

Product Guide



**2026
AMALGAMATED
SUGAR**

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 Amalgamated Sugar 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 rhizomania, cercospora, powdery mildew, aphanomyces, curly top and rhizoctonia.

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. 2025w–Feb. 2026

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

8

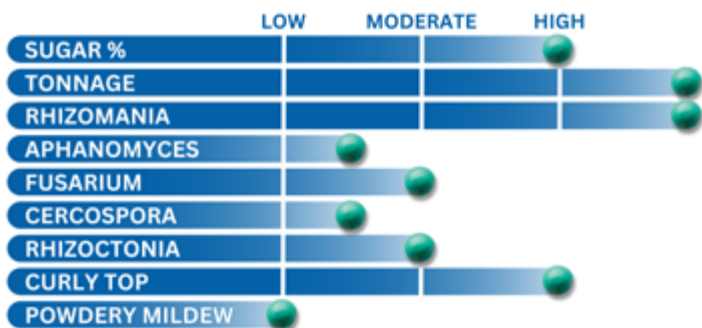
Scheduled for Spring 2026

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

Amalgamated Sugar Varieties

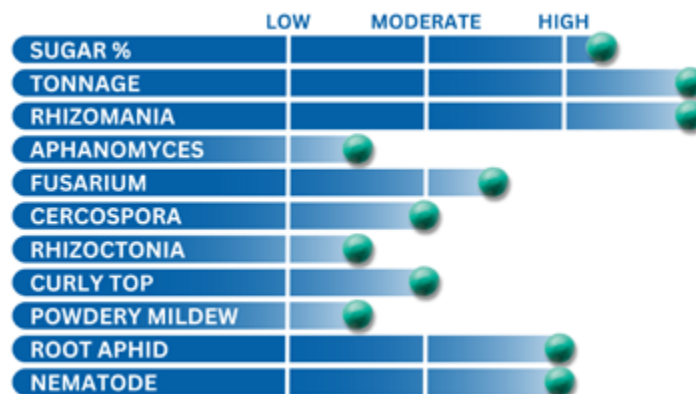
CRYSTAL A501

- Proven market-leading variety
- Excellent sugar per acre with great sugar content
- Balanced disease package
- Multisource rhizomania tolerance



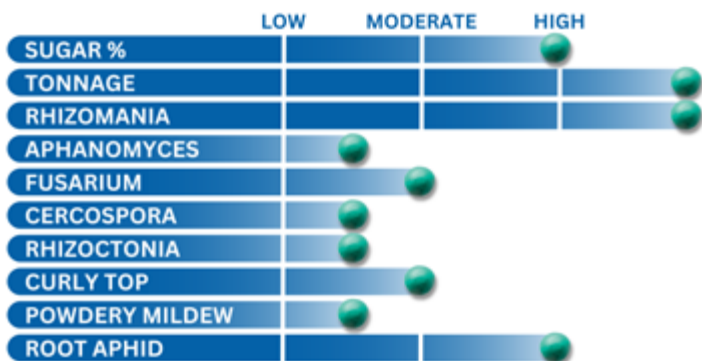
CRYSTAL A702NT

- Proven nematode variety
- High performance with excellent sugar per acre
- Moderate Cercospora tolerance
- Multisource rhizomania tolerance



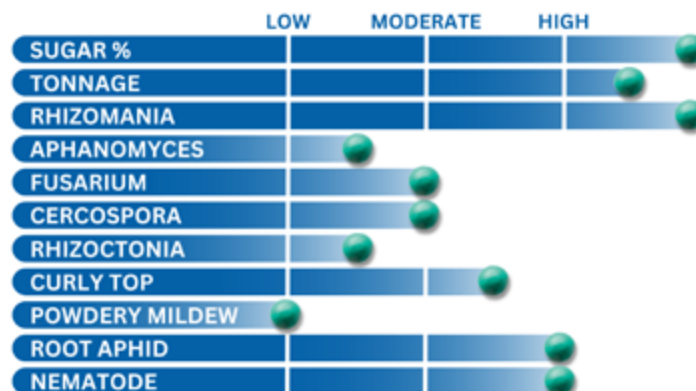
CRYSTAL A793

- Trial leading non-nematode variety
- High tonnage with excellent sugar content
- Balanced disease package
- Multisource rhizomania tolerance



