 30" spacing |
| HARVESTED - STAND: | Oct 6 126.1 /A |
| PEST & DISEASE RISK: | SCN, Phytophthora, Fusarium, Brown Stem Rot* |

TEST COMMENTS:

Planting conditions were great, and this Food Grade bean plot was very uniform with good final stands. Weed control is never easy in conventional soybeans, but the herbicides worked very well. Yields were impressive here. This MNSOCV test and the MNSC GMO soybean test at Lamberton were planted side by side, and both were cultivated by Ed with his 4-row cultivator. Keep in mind that the price premium for Food-Grade soybeans can vary depending on the quality traits of each variety.

| 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 | 79.7 | 8.1 | 0 | 125.3 | 1044 | 1 |
| Golden Harvest | GH1973E3S GC ↗ | E3,ST | 1.9 | PK | 74.6 | 8.0 | 0 | 126.7 | 716 | 18 |
| Stine | 20EH92 GC ↗ | E3 | 2.0 | M | 73.6 | 8.0 | 0 | 124.7 | 707 | 21 |
| Dahlman | 7618XF GC ↗ | RXF | 1.8 | M | 73.3 | 8.4 | 0 | 126.7 | 704 | 22 |
| Viking Blue River | IAS19C3 ↗ | CONV | 2.1 | S | 73.1 | 9.9 | 0 | 126.7 | 958 | 2 |
| Viking Blue River | 23B5 ↗ | CONV | 2.3 | PK | 72.9 | 9.4 | 0 | 125.7 | 955 | 3 |
| Viking Blue River | 17B6 ↗ | CONV | 1.7 | PK | 70.8 | 8.4 | 0 | 126.0 | 927 | 4 |
| DF Seeds | DF 214 N ↗ | CONV | 2.1 | M | 69.0 | 8.5 | 0 | 125.3 | 904 | 5 |
| Stine | 13EH62 GC ↗ | E3 | 1.3 | M | 67.7 | 8.4 | 0 | 126.0 | 650 | 23 |
| Pioneer | P18A82 GC ↗ | CONV | 1.8 | R | 67.3 | 8.4 | 0 | 126.3 | 882 | 6 |
| Stine | 18EJ12 GC ↗ | E3 | 1.8 | M | 66.9 | 7.9 | 0 | 128.0 | 642 | 24 |
| Viking Blue River | 15B5 ↗ | CONV | 1.5 | PK | 66.7 | 9.1 | 0 | 126.0 | 874 | 7 |
| Grain Millers | GSPEXP16 ↗ | CONV | 1.6 | NA | 64.5 | 8.2 | 0 | 125.0 | 845 | 8 |
| DF Seeds | DF 174 N ↗ | CONV | 1.7 | M | 63.8 | 8.9 | 0 | 128.3 | 836 | 9 |
| DF Seeds | DF 205 NF ↗ | CONV | 2.0 | M | 63.8 | 8.9 | 1 | 126.7 | 836 | 10 |
| Viking Blue River | 1700N ↗ | CONV | 1.7 | M | 61.9 | 8.1 | 0 | 127.7 | 811 | 11 |
| Grain Millers | GSP23 GC ↗ | CONV | 2.3 | S | 61.4 | 10.4 | 9 | 124.3 | 804 | 12 |
| Pioneer | P11A50 GC ↗ | CONV | 1.1 | R | 60.2 | 8.1 | 0 | 126.3 | 789 | 13 |
| Sevita | SHEDDEN ↗ | CONV | 1.9 | M | 58.9 | 8.7 | 0 | 124.7 | 772 | 14 |
| Pioneer | P15A20 GC ↗ | CONV | 1.5 | R | 58.7 | 9.3 | 0 | 124.7 | 769 | 15 |
| DF Seeds | DF 193 NF ↗ | CONV | 1.9 | R | 56.0 | 8.5 | 0 | 126.3 | 734 | 16 |
| U of MN | M14-250018 ↗ | CONV | 1.4 | NA | 54.7 | 9.7 | 0 | 126.7 | 717 | 17 |
| Pioneer | P21A20 GC ↗ | CONV | 2.1 | R | 54.2 | 9.6 | 0 | 125.0 | 710 | 19 |
| New Age | NA2000 GC ↗ | CONV | 2.0 | NA | 54.1 | 9.0 | 0 | 126.7 | 709 | 20 |

