



SUGARBEET SEED
ACH SEEDS®



Product Guide 2025

AMALGAMATED SUGAR

Plant sugarbeet seed developed with your growth in mind.

See a valuable difference in your season.

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. All varieties have tolerance to Aphanomyces, Rhizoctonia and Fusarium, and are bred to also include strong rhizomania tolerance.

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



GOLD

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

From Steckling to Seed: A Two-Year Process

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

We're proud to produce the seed that keeps you growing.

Your productivity and profitability are our top priorities. That's why our breeding, sales and marketing teams dedicate an entire decade to the development of innovative, new seed varieties.

Timeline for 2025 Seed Delivery

YEAR ONE

1. Determine what varieties will best serve evolving market needs based on environment, challenges and grower preferences.
October 2022 – January 2023
2. Plant stecklings in Arizona to start the first seed production year (pre-vernalization).
July – September 2023
3. Review trial data and proceed with only the varieties that meet our high standards.
Early December 2023
4. Harvest stecklings and start vernalization by placing them in cold storage.
Late December 2023
5. 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.
January – March 2024
6. Harvest commercial seed production and prepare for processing.
August 2024
7. Seed is processed, treated and packaged for sale. Each seed lot is meticulously analyzed for quality.
September 2024 – February 2025
8. Deliver seed varieties that fit the unique needs for each field to our customers.
Scheduled for spring 2025



Using **steckling** production techniques provides flexibility, security and speed to more accurately meet customer demand. As stecklings are produced in the open environment, seed size and the amount of seeds produced are subject to the growing season conditions.



Vernalization is the process by which plants use a prolonged cold period (winter) to promote flowering. Using controlled conditions to simulate this naturally occurring event enables the use of off-season production in Arizona with minimal risk to loss during freezing conditions in Oregon and Washington.

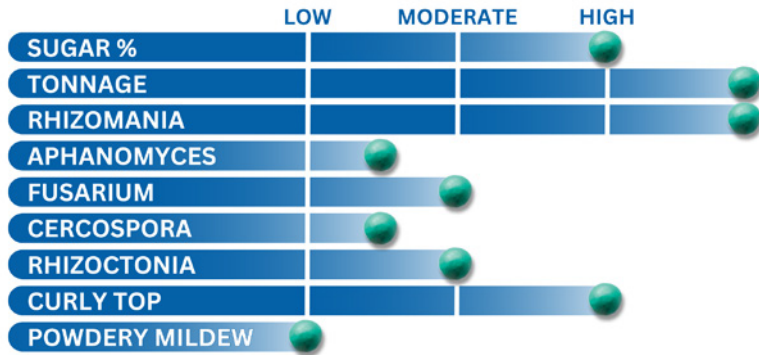
YEAR TWO



Amalgamated Sugar Varieties

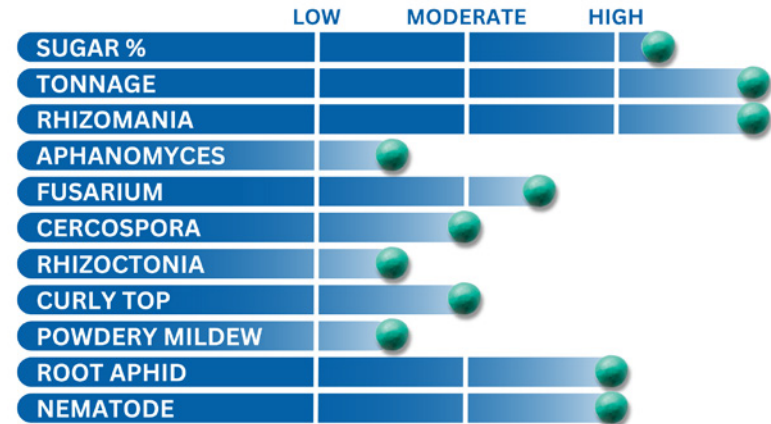
CRYSTAL A501

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



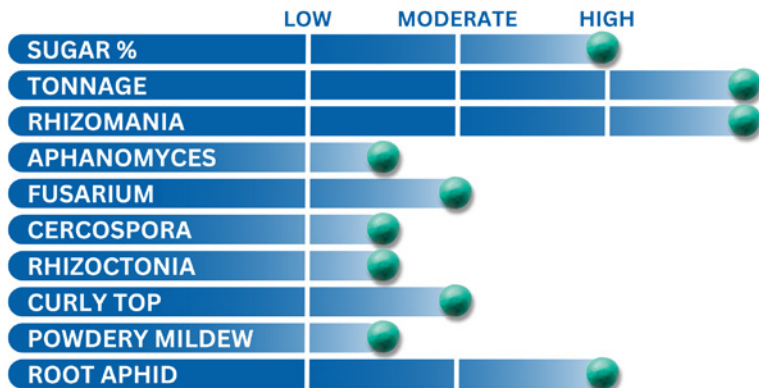
CRYSTAL A702NT

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



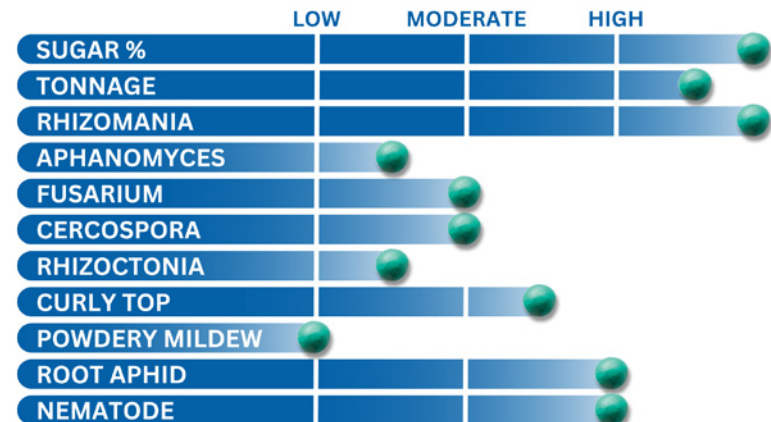
CRYSTAL A793

- 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

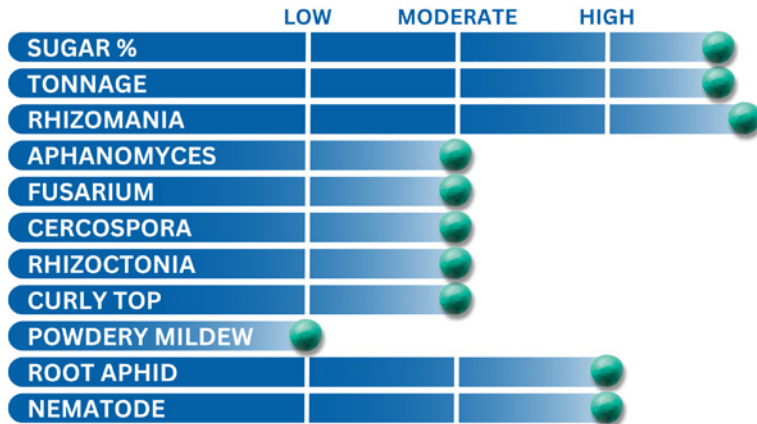


Varieties shown in red offer nematode tolerance.

Amalgamated Sugar Varieties

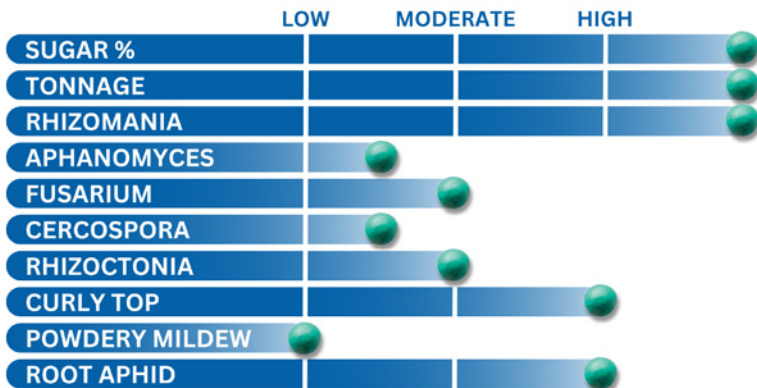
CRYSTAL A095NT

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



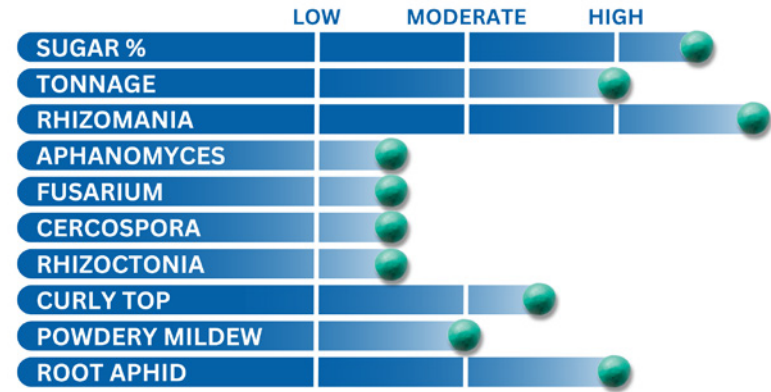
NEW CRYSTAL A367

- *Pending approval*
- New high-performing non-nematode variety
- Excellent sugar per ton
- Balanced disease package
- Multisource rhizomania tolerance



CRYSTAL A263

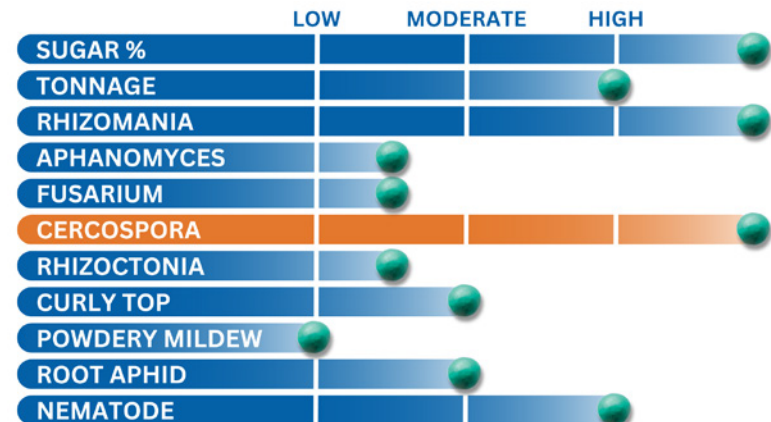
- Non-nematode variety with balanced sugar per ton
- Well adapted with good sugar per acre
- Moderate powdery mildew tolerance
- Multisource rhizomania tolerance



NEW CRYSTAL A384NT+

CR+

- *Pending approval*
- Excellent Cercospora tolerance featuring the CR+ trait
- New nematode variety with excellent sugar per ton
- Balanced disease package
- Multisource rhizomania tolerance



Your ACH Seeds Sales Team

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



BURKE GARNER | WESTERN REGION MANAGER

208-431-5101 | bgarner@achseeds.com

“SUCCESS IS NOT FINAL, FAILURE IS NOT FATAL: IT IS THE COURAGE TO CONTINUE THAT COUNTS.”

– Winston Churchill

I can't think of a better quote that exemplifies farming and, more specifically, farmers. We have all experienced successes and failures in our lifetime. Often, my children are told that “being a parent didn't come with an instruction manual.” Last I checked, Amazon didn't have an instruction manual for being a farmer.

In my 20+ year career, I have never seen a year that was the same as the year prior. As we tackle unforeseen challenges, we are grateful to bring the experience and resources of ACH Seeds to our partnerships and to consider each of you as a partner and friend.

Together, we can be successful. Courage and effort mold us into being the **BEST** version of what we are capable of.

I believe we are up for the challenge. **Let's do this!**

Contact your independent sales agent to learn more about varieties available in your region.



LUKE ADAMS

Rupert, ID
lukeadams@timmadamsfarms.com
208-260-2669

Luke was born and raised in Rupert, Idaho, and is a third-generation farmer. His parents, Timm and Barbara Adams, instilled him with a love of farming at an early age.



EDDY MARTINEAU

Nampa, ID
emartineau234@gmail.com
208-941-3634

Eddy resides in the Nampa, Idaho, area with his family. He loves to attend as many of his children's events as he can make. He enjoys hunting, fishing and sneaking out on the boat for a lake day whenever possible. Eddy looks forward to helping his customers succeed.



MIKE WHEELER

Declo, ID
topgunseed@outlook.com
208-431-5762

Mike was born and raised on a family farm in the Raft River Valley. He enjoys flying his 1956 Piper Super Cub around the valley and spending time with his grandkids. After attending Idaho State University's crop and soils technology program, he earned a crop consultant's license.



NATALIE SMYER

Burley, ID
bn.achseeds@gmail.com
208-431-4649

Natalie grew up on a family farm south of Burley and was active in 4-H and FFA. She is involved in the community and serves in many different ways. She loves being involved in all aspects of agriculture. Natalie has five children along with five grandchildren.



ROBB GIESBRECHT

Aberdeen, ID
pillarbutte@gmail.com
208-221-0500

Robb grew up on a farm in southeast Idaho. While attending Idaho State University to earn an accounting degree, he continued to manage the farm and started a seed company. He finds personal joy in helping all his customers yield the greatest success.



DOUG MANNING

Paul, ID
achseedsdoug@gmail.com
208-219-9224

Doug grew up in Oregon but moved to Idaho with his family in 1987. He earned his bachelor's degree from Utah State University. When Doug isn't out taking care of his growers, you'll likely find him in the gym helping coach basketball.



STEVE NASH

Homedale, ID
s.nash@frontier.com
208-573-4694

Steve began farming in the Homedale area in 1985. He earned degrees in agricultural economics and mechanization from the University of Idaho. Steve raises sugarbeets, wheat, beans, corn, alfalfa and purebred Charolais cattle on his farm.



Our 2024 Winner: Congratulations, Martha and Mary's Food Pantry!

Martha and Mary's Food Pantry is one of six organizations nationwide chosen to receive \$10,000 from the 2024 Homegrown Giving program. The organization provides crucial support to local community members in need. This donation will enhance the pantry's ability to serve its clients and address the growing need for a larger facility.

Martha and Mary's Food Pantry, a fully volunteer-run organization, has been a beacon of hope and support for the local community for the past 14 years, providing essential food supplies to over 650 people monthly. The Homegrown Giving donation will support their search for a larger facility to accommodate their growing clientele, as their current space is too small for the 45,000 pounds of food distributed each month. The funding will also enhance storage capacity and cover operational costs, ensuring it can continue to effectively support those in need.



We won the 
of our hometown.
Jerome, Idaho

“Martha and Mary's Food Pantry exemplifies the spirit of community support that lies at the heart of our Homegrown Giving program. Their dedication to serving those in need, fostering volunteerism and utilizing local resources ensures that every effort made contributes to a healthier, more resilient community.”

– Burke Garner, ACH Seeds Western Region Manager

“In rural communities like ours, we lack the big donors that some urban areas have. Like most rural food pantries, we rely on our own resources and the generosity of others to continue this vital work. Getting funds is a challenge, but the need in rural communities is just as high. We are grateful to companies like ACH Seeds for helping us provide for the people who need extra support in our community.”

– Jeff Schroeder, Martha and Mary's Food Pantry Assistant Coordinator



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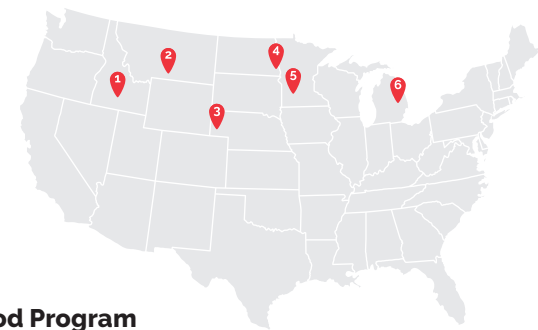


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Congratulations to our 2024 Homegrown Giving Recipients!



1. Amalgamated Sugar:
Martha & Mary's Food Pantry
Jerome, Idaho

2. Western Sugar North / Wyoming Sugar:
Fromberg FFA
Fromberg, Montana

3. Western Sugar South:
Weekend Backpack Food Program
Scottsbluff, Nebraska

4. Minn-Dak:
Richland Wilkin Emergency Food Pantry
Wahpeton, North Dakota

5. Southern Minn:
Renville County West FFA
Renville, Minnesota

6. Great Lakes:
Unionville-Sebewaing Area FFA
Sebewaing, Michigan



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TO LEARN MORE.**

