

SUGARBEET SEED

ACH SEEDS®

PRODUCT GUIDE

2027

SOUTHERN MINNESOTA BEET SUGAR COOPERATIVE

Strong Partnerships, **Better Harvests**

All Southern Minnesota Beet Sugar Cooperative varieties are developed specifically for this region, helping growers navigate local pest and disease pressures while maximizing sugar content and tonnage at harvest. With options bred for tolerance to Cercospora, Rhizoctonia, Aphanomyces, and other diseases, ACH Seeds provides solutions built around the unique challenges of your fields.

Our Diamond Plated® Seed Treatment Series protects your crop from the start, defending against seedling threats and damaging insects to preserve each variety's genetic potential. And with knowledgeable local sales representatives, you'll have a trusted partner to help you choose the right solution for your operation.

DIAMOND PLATED®

SILVER



2 YEAR TIMELINE

Built From the Ground Up

Strong harvests begin long before planting. Behind each bag of ACH Seeds is a two-year process of research, testing, and regional development that helps growers achieve consistent performance season after season.



1

OCT 2024 – JAN 2025

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

2

JULY – SEPT 2025

Stecklings are planted in Arizona to start the first seed production year (pre-vernalization).





3

EARLY DEC 2025

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



4

LATE DEC 2025

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



5

JAN – MAR 2026

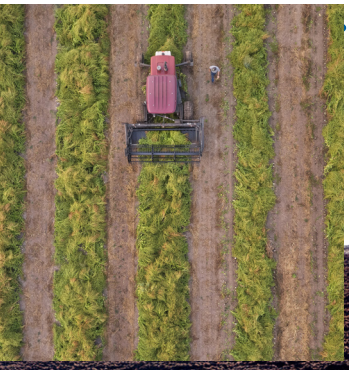
Transplant the stecklings in Washington and Oregon to begin the second phase of seed production.



6

AUGUST 2026

Harvest commercial seed production & prepare for processing.



7

SEPT 2026 – FEB 2027

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



8

SPRING 2027

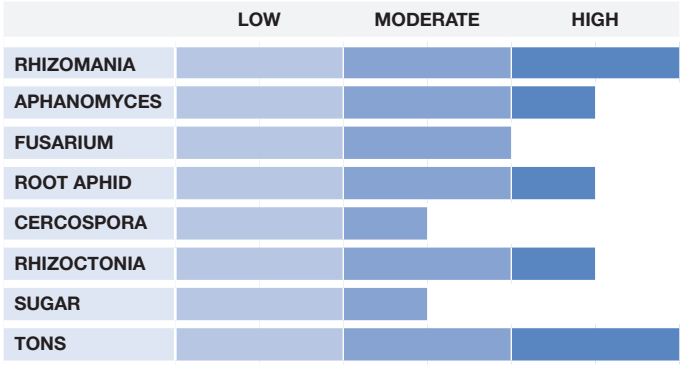
Deliver seed varieties that fit the unique needs for each field to our customers.





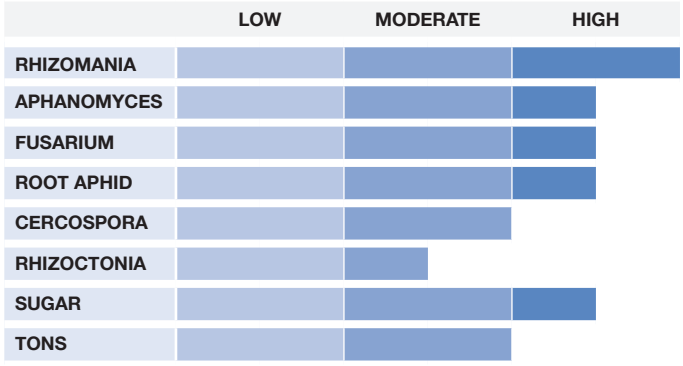
Southern Minnesota
Sugar Varieties

CRYSTAL **M977**



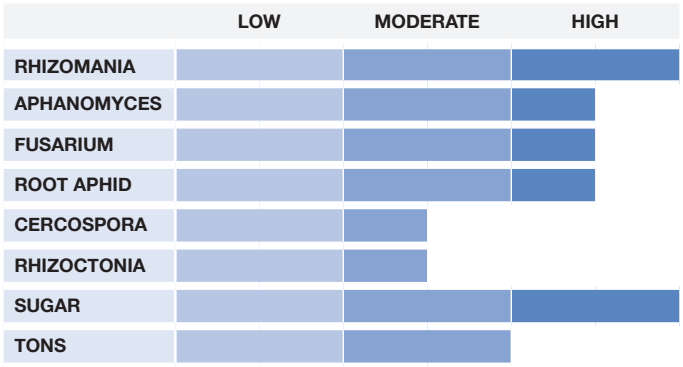
- Consistent, field-proven performance with excellent sugar per acre
- Balanced disease package with impressive Rhizoctonia tolerance
- Multisource rhizomania tolerance