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Averages = **65.3** **8.7** **0** **126.1** **804**

LSD (0.10) = 3.1 ns ns

LSD (0.25) = 1.6 ns ns

C.V. = 4.4 Historic yield: 49.87 bu/a, 5 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.003 Prices: GMO = \$9.60; non-GMO = \$13.10

Report Date: 10/07/2025

Additional reports available at www.firstseedtests.com

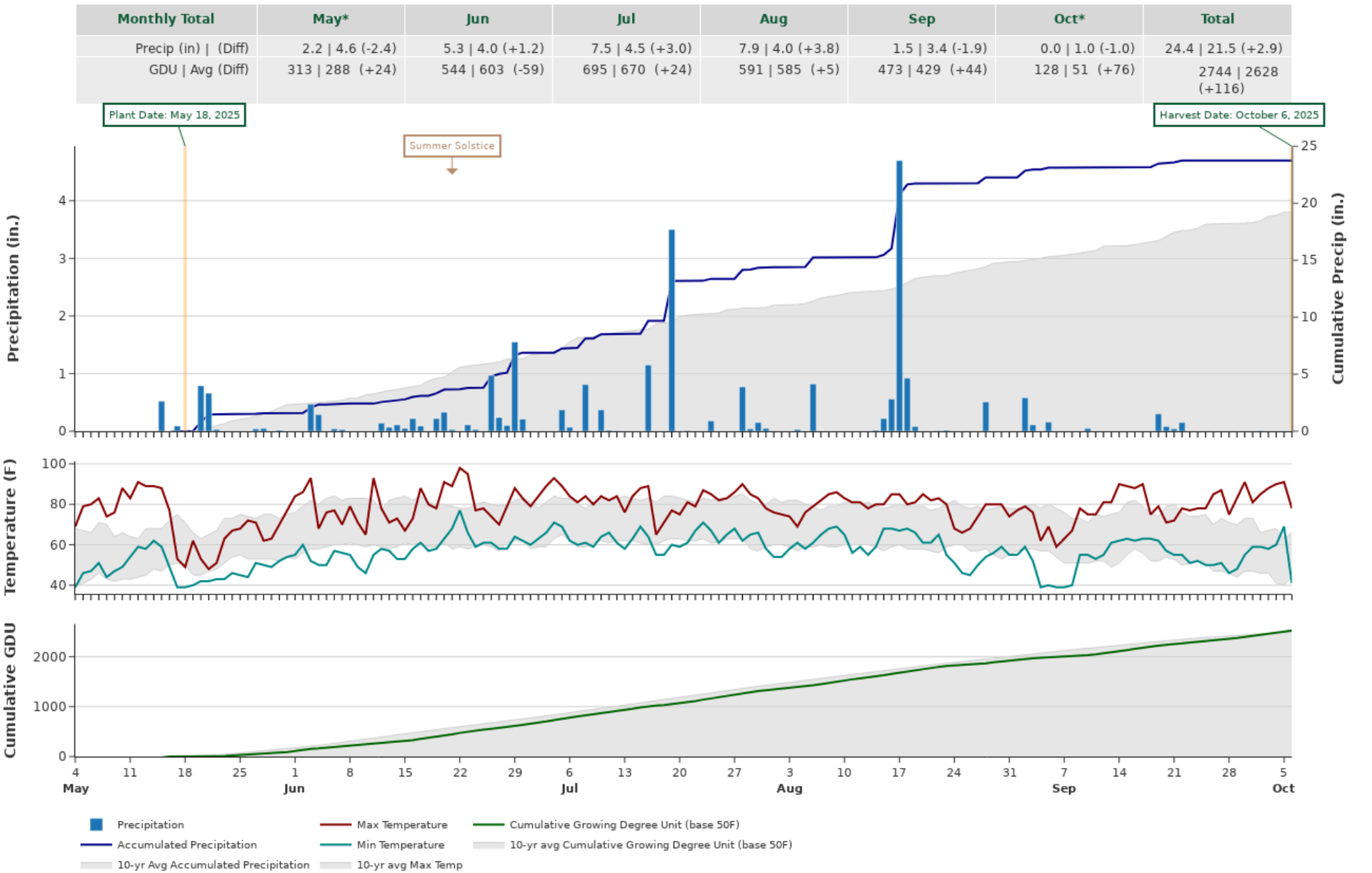
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly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

