



## Southern Minnesota Beet Sugar Cooperative

83550 County Road 21, Renville, Minnesota 56284

November 21, 2024

Dear SMBSC Shareholder,

SMBSC conducted four Official Variety Trials within the Cooperative growing area in 2024. These trials were located near Cosmos, Hector, Murdock, and Wood Lake. Of the four trials, three of them were harvested. The Hector trial was abandoned due to variable stands and multiple heavy rainfall events. The data was combined from the three sites that were harvested and was used in the variety seed approval process for the 2025 crop. Trials were also conducted to evaluate varieties for tolerance to *Aphanomyces* root rot, *Cercospora* leaf spot, and *Rhizoctonia* root rot. The data from these trials was combined with data collected in 2022 and 2023. The combined data can be found by following the link below.

For the 2025 crop, there are five varieties that were given Full Approval Status. There are also three varieties that earned Test Market Status. These varieties are limited to 10% of the Cooperative's acreage. However, two of the varieties that have been designated as Test Market have also been approved as *Cercospora* Specialty Varieties, and as such these two varieties can have unlimited sales. For the coming year there are also six *Rhizoctonia* Specialty Varieties. Based on variety performance, no varieties were approved as *Aphanomyces* Specialty or High Sugar Specialty Varieties.

Additional information regarding the approved varieties is available at [www.smbc.com](http://www.smbc.com). The documents listed below can be found by visiting the Agronomy page and clicking on Variety and Seed.

1. 2025 Approved Varieties
2. Table 1. Comparison of 2025 Fully Approved Varieties to Test Market and Specialty – Three Years of Data (2022-2024)
3. Table 2. Comparison of 2025 Fully Approved Varieties to Test Market and Specialty – Two Years of Data (2023-2024)
4. Table 3. Comparison of 2025 Fully Approved Varieties to Test Market and Specialty – One Year of Data (2024)
5. 2022-2024 Disease Nursery Data for *Aphanomyces*, *Cercospora*, and *Rhizoctonia*
6. 2024 SMBSC Variety Strip Trial Results
7. Preliminary 2024 Ag Practice Database Variety Information

The agriculturists are excellent resources for information regarding variety placement and performance. Be sure to utilize them during the seed ordering process. Seed ordering information will be available in early December

Sincerely,

A handwritten signature in black ink that reads "Lynsey Nass".

Lynsey Nass  
Production Agronomist

A handwritten signature in black ink that reads "Mark Bloomquist".

Mark Bloomquist  
Research Director

# 2025 SMBSC Approved Varieties

## **Fully Approved Varieties (Unlimited Sales)**

Beta 9124  
Beta 9131  
Beta 9284  
Crystal M106  
Crystal M168

## **Aphanomyces Specialty Approved Varieties**

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## **Rhizoctonia Specialty Approved Varieties**

Beta 9131  
Beta 9155  
Beta 9284  
Crystal M089  
Crystal M977  
SV 863

## **Cercospora Specialty Approved Varieties**

Beta 9369  
Crystal M339

## **Test Market Varieties**

Beta 9369  
Crystal M339  
Hilleshog 2395