



SUGARBEET SEED
ACH SEEDS®



Product Guide 2025

WESTERN SUGAR SOUTH

Plant sugarbeet seed developed with your growth in mind.

See a valuable difference in your season.

All Western Sugar South 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.

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



GOLD



PLATINUM

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



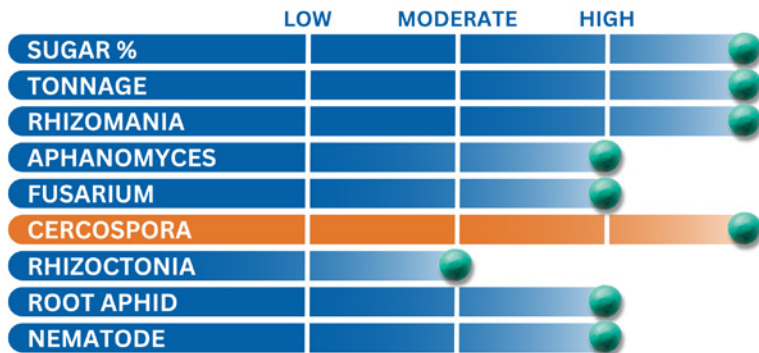
Western Sugar South Varieties

Varieties shown in red offer nematode tolerance.

CRYSTAL W290NT+

- Excellent Cercospora tolerance with the CR+ trait
- Nematode-tolerant variety with complete disease package
- Top-performing variety with excellent sugar per ton
- Multisource rhizomania tolerance with strong root aphid

CR+

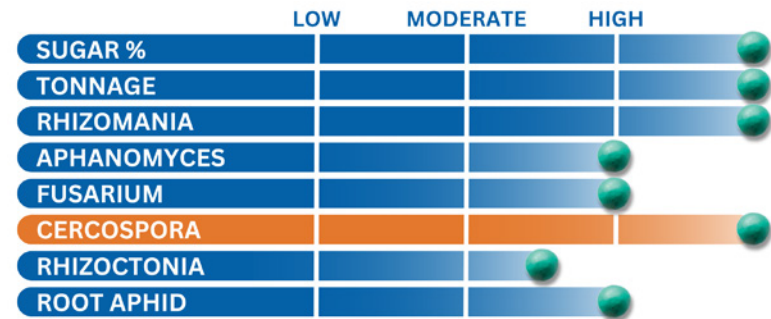


NEW - TEST MARKET

CRYSTAL W337+

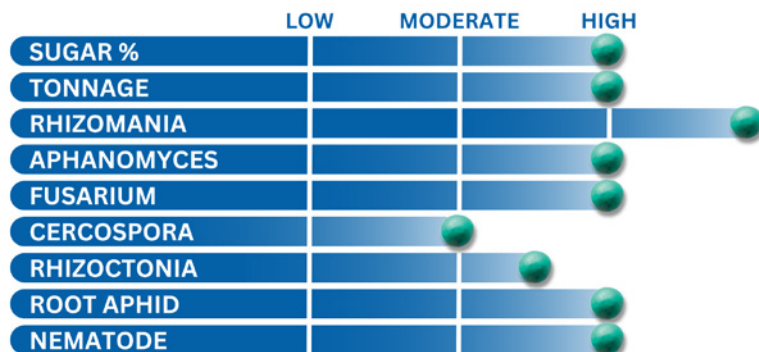
- Excellent Cercospora tolerance with the CR+ trait
- Excellent sugar per acre with good sugar per ton
- Balanced variety with good overall disease package
- Multisource rhizomania tolerance with good Rhizoctonia tolerance

CR+



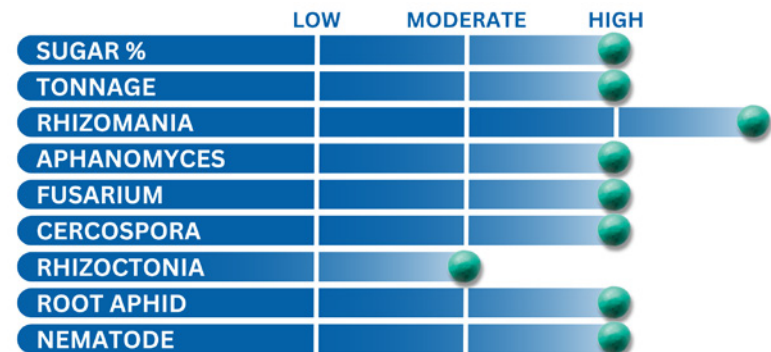
CRYSTAL W907NT

- Nematode-tolerant variety with high Rhizoctonia tolerance
- Strong root disease variety including high Aphanomyces
- Excellent balance of high sugar and tons
- Multisource rhizomania tolerance with strong root aphid