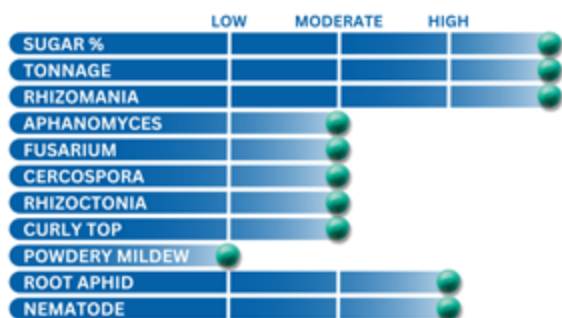
CRYSTAL A862NT

- Nematode variety with excellent sugar content
- Proven variety with excellent performance
- Strong curly top with moderate Cercospora tolerance
- Multisource rhizomania tolerance



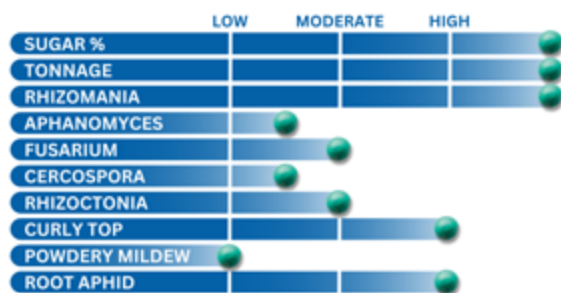
CRYSTAL A095NT

- Proven nematode variety with strong performance
- Excellent sugar content with high yields
- Balanced disease package including Rhizoctonia, Aphanomyces and Cercospora
- Multisource rhizomania tolerance



CRYSTAL A367

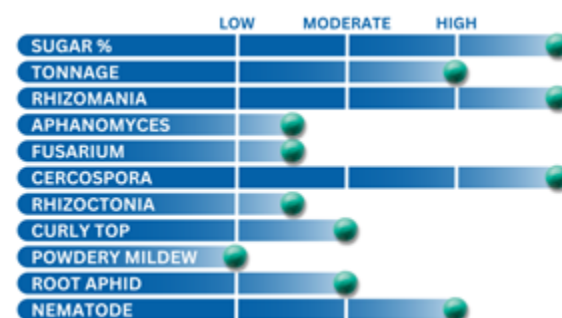
- High-performing non-nematode variety
- Excellent sugar per ton
- Balanced disease package
- Multisource rhizomania tolerance



CRYSTAL A384NT+

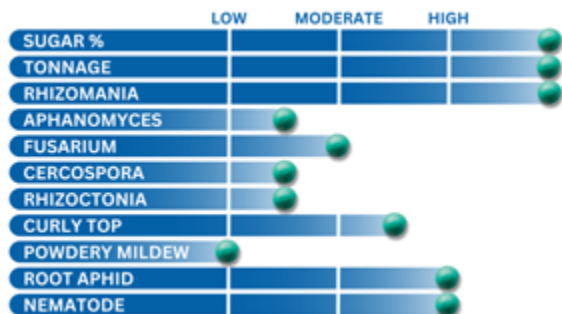
CR+

- Excellent Cercospora tolerance featuring the CR+ trait
- Nematode variety with excellent sugar per ton
- Balanced disease package
- Multisource rhizomania tolerance



