

Product Guide



SUGARBEET SEED
ACH SEEDS®

2026
SOUTHERN MINNESOTA
BET SUGAR COOPERATIVE

From Steckling to Seed: A Two-Year Process

Consistent performance and quality harvests don't happen by accident. They take time. They result from dedicated research and dialed-in regional traits other sugarbeet seed companies simply don't deliver.



Steckling production techniques provide us the flexibility, security and speed to more effectively meet customer demand. As stecklings are produced in the open environment, seed size and volume are subject to season conditions.



Vernalization is the process by which plants use a prolonged cold period (winter) to promote flowering. Controlled conditions simulate this naturally occurring event to enable the use of off-season production with minimal risk of loss due to freezing.

How We Get There: Our 2026 Timeline

Before you can grow sugarbeets,
we have to grow the seed.

1

Oct. 2023 – Jan. 2024

Determine what varieties will best serve evolving market needs based on environment, challenges and grower preferences.

2

Jul. – Sept. 2024

Plant stecklings in Arizona to start the first seed production year (pre-vernalization).

3

Early Dec. 2024

Review trial data and proceed with only the varieties that meet our high standards.

4

Late Dec. 2024

Harvest stecklings and start vernalization by placing them in cold storage.

Leading Seed Innovation, Built to Grow With You



All Southern Minnesota Beet Sugar Cooperative varieties are designed to arm you against local pest and disease pressures to help maximize your sugar content and tonnage at harvest. Varieties are bred specifically for this region and include options with tolerance to Rhizoctonia, rhizomania, Aphanomyces, and Fusarium.

Our Diamond Plated® Seed treatment series fights seedling threats and damaging insects to protect your plants' genetic potential from the start.

Contact your local ACH Seeds Crystal brand sales representative to learn more.

5

Jan. – Mar. 2025

Transplant stecklings in Oregon and Washington to start the second part of the seed production cycle (post-vernalization). Oregon and Washington offer ideal growing conditions during this phase of seed production.

6

Aug. 2025

Harvest commercial seed production and prepare for processing.

7

Sept. 2025 – Feb. 2026

Seed is processed, treated and packaged for sale. Each seed lot is meticulously analyzed for quality.

8

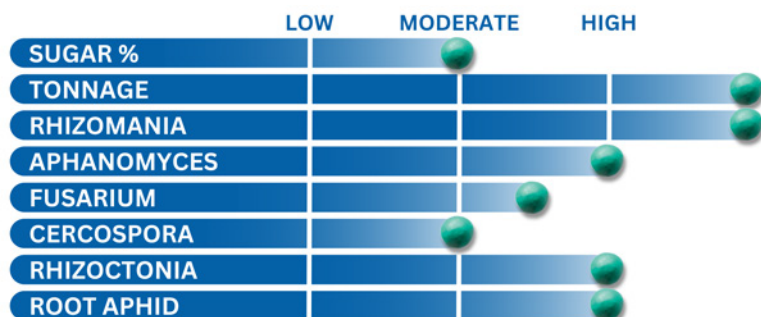
Scheduled for Spring 2026

Deliver seed varieties that fit the unique needs for each field to our customers.

Southern Minnesota Varieties

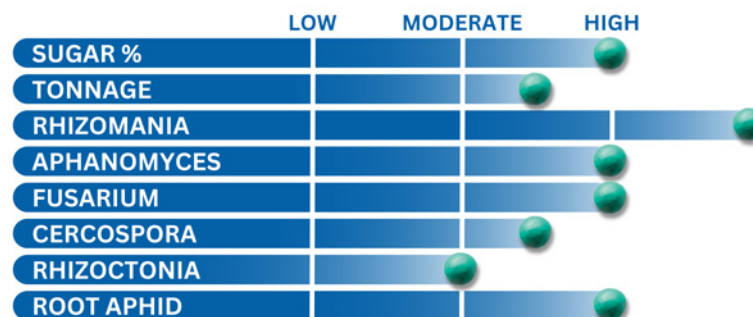
CRYSTAL M977

- Consistent, field-proven performance with excellent sugar per acre
- Balanced disease package
- Impressive Rhizoctonia and multisource rhizomania tolerance



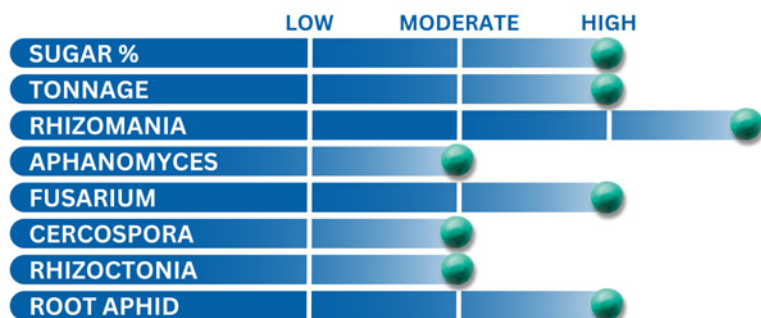
CRYSTAL M106

- High sugar variety with balanced disease package including good Aphanomyces and Fusarium
- Multisource rhizomania tolerance
- Proven Cercospora tolerance



