

SUGARBEET SEED

ACH SEEDS®

PRODUCT GUIDE

2027

MINN-DAK FARMERS COOPERATIVE

Strong Partnerships, **Better Harvests**

All Minn-Dak 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

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

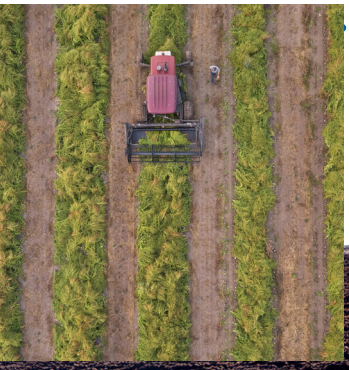
Transplant the stecklings in Washington and Oregon to begin the second phase of seed production.



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.





Minn-Dak **Sugar Varieties**

CRYSTAL **D166**

	LOW	MODERATE	HIGH
RHIZOMANIA			
APHANOMYCES			
FUSARIUM			
ROOT APHID			
CERCOSPORA			
RHIZOCTONIA			
SUGAR			
TONS			

- Strong root rot tolerance
- High sugar per ton with good sugar per acre

CRYSTAL **D472**

	LOW	MODERATE	HIGH
RHIZOMANIA			
APHANOMYCES			
FUSARIUM			
ROOT APHID			
CERCOSPORA			
RHIZOCTONIA			
SUGAR			
TONS			

- Very good Rhizoctonia
- High yield potential
- Great sugar per acre

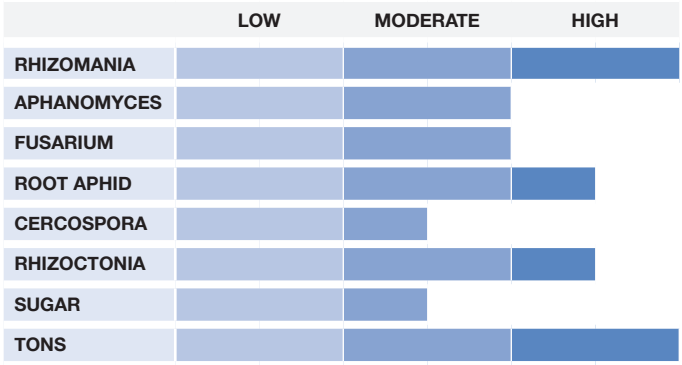
NEW

CRYSTAL **D559**

	LOW	MODERATE	HIGH
RHIZOMANIA			
APHANOMYCES			
FUSARIUM			
ROOT APHID			
CERCOSPORA			
RHIZOCTONIA			
SUGAR			
TONS			

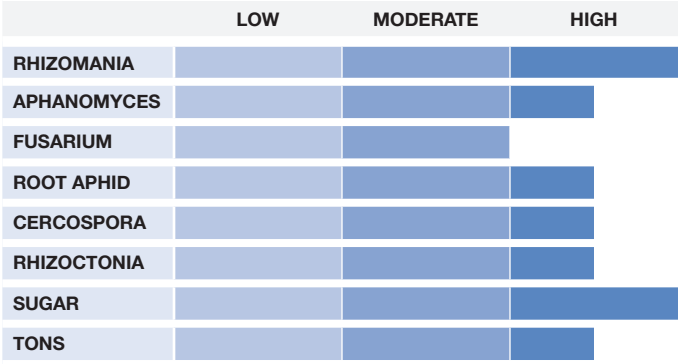
- Pending approval
- Excellent sugar per acre
- Great combination of sugar and tonnage
- Solid disease tolerance

CRYSTAL **D290**



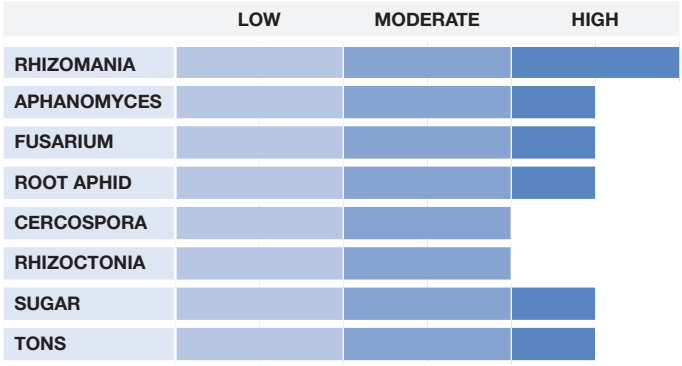
- High-performing variety with excellent sugar per acre
- Very good Rhizoctonia & Aphanomyces tolerance

CRYSTAL **D417**



- Enhanced Cercospora tolerance
- Great combination of sugar and performance
- High sugar per acre
- Very good Rhizoctonia

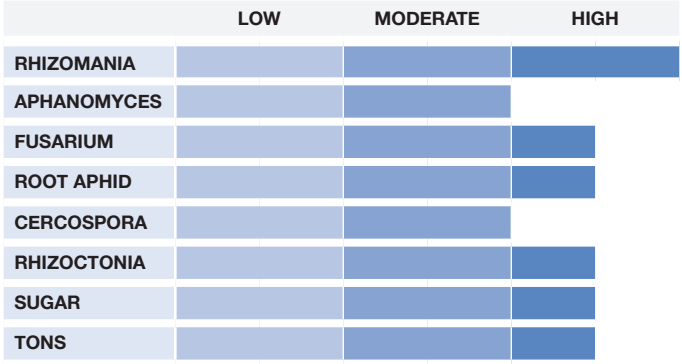
CRYSTAL **D489**



- Excellent Aphanomyces
- Traditional Cercospora tolerance with balanced performance

NEW

CRYSTAL **D592**

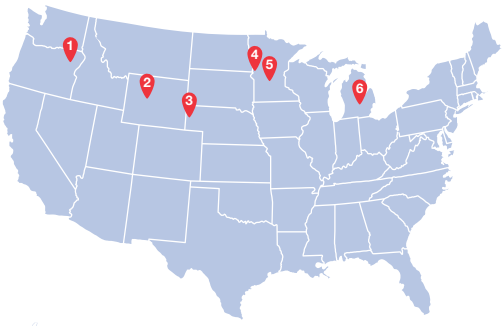


- Pending approval
- Balanced variety with good sugar per acre



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 Minn-Dak Winner

The Children's Discovery Center







The Children's Discovery Center has received a $10,000 ACH Seeds Homegrown Giving award to support the development of a new STEM learning center serving families throughout the Wahpeton-Breckenridge region. The funding will help bring the center closer to opening its doors and creating a space where local children can learn, play and discover new opportunities.

Founded nearly six years ago by a group of local mothers, the Children's Discovery Center was created to provide hands-on educational experiences for children of all ages. The new facility will feature interactive, play-based exhibits for younger children, along with a dedicated STEM lab where older youth can explore science, technology, engineering and math.

Agriculture will also play an important role in the center's programming, helping visitors learn how farming and local crops, including sugarbeets, contribute to the regional economy and everyday life.

For this volunteer-led organization, the Homegrown Giving award provides meaningful support as it works to create a lasting educational resource for families across the region.

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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