



SUGARBEET SEED
ACH SEEDS®

Product Guide 2024

WESTERN SUGAR NORTH AND WYOMING SUGAR



Sugarbeet-growing regions across the U.S. have distinct requirements for cultivation and management that dictate unique seed traits and treatment strategies.

All varieties developed for Western Sugar North and Wyoming Sugar growers are designed to maximize productivity without sacrificing pest and disease protection. All varieties have tolerance to Aphanomyces, Rhizoctonia and Fusarium and are bred to also include strong rhizomania tolerance.

Our Diamond Plated® Seed treatment series provides additional protection against seedling diseases and certain problematic insects in sugarbeet production. Our seed treatments are designed to protect the true genetic potential of the varieties.

Ask your ACH Seeds Crystal brand sales representative for more details.

For more than 20 years, ACH Seeds has collaborated with researchers and plant breeders to develop sugarbeet seed traits that offer superior disease and pest tolerance without sacrificing yield performance.

Our varieties combine multiple sources of rhizomania tolerance to maximize yield potential. This multi-source rhizomania trait is available in all Crystal varieties in the Western Sugar North and Wyoming Sugar markets.



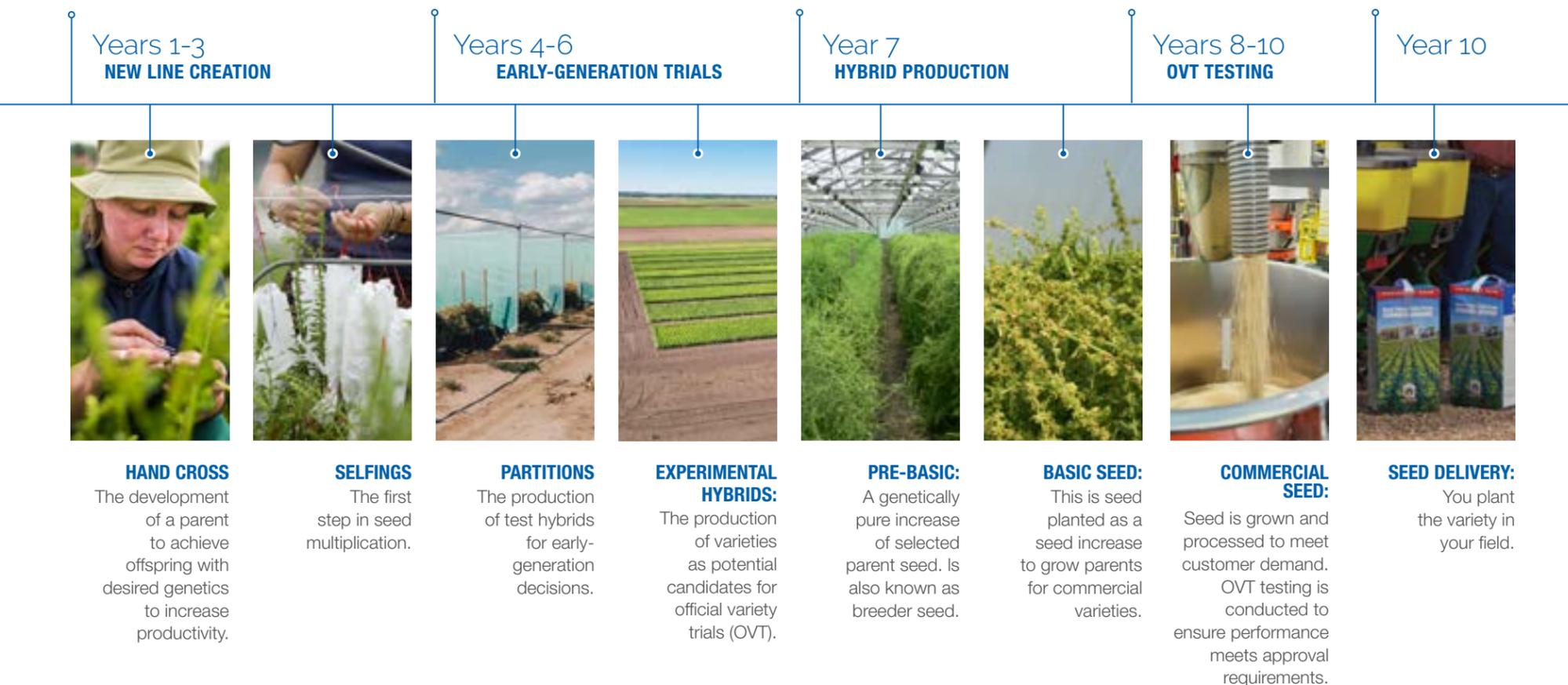
Developing seed varieties for your success.

