



# 2022 SEED GUIDE Minn-Dak



Breeding Confidence

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## Spray Less Yield More with the CR+™ Trait – A revolution in Cercospora tolerance

### A Growing Problem: Keeping Fields Green

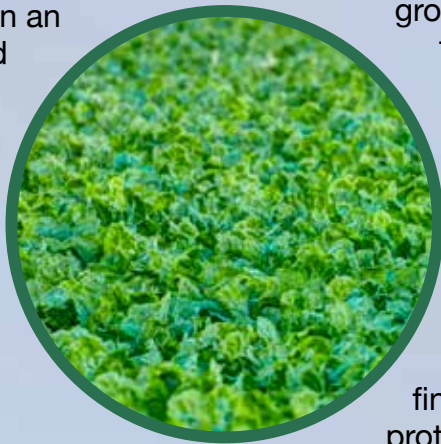
Sugarbeet growers have seen an increase in the incidence and severity of Cercospora Leaf Spot in recent years-- reducing sugar production in plants and robbing growers of yields.

While once well-managed with fungicides, Cercospora has developed a strong resistance to traditional treatments.

This has led to an increase in the frequency of applications even as their efficacy fades.

Tolerant seed varieties have offered an alternative approach to aggressive spraying, but these varieties often bring a steep drop-off in yields.

The situation has grown into a regional crisis. One that has impacts to costs, equipment and time management.



### A New Ally

With the introduction of the CR+ trait, growers finally have an edge in the battle with Cercospora.

The new seed trait developed by KWS and available in select Beta-seed varieties offers a genetic tool that can protect plants while also safeguarding yields. It is a revolutionary discovery that finally bridges the gap between protection and performance.

Perhaps most encouraging, acres planted with the CR+ trait require significantly less spraying. This saves both time and money-- helping growers get off the sprayer and on with life.

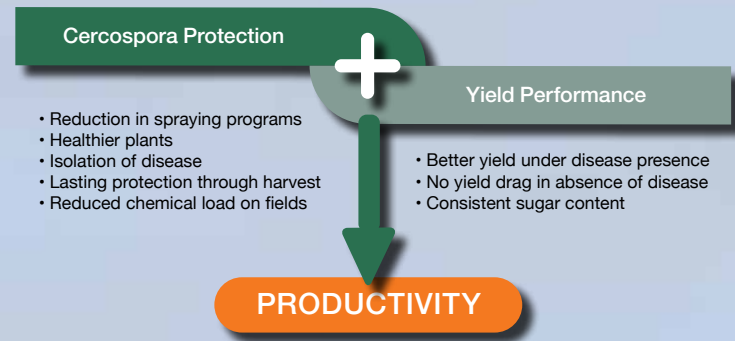
### CR+ is raising the bar



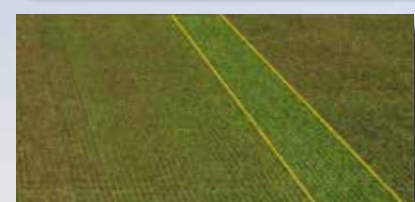
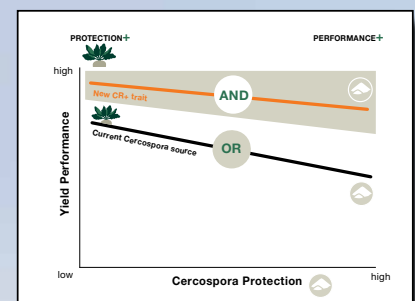
▶ SCAN ME

Scan code with your smartphone to watch a short video on one growers experience with the CR+ trait

### Cercospora Management. No Compromises.



### The CR+ trait offers Protection and Performance



Glyndon, MN Strip Trial. CR+ Tolerant Varieties inside the yellow lines.