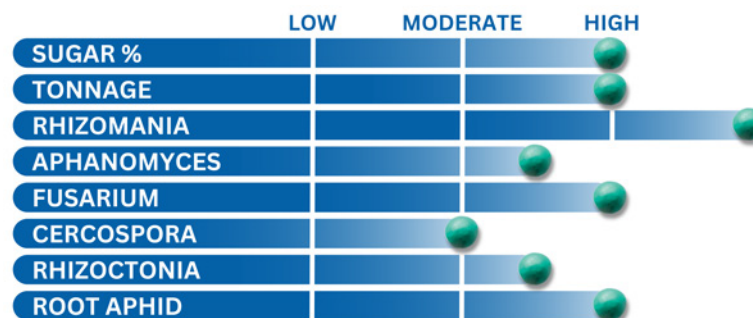
CRYSTAL M168

- Good sugar per ton with strong sugar per acre
- Balanced disease package
- Multisource rhizomania tolerance



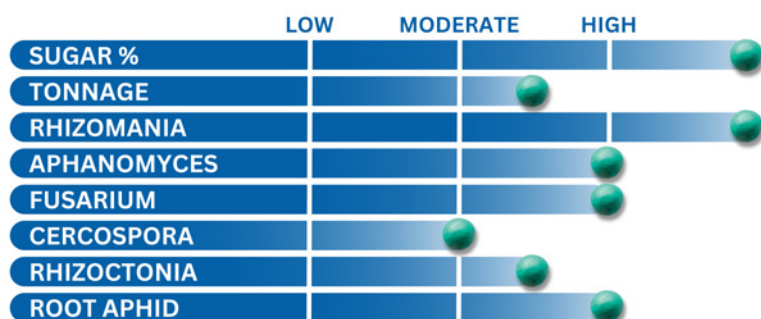
CRYSTAL M339

- Good combination of sugar and tonnage
- Solid disease package
- Multisource rhizomania tolerance



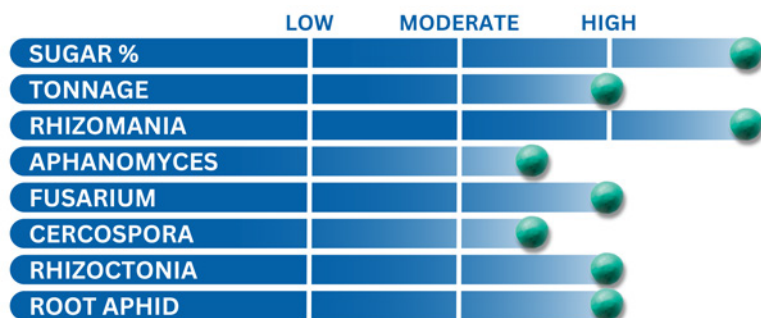
NEW CRYSTAL M432

- Pending approval
- New high sugar variety
- Good blend of disease tolerance
- Multisource rhizomania tolerance



NEW CRYSTAL M445

- Pending approval
- Strong performer with high sugar potential
- Improved Cercospora tolerance with strong Rhizoctonia protection
- Multisource rhizomania tolerance



Contact your ACH Seeds Crystal brand sales representative to
discuss your seed needs today. | ACHSEEDS.COM



JAKE BOERSMA | CENTRAL REGION MANAGER

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Valued Sugarbeet Grower,

As we look ahead to the 2026 season, we want to take a moment to thank you, our customers, for your continued trust as your seed supplier. We recognize the challenges this past year has brought, with economic pressures making every decision in the field more important than ever. Your resilience and commitment to producing a high-quality sugarbeet crop drives us to provide improved varieties for the future.

Our 2026 lineup brings new and improved genetics, including stronger tolerance to Cercospora leaf spot. These advancements reflect years of research and dedication, aimed at delivering the tools you need to protect yield potential and keep your operations moving forward.

Above all, we remain grateful for your business and your trust in us as a partner in sugarbeet production. We don't take your confidence lightly, and we are committed to standing alongside you as we navigate today's challenges and build toward a stronger tomorrow.

Here's to a productive, healthy and successful 2026 season.





Our 2025 Winner: **Congratulations,** Belgrade-Brooten-Elrosa FFA!

Belgrade-Brooten-Elrosa (BBE) FFA is one of six organizations nationwide selected to receive a \$10,000 award from the 2025 Homegrown Giving program. With growing interest in agriculture and leadership among students, the chapter is committed to ensuring every member has the opportunity to participate, regardless of financial barriers.

The Homegrown Giving donation will allow the BBE FFA chapter to expand hands-on education initiatives, support farm safety demonstrations and elementary outreach, and offset costs for students to attend state and national leadership events. These experiences not only take ag education beyond the classroom but also give students the tools to build practical skills, discover career paths and grow as leaders. With 150 members, the chapter's impact reaches well beyond its students, strengthening the local ag community and inspiring the next generation of leaders.



**We won the ❤️
of our hometown.**

Belgrade, Minnesota



Congratulations 2025 Homegrown Giving Recipients!

1. Amalgamated Sugar:
Minidoka County Senior Center
Rupert, Idaho

2. Western Sugar North/Wyoming Sugar:
Peg A Way 4-H
Custer, Montana

3. Western Sugar South:
Big Springs Community Foundation
Big Springs, Nebraska

4. Minn-Dak:
Barnesville Area Food Pantry
Barnesville, Minnesota

5. Southern Minn:
Belgrade-Brooten-Elrosa FFA Chapter
Belgrade, Minnesota

6. Great Lakes:
Ithaca FFA Chapter
Ithaca, Michigan



**LEARN MORE ABOUT
OUR HOMEGROWN
GIVING RECIPIENTS.**