We take seed variety development very seriously. Putting customers first is also a priority for us. Our sales, marketing and breeding teams collaborate to develop seed varieties growers require for a productive season. Your success informs everything we do.

Ensuring you keep growing.

Our official varieties spend at least 10 years in development before being made available to growers. Sales, marketing and product management representatives convene three times a year to collaborate on hybrid development for each region of the country. Production plans are assembled and revisited over a 2-year period to ensure grower priorities are being met and hybrids in development are performing as expected. That's how we deliver seeds to meet your needs. From field performance to sugar potential, your productivity is our priority.

This brochure includes seed varieties developed for your area of the country. Visit ACHSeeds.com for more information.



Sugarbeet hybrid seed development 10 Years

CR+

The Power of +

CR+ Trait: Disease Protection with Proven Performance

The CR+ trait from KWS delivers Cercospora protection. Plus yield performance. Plus flexibility. Plus ROI.

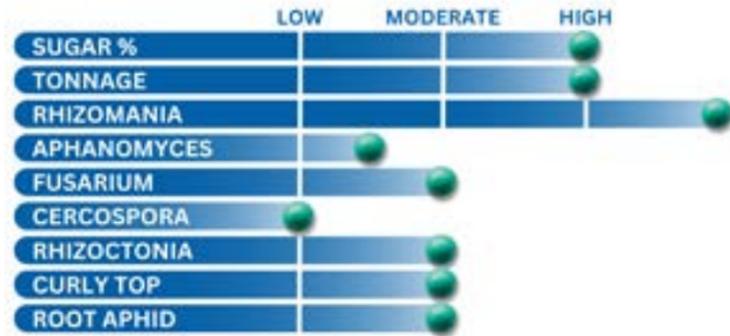
After three years of use by farmers across North America, Crystal brand hybrids containing the CR+ trait have delivered on the promise of protection and performance. Identified and developed by KWS researchers and plant breeders, growers have benefited from disease tolerance and protection without sacrificing performance.

For growers, this means green sugarbeet leaves until harvest and healthier plants with potentially reduced post-emergent fungicide sprays when compared to conventional Cercospora varieties. Varieties containing the CR+ trait also perform well in both the presence and absence of Cercospora pressure, which means no yield drag in non-disease conditions.

WSN/WYS Varieties

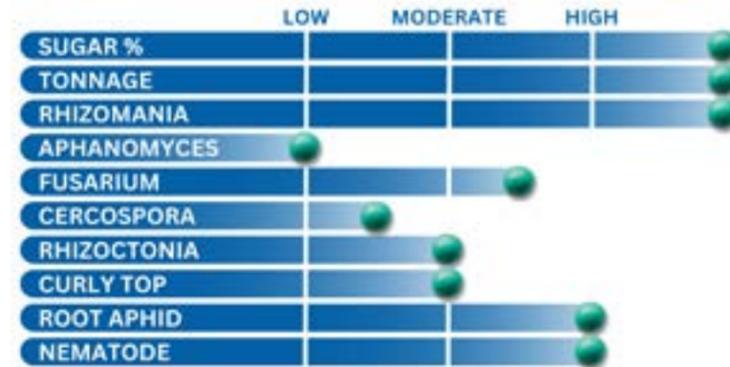
CRYSTAL RR116

- Full approval Western Sugar North only
- Long time proven performer
- High yielding with good sugar and balanced disease package
- Multisource rhizomania tolerance



CRYSTAL Y542NT

- Proven nematode performance
- Excellent sugar per acre with high sugar content
- Strong Fusarium with good Rhizoctonia tolerance
- Multisource rhizomania tolerance