CRYSTAL W058NT

- High performing nematode-tolerant variety
- Balanced sugar and tonnage with an excellent disease package
- Good Aphanomyces and Fusarium tolerance
- Multisource rhizomania tolerance with strong root aphid





Notes:

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Your ACH Sales Team

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



RYAN REUTER | WESTERN SUGAR SOUTH ACH SEEDS SALES MANAGER

308-765-0384 | rreuter@achseeds.com

At ACH Seeds, we are proud to partner with you, the grower, to make your operation successful. We are excited to offer you the best genetics that will match your fields. We understand that every year has its unique challenges. We are ready to meet and exceed those challenges. We thank you for your business and wish you the best of luck in 2025!

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



MARK SPAUR

Milliken, CO
spaurbeet@gmail.com
970-290-9298



ED CROISSANT

Eaton, CO
elcraven@msn.com
970-381-4115



DAVID BLACH

Yuma, CO
blachburg@gmail.com
970-630-0181



RON BLACH

Yuma, CO
rlblach@hotmail.com
970-630-2382



CARL LUX

Gering, NE
beetseed@hotmail.com
308-299-0123



MIKE BURDETTE

Wiggins, CO
mrb6957@gmail.com
970-768-4106



AARON WORLEY

Holyoke, CO
aaronworleyfarms@gmail.com
970-520-4900



BRIAN SPECHT

Hemingford, NE
brianseed122@gmail.com
308-760-0894



KENT MAUSER

Big Springs, NE
kentmauser@gmail.com
308-289-5402



DAN MELCHER

Wheatland, WY
melcherdd@gmail.com
307-331-0197



Our 2024 Winner: Congratulations, Scottsbluff and Gering Public Schools' Weekend Backpack Food Program!

The Scottsbluff and Gering Public Schools' Weekend Backpack Food Program is one of six organizations nationwide chosen to receive \$10,000 from the 2024 Homegrown Giving program. This donation provides crucial support to help the organization address food insecurity among students in the community.

For the past 12 years, the Weekend Backpack Food Program, which handles both the CatPacks and PupPacks, has been a lifeline for students in the Scottsbluff and Gering school districts. Established to address the food insecurity among students from pre-K through high school, the Weekend Backpack Food Program ensures children have access to food over the weekends when school meals are unavailable. What began with 30 backpacks has now expanded to support over 500 students weekly, equipping them with vital food items that enable them to return to school on Monday ready to learn and thrive. The Homegrown Giving donation will help cover costs for protein and other essential food items for students throughout the school year.



We won the 
of our hometown.
Scottsbluff, Nebraska

“ The Weekend Backpack Food Program is incredibly deserving of the Homegrown Giving award. Their unwavering dedication to improving the lives of students by ensuring food security for all those in need exemplifies the spirit of community support and resilience. By addressing the critical issue of food insecurity, they not only nourish the bodies of these young students but also empower them with the stability and hope necessary to thrive academically and personally. Their efforts embody the very essence of what we aim to achieve through the Homegrown Giving program.”

– Ryan Reuter, ACH Seeds Sales Manager

“ We are so appreciative of every contribution. Our program wouldn't exist without the support of donors like ACH Seeds. If you're considering applying for the Homegrown Giving program, don't hesitate.”

– Tracy Steele, Weekend Backpack Food Program Coordinator



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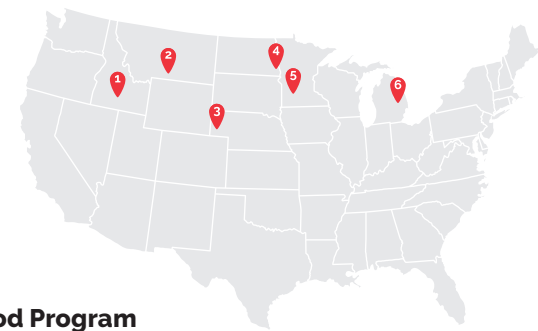


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Congratulations to our 2024 Homegrown Giving Recipients!



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



**VISIT [ACHSEEDS.COM](https://www.achseeds.com)
TO LEARN MORE.**