CRYSTAL **M106**



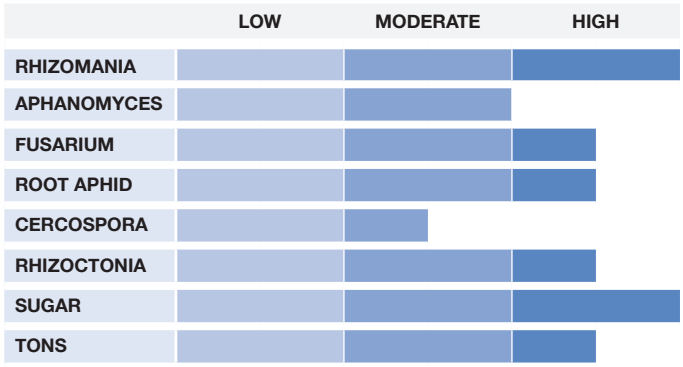
- High sugar variety with balanced disease package including good Aphanomyces & Fusarium
- Proven Cercospora tolerance
- Multisource rhizomania tolerance

CRYSTAL **M432**



- High sugar variety
- Good blend of disease tolerance
- Multisource rhizomania tolerance

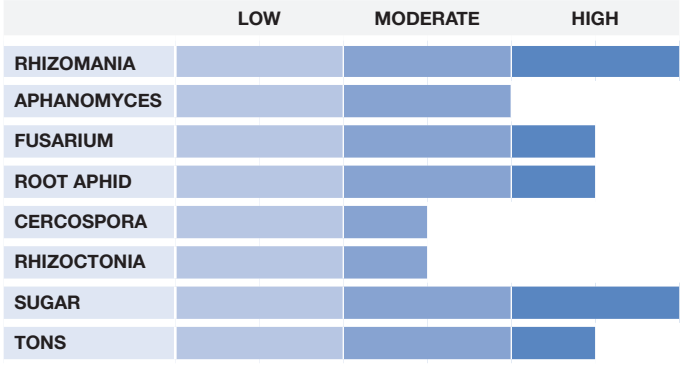
CRYSTAL **M445**



- Strong performer with high sugar potential
- Very strong root rot protection
- Multisource rhizomania tolerance

NEW

CRYSTAL **M583**

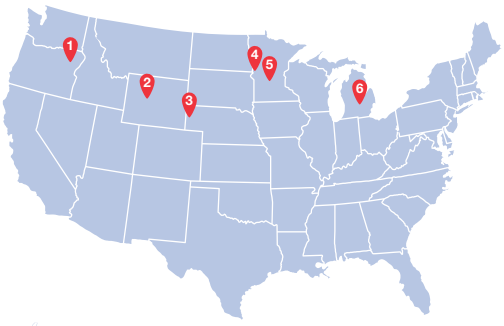


- Pending approval
- High sugar per acre variety with balanced disease package
- Multisource rhizomania tolerance



ACH Seeds is proud to support the communities behind every harvest.

Congrats to our 2026 Homegrown Giving Winners!



1 **AMALGAMATED SUGAR**
Union FFA Chapter
Union, Oregon

2 **WESTERN SUGAR NORTH/WYOMING SUGAR**
Friends of Riverton FFA
Riverton, Wyoming

3 **WESTERN SUGAR SOUTH**
Mitchell Morrill Ministerial Association
Mitchell, Nebraska

4 **MINN-DAK**
The Children's Discovery Center
Breckenridge, Minnesota

5 **SOUTHERN MINN**
Mini Sota Agricultural Children's Museum
Benson, Minnesota

6 **GREAT LAKES**
Perry FFA Chapter
Perry, Michigan

homegrown GIVING

2026 Southern Minnesota Winner

Mini Sota Agricultural Children's Museum





The Mini Sota Agricultural Children's Museum has received a $10,000 ACH Seeds Homegrown Giving award to expand its curriculum, educational programming, and exhibits focused on sugarbeet production and local processing. The funding will also support farm safety education and help visitors better understand how sugarbeets make their journey from Minnesota fields to products found in homes across the country.

Founded by local parents and opened in Benson in December 2025, the Mini Sota Agricultural Children's Museum gives children and families a hands-on way to explore the important role agriculture plays in Minnesota. Interactive exhibits introduce visitors to soil health, farm safety, food production, agricultural careers, and the people and industries that bring food from farm to table.

The museum has already welcomed visitors from 14 states and more than 50 MN counties, and has become a valuable educational resource for area schools.

With this investment from ACH Seeds, Mini Sota can continue connecting children and families with agriculture while celebrating the producers and communities that make it possible.



Learn more about all of our Homegrown Giving recipients.

Your Southern Minnesota
ACH Seeds Team

Valued Sugarbeet producer,

As we look ahead to 2027, we want to begin by saying Thank You for your business and support. The past few years have presented significant challenges for sugarbeet growers, and we recognize the difficult decisions that come with today's economic environment. We understand that every acre and every input decision matters.

Our focus remains on providing genetics that help protect yield potential and deliver consistent performance in the field. Cercospora Leaf Spot tolerance continues to be a major emphasis in our breeding program to deliver improved options for your fields. We are committed to listening to your concerns and applying that feedback to the biggest issues facing sugarbeet production.

Above all, we are grateful for your support and the confidence you place in us as your seed supplier. We remain committed to standing alongside you, paying attention to what matters in the field and continuing to improve varieties to maximize your productivity.

Best wishes for the next year ahead and as always please contact me with any questions you may have!

JAKE BOERSMA
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CRYSTAL®
SUGARBEET SEED
ACH SEEDS®

Partnership at Every Step.
From seed development to local expertise, ACH Seeds is committed to helping growers succeed season after season.

ACHseeds.com

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