WSN/WYS Varieties

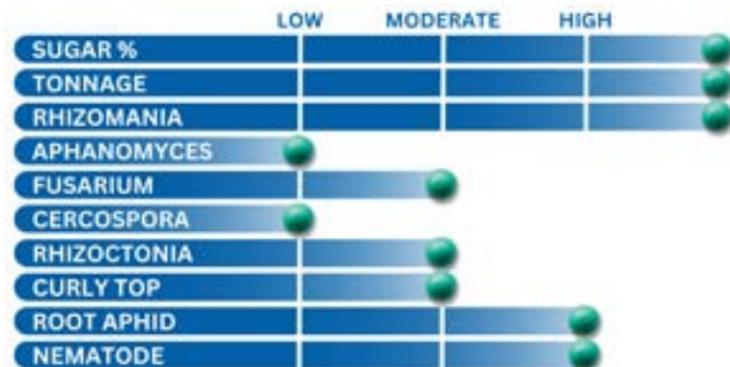
CRYSTAL Y299NT+

- Excellent Cercospora tolerance with the CR+ trait
- New nematode variety with excellent sugar per acre
- Excellent disease package and Cercospora
- Multisource rhizomania tolerance



CRYSTAL Y964NT

- Newer nematode variety
- Excellent sugar per acre with high sugar content
- Moderate Fusarium with good Rhizoctonia tolerance
- Multisource rhizomania tolerance



CRYSTAL Y235NT+

- Excellent Cercospora tolerance with the CR+ trait
- New nematode variety with excellent sugar per acre
- Balanced disease package
- Multisource rhizomania tolerance



Varieties shown in red offer nematode tolerance.



Your ACH Seeds Sales Team

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



STEVE SKAALURE | SALES MANAGER, WESTERN SUGAR NORTH

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Thanks for your continued support these past years as we're nearing the end of another growing/harvesting season! Hoping your crop met expectations in final yields and sugar content. The time to make plans for next year is quickly approaching, and our sales group will be contacting you to answer questions and give the latest updates on new varieties and discuss performance of varieties planted in 2023.

At ACH Seeds, we are entering a new period of exciting genetics. This fall, we will be offering at least one new CR+ variety bred to keep the damage of late-season Cercospora to a minimum. Along with this, our breeding team has been hard at work to bring new genetics to the field that can be sprayed with multiple types of herbicide for greater weed control. This may take 2-3 years yet for government regulations to get set into place, but the process has been started and getting closer to fruition.

Our top three varieties – CR 116, Y542NT and Y964NT – that have a tried and true history behind them, will again be the bricks to build upon for a successful year in 2024. As you consider next season's variety placement, we look forward to working with you on your field selections, putting the best varieties in the right place. Again, thank you for selecting us as a partner in your sugarbeet production!

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

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Our 2023 Winner. Congratulations, Huntley Project Schools FFA & Ag Department!

Huntley Project Schools is one of six organizations across the country selected to receive \$10,000 from the 2023 Homegrown Giving program. The funds will be used to support a variety of projects and efforts to enhance the quality of life across rural communities in sugarbeet-producing areas.

Huntley Project Schools offer welding and college welding classes to help teach students a skill-set they can use after graduation. The donation allows for expansion of their welding program by purchasing additional wire-feed welders. These additions will help students stay up to date with workplace operations and ensure they are well-trained and positioned to be successful in a trade career. A portion of the donation will also be used to expand the agriculture department's curriculum.



We won the  of our hometown.

Worden, Montana

“ There is an increasing need for students with workplace-ready skills in the agriculture trade industries. I'm grateful to ACH Seeds and their Homegrown Giving program for helping us provide the tools needed to continue promoting trade careers and help prepare students for the workforce.”

– Mark Wandle, Huntley Project Schools Superintendent

“ We are proud to partner with Huntley Project Schools and support their efforts in the community. When local communities thrive, everyone benefits. Homegrown Giving empowers and strengthens organizations in those areas working to make real impacts, while also enhancing the future of agriculture.”

– Steve Skaalure, ACH Seeds District Manager



MSC Region: Cass City Public Schools
Cass City, Michigan



TASCO Region: Declo High School FFA
Declo, Idaho



WSS Region: Gering High School FFA
& Ag Career Pathway
Gering, Nebraska



WSN/WYS Region: Huntley Project
Schools FFA & Ag Department
Worden, Montana



SMBC Region: Kerkhoven-Murdock-
Sunburg (KMS) Schools FFA Alumni
Kerkhoven, Minnesota



MDFC Region: West Central Area
(WCA) Schools FFA
Barrett, Minnesota



Congratulations to our 2023
Homegrown Giving Recipients!

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