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2025 Soybeans - Minnesota South Conventional Specialty [MNSOCV]

Weather Conditions Summary at LAMBERTON, MN

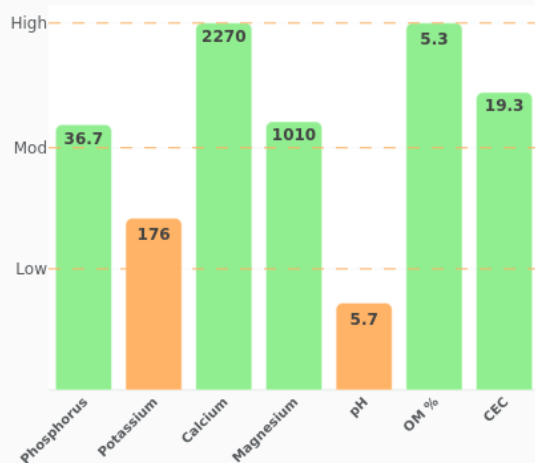
Weather Data Retrieved: 10/07/2025



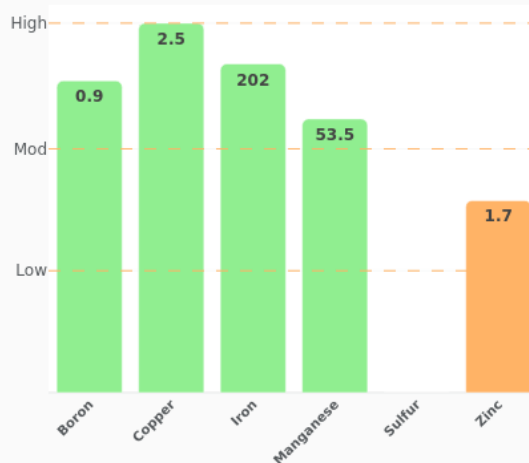
* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

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.

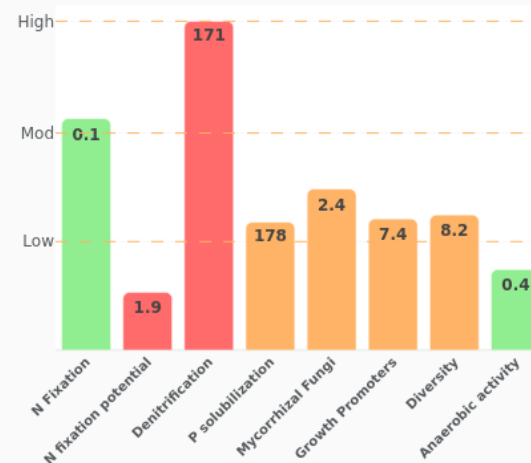
Macronutrients



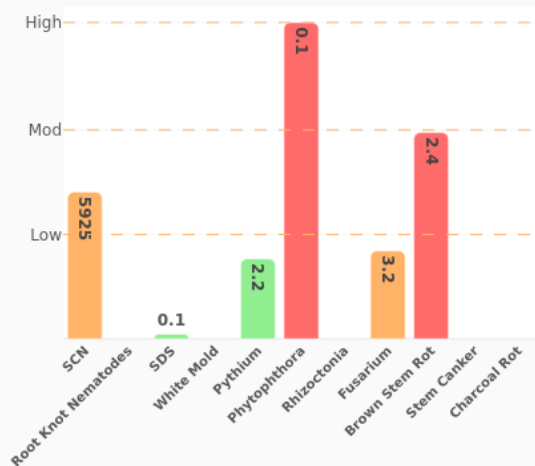
Micronutrients



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.