



Southern Minnesota Beet Sugar Cooperative

83550 County Road 21, Renville, Minnesota 56284

November 25, 2020

Dear SMBSC Shareholder,

SMBSC conducted four Official Variety Trials within the Cooperative growing area in 2020. These trials were located near Wood Lake, Hector, Lake Lillian, and Murdock. All four sites were harvested and the data combined and used in the variety seed approval process for the 2021 crop. In addition to the yield data from these sites, varieties were also evaluated for Aphanomyces root rot, Cercospora leafspot, and Rhizoctonia root rot at various disease nurseries. The 2020 data was combined with the 2019 and 2018 Official Trial data and is summarized in the data sheets found at the website below.

There are eight varieties that make Full Approval Status for 2021. Six varieties achieve Test Market Status for the coming crop. Test market status allows a variety to be planted on up to 10% of the Cooperative's acreage. Test market status is designed to give shareholders a look at new varieties that have potential to make Full Approval or Specialty Approval Status for crops one or two years away. Four varieties were approved as Rhizoctonia Specialty Varieties. Three varieties were approved as Cercospora Specialty Varieties. No varieties were approved as Aphanomyces Specialty Varieties for this coming crop.

In addition to this letter, the following documents found on the SMBSC website will provide information regarding the varieties approved for planting at SMBSC in 2020. The variety approval information can be found on www.smbc.com under the **Agronomic Sustainability** tab and then the **Variety Information** link on the drop-down menu that appears, near the bottom of the list.

1. List of approved varieties for the 2020 crop.
2. Table 1. Comparison of 2020 Fully Approved varieties to Test Market and Specialty based on three year data (2018-2020).
3. Table 2. Comparison of 2020 Fully Approved varieties to Test Market and Specialty based on two year data (2019-2020).
4. Table 3. Comparison of 2020 Fully Approved varieties to Test Market and Specialty based on one year data (2020).
5. Data from the Aphanomyces root rot, Cercospora leafspot, and Rhizoctonia root rot nurseries from 2018-2020.
6. Results of 2020 SMBSC Agricultural Staff Variety Strip Trials.

Your agriculturist is an excellent source of information regarding variety placement in your 2021 fields. Be sure to use this resource when placing your 2021 sugar beet seed order. Seed ordering information and pricing will be available in early December.

Sincerely,

Cody Groen
Production Agronomist

Mark Bloomquist
Research Director

SMBSC APPROVED VARIETIES 2021

FULLY APPROVED

UNLIMITED SALES VARIETIES

Beta 9780
Beta 9810
Crystal M821
Crystal M837
SV RR862
SV RR863
SV 881
SV 883

TEST MARKET VARIETIES

(Sales shall not exceed 10% of total sales per variety)

Beta 9935
Beta 9098
Crystal M977
Crystal M002
Hilleshog 2327
SV 894

CERCOSPORA SPECIALTY

APPROVED VARIETIES

Beta 9986
Beta 9952
Crystal M951

RHIZOCTONIA SPECIALTY

APPROVED VARIETIES

Hilleshog 9739
Hilleshog 2219
SV RR862
SV 883

Previously Approved Varieties

not making 2021 Approval

(Last year of Sales)

Crystal M509