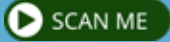




# Breeding Confidence in Minn-Dak



Watch a short video that provides more information on the steps involved in seed processing



## NEW Variety - Pending Approval

	Low	Moderate	High
Rhizomania	██████████	██████████	██████████
Aphanomyces	██████████	██████████	██████████
Fusarium	██████████	██████████	██████████
Root Aphid	██████████	██████████	██████████
Cercospora	██████████	██████████	██████████
Rhizoctonia	██████████	██████████	██████████
Sugar	██████████	██████████	██████████
Tons	██████████	██████████	██████████

### BTS 7068

- High RST & High RSA
- Excellent Aphanomyces tolerance & moderate Rhizoctonia tolerance
- **Contains CR+ KWS Trait**

	Low	Moderate	High
Rhizomania	██████████	██████████	██████████
Aphanomyces	██████████	██████████	██████████
Fusarium	██████████	██████████	██████████
Root Aphid	██████████	██████████	██████████
Cercospora	██████████	██████████	██████████
Rhizoctonia	██████████	██████████	██████████
Sugar	██████████	██████████	██████████
Tons	██████████	██████████	██████████

### BTS 7029

- MultiSource® rhizomania tolerant variety
- Superior Cercospora tolerance
- **Contains CR+ KWS Trait**

## NEW Variety - Pending Approval

	Low	Moderate	High
Rhizomania	██████████	██████████	██████████
Aphanomyces	██████████	██████████	██████████
Fusarium	██████████	██████████	██████████
Root Aphid	██████████	██████████	██████████
Cercospora	██████████	██████████	██████████
Rhizoctonia	██████████	██████████	██████████
Sugar	██████████	██████████	██████████
Tons	██████████	██████████	██████████

### BTS 7996

- MultiSource® rhizomania tolerant variety
- Superior Cercospora tolerance
- **Contains CR+ KWS Trait**

	Low	Moderate	High
Rhizomania	██████████	██████████	██████████
Aphanomyces	██████████	██████████	██████████
Fusarium	██████████	██████████	██████████
Root Aphid	██████████	██████████	██████████
Cercospora	██████████	██████████	██████████
Rhizoctonia	██████████	██████████	██████████
Sugar	██████████	██████████	██████████
Tons	██████████	██████████	██████████

### BTS 7062

- MultiSource® rhizomania
- Average RST and above average RSA

## NEW Variety - Pending Approval

	Low	Moderate	High
Rhizomania	██████████	██████████	██████████
Aphanomyces	██████████	██████████	██████████
Fusarium	██████████	██████████	██████████
Root Aphid	██████████	██████████	██████████
Cercospora	██████████	██████████	██████████
Rhizoctonia	██████████	██████████	██████████
Sugar	██████████	██████████	██████████
Tons	██████████	██████████	██████████

### BTS 7085

- MultiSource® rhizomania and very high Fusarium tolerance
- Moderate to high Aphanomyces tolerance
- Excellent RST & RSA

	Low	Moderate	High
Rhizomania	██████████	██████████	██████████
Aphanomyces	██████████	██████████	██████████
Fusarium	██████████	██████████	██████████
Root Aphid	██████████	██████████	██████████
Cercospora	██████████	██████████	██████████
Rhizoctonia	██████████	██████████	██████████
Sugar	██████████	██████████	██████████
Tons	██████████	██████████	██████████

### BTS 7845

- MultiSource® rhizomania tolerant variety
- Excellent Aphanomyces and Cercospora tolerance
- High sugar variety with moderate yield

Contact your sales representative to learn more about varieties available for your farm.

**Cody Lehman**  
Key Accounts Manager  
Phone: 701-361-1703

For over five decades, Betaseed has been the sugarbeet industry's leading seed provider, breeding solutions that mitigate pests and disease while driving yield higher for growers across the country. This focus has spawned varieties that thrive in each of our 11 regions while addressing diverse geographic and regional challenges.

A large driver of Betaseed's success has been a collaboration with our parent company KWS. Their global, research-driven solutions combine with our local breeding expertise to deliver an unmatched ability to meet grower needs. It's a partnership that will become even more important in the future as we continue to cultivate the next generation of seed.