NEW CRYSTAL A424NT

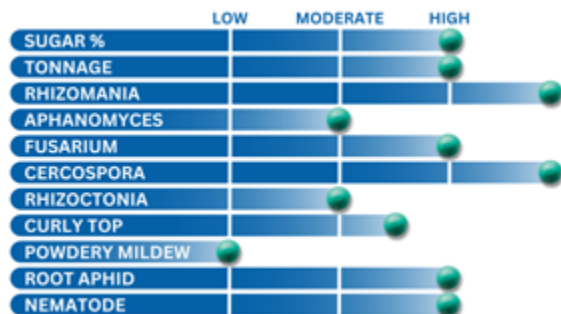
- Pending approval
- High-performing nematode variety with excellent sugar and yield
- Multisource rhizomania tolerance



NEW CRYSTAL A446NT+

CR+

- Pending approval
- High-performing nematode variety with high Cercospora tolerance
- Strong disease package that drives improved yield and sugar
- Multisource rhizomania tolerance



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



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“Recently I saw an image of a glass that was 50% full of water. The question next was as follows ‘Is the glass half empty or half full?’”

Thinking of this question has given me time to contemplate a response. Farmers are the only people who put a crop in the ground each spring without knowing what the outcome might be. It could be a complete success or failure; however, it doesn't seem to bother them to make the effort to take the risk. After all, without putting the crops in the ground we would never know the outcome. This past year, all of you put your best foot forward and raised fantastic crops. Some of the best yields across the whole farm's portfolio. An impressive outcome to say the least. You accomplished your goal of being the best you can be. As farm commodity prices struggle, I believe “Farmers” will see the Glass Half Full and continue to produce some of the best yields we have ever raised for 2026. It won't come without effort, but we can do it together.

We look forward to continuing as a team and partnering with you to provide the best seed genetics there are to offer.



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Our 2025 Winner: **Congratulations, Minidoka County Senior Center!**

Minidoka County Senior Center is one of six organizations nationwide selected to receive a \$10,000 award from the 2025 Homegrown Giving program. The donation will enhance the senior center's meal services with a new steam table, delivery bags and food storage containers – ensuring nutritious meals remain accessible to both on-site visitors and homebound residents.

The investment comes at a crucial time, as the center is serving more seniors than ever before amid rising food costs and limited rural transportation. The new steam table will expand healthy meal options, while upgraded delivery bags and storage containers will help maintain meal quality for those relying on deliveries. Each day, the volunteer-led center serves 180 seniors through on-site meals and the Meals on Wheels program, with drivers covering up to 65 miles daily to deliver hot meals to homebound residents. More than a meal service, the program provides connection, comfort and peace of mind, helping seniors remain healthy, independent and engaged in the community of Rupert.



**We won the ♥
of our hometown.**

Rupert, Idaho



Congratulations 2025 Homegrown Giving Recipients!

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

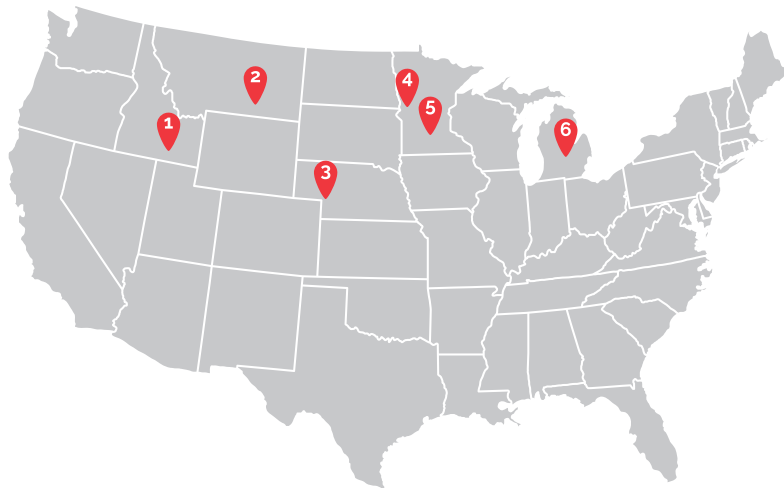
2. Western Sugar North/Wyoming Sugar:
Peg A Way 4-H
Custer, Montana

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.**

