

# MINERVA<sup>®</sup> DUO

FUNGICIDE



## POWERFUL CONTROL PAYS WITH MINERVA<sup>®</sup> DUO

What do you get when you combine the two most proven and performing active ingredients against Cercospora leaf spot (CLS) into one unique pre-mix formulation? Minerva<sup>®</sup> Duo Fungicide.

With the dual benefit of tetraconazole, long recognized as the standard for CLS control in sugarbeets, and triphenyltin hydroxide (TPTH), which provides powerful multi-site protective action to reduce the risk of fungicide resistance, Minerva Duo is the tool that sugarbeet growers can depend on. This powerful combination ensures growers that one bottle provides them what they need for optimum control of CLS and other tough diseases.



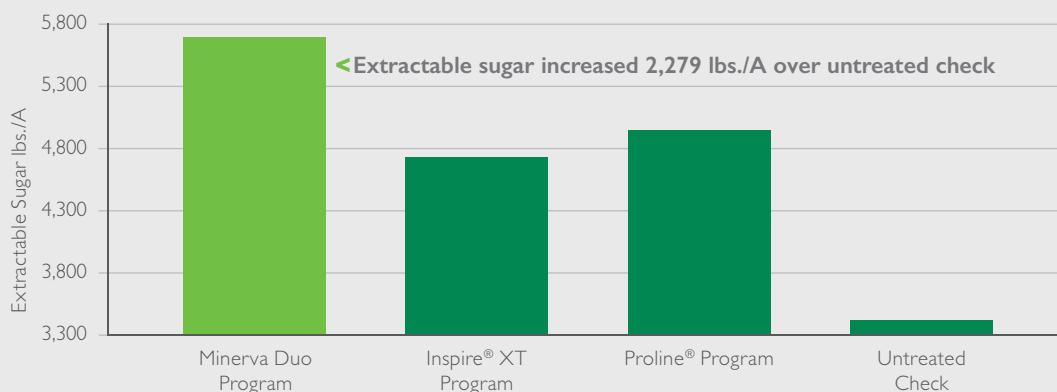
### MINