CRYSTAL®

SUGARBEET SEED

ACH SEEDS®

PRODUCT GUIDE

2027

AMALGAMATED SUGAR

Strong Partnerships, **Better Harvests**

All Amalgamated Sugar 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 rhizomania, Cercospora, powdery mildew, Aphanomyces, curly top, and Rhizoctonia, 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®
GOLD



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

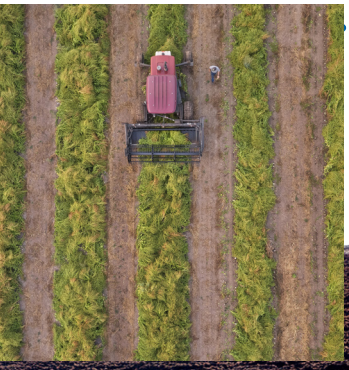
Transplant the stecklings in Washington and Oregon to begin the second phase of seed production.



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

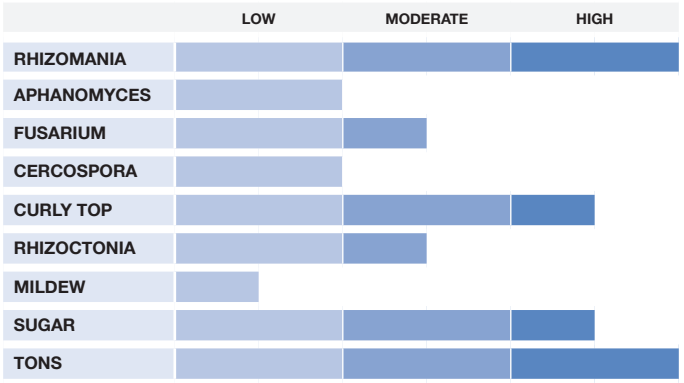
Deliver seed varieties that fit the unique needs for each field to our customers.





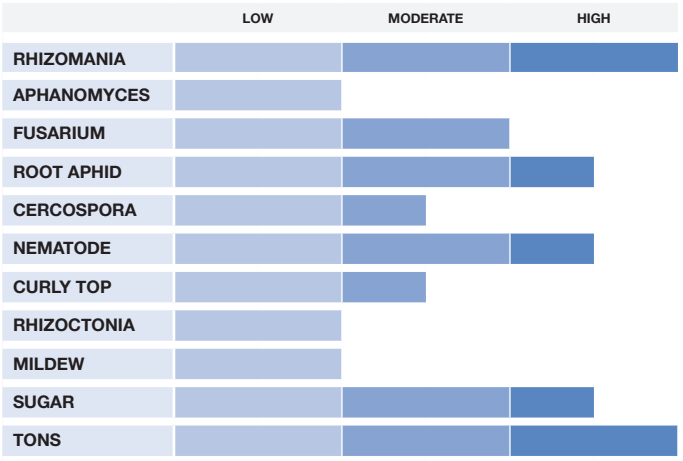
Amalgamated **Sugar Varieties**

CRYSTAL **A501**



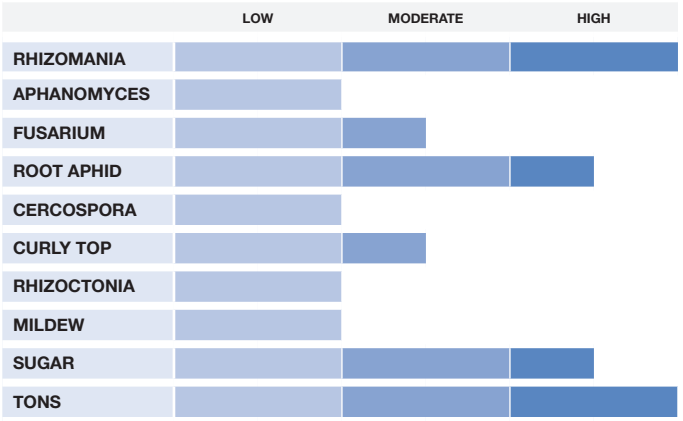
- Proven market-leading variety
- Excellent sugar per acre with great sugar content
- Balanced disease package
- Multisource rhizomania tolerance

CRYSTAL **A702NT**



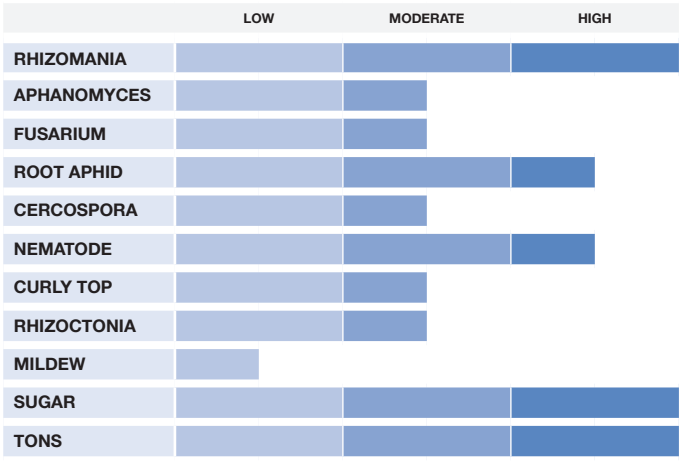
- Proven nematode variety
- High performance with excellent sugar per acre
- Moderate Cercospora tolerance
- Multisource rhizomania tolerance

CRYSTAL **A793**



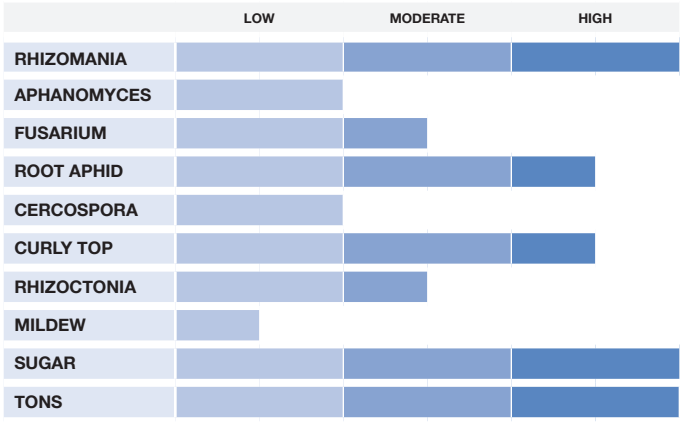
- Trial leading non-nematode variety
- High tonnage with excellent sugar content
- Balanced disease package
- Multisource rhizomania tolerance

CRYSTAL **A095NT**



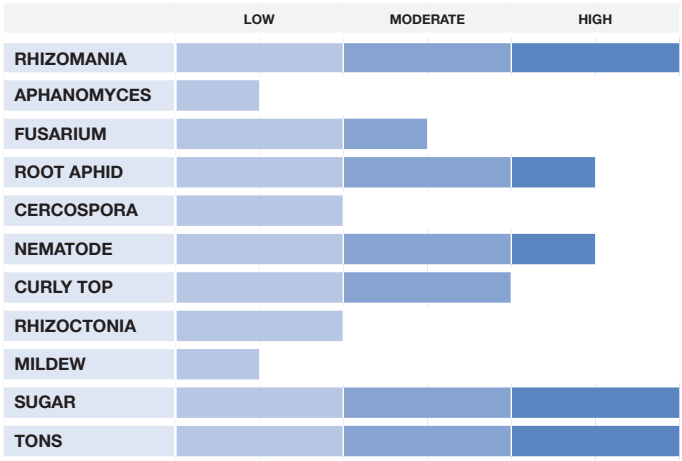
- Proven nematode variety with strong performance
- Excellent sugar content with high yields
- Balanced disease package including Rhizoctonia, Aphanomyces and Cercospora
- Multisource rhizomania tolerance

CRYSTAL **A367**



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

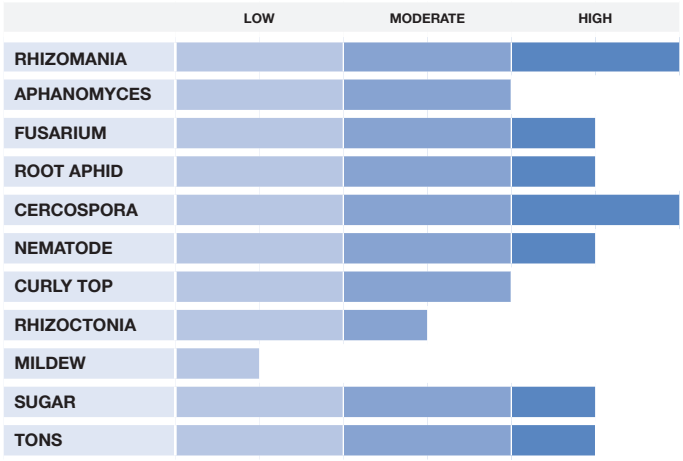
CRYSTAL **A424NT**



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

CRYSTAL **A446NT+**

CR+

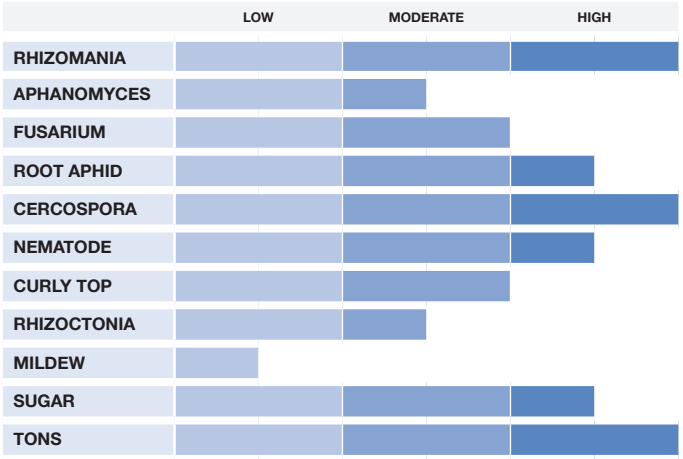


- High-performing nematode variety with high Cercospora tolerance
- Strong disease package that drives improved yield and sugar
- Multisource rhizomania tolerance

NEW

CRYSTAL **A534NT**

CR+

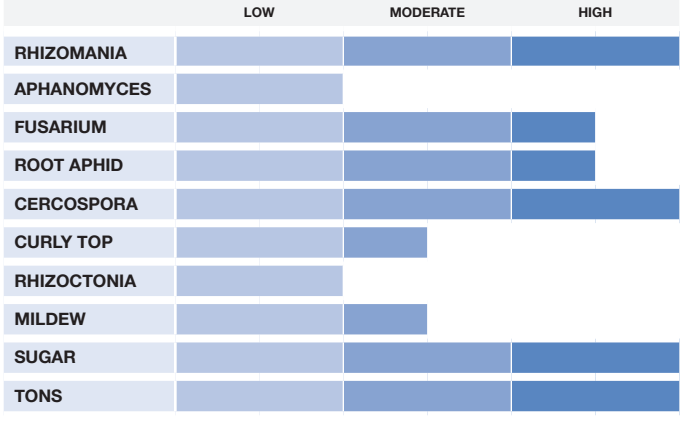


- Pending approval
- High-performing CR+ variety
- Strong nematode tolerance
- Multisource rhizomania tolerance

NEW

CRYSTAL **A547**

CR+

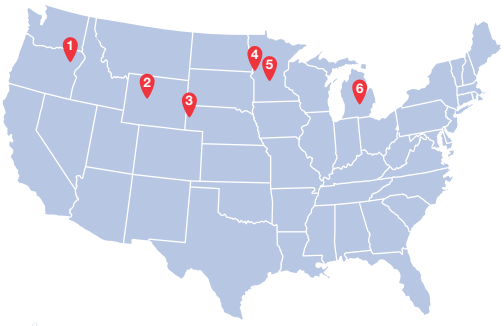


- Pending approval
- Top performing variety in 2025 OVTs
- Moderate powdery mildew tolerance
- Multisource rhizomania tolerance
- Non-nematode CR+ variety



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



We won the ❤ of our hometown

2026 Amalgamated Winner

Union FFA Chapter

Union FFA has received a $10,000 ACH Seeds Homegrown Giving award to expand hands-on agricultural learning opportunities for students and support community resources across Union County. The funding will help establish a student Supervised Agricultural Experience (SAE) grant program and support the chapter's collaborative "Gather and Grow" community resource initiative.

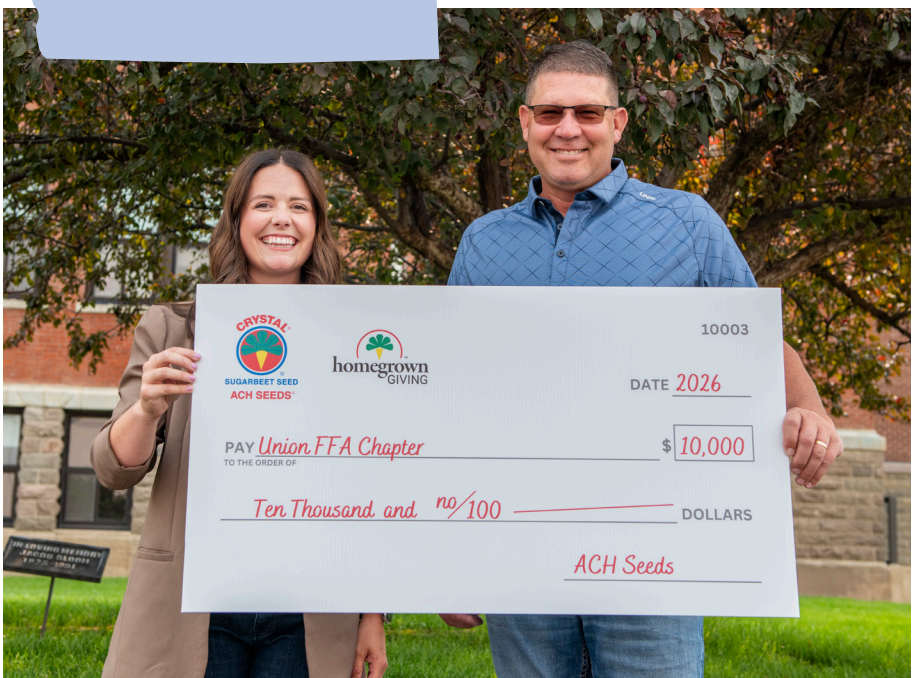
As one of Oregon's oldest and most established FFA chapters, Union FFA has been developing agricultural leaders for generations. Students take part in hands-on learning, leadership development and community service, including supporting local events, assisting with community improvement projects and helping prepare facilities for the Eastern Oregon Livestock Show.

The new SAE grant program will give students additional opportunities to pursue their own agricultural projects and interests. Funding will also help equip the cargo trailer used by the "Gather and Grow" initiative, strengthening the chapter's ability to serve its surrounding community.

Through the Homegrown Giving award, Union FFA can continue to create meaningful opportunities for students to learn, lead and make an impact through agriculture.



Union, Oregon



Learn more about all of our Homegrown Giving recipients.

Your Amalgamated **ACH Seeds Team**

The old saying, ‘When the going gets tough, the tough get going,’ has never been more fitting than it is today for America’s farmers.

Agriculture has always demanded resilience, but the current economic realities are testing even the strongest operations. Rising input costs, volatile commodity markets, higher interest rates, and unpredictable weather continue to put pressure on farm families across Idaho, Oregon and Washington.

Yet farmers are no strangers to adversity. Their grit is evident in every early morning, every difficult decision, and every season spent investing in the future despite uncertainty. Farming is more than a business; it is a commitment to feeding communities and stewarding the land for generations to come.

While the challenges are real, so is the determination that defines rural America. Farmers continue to adapt, innovate, and persevere, proving that toughness is not measured by the obstacles we face, but by our willingness to keep moving forward.

To all of you working the fields and caring for livestock, thank you for your perseverance, dedication, and grit. Your strength inspires me.

BURKE GARNER
WESTERN REGION MANAGER
208-431-5101
bgarner@achseeds.com





LUKE ADAMS
208-260-2669
lukeadams@timmadamsfarms.com



ROBB GIESBRECHT
208-221-0500
pillarbutte@gmail.com



EDDY MARTINEAU
208-941-3634
emartineau234@gmail.com



DOUG MANNING
208-219-9224
achseedsdoug@gmail.com



MIKE WHEELER
208-431-5762
topgunseed@outlook.com



STEVE NASH
208-573-4694
s.nash@frontier.com



NATALIE SMYER
208-431-4649
bn.achseeds@gmail.com

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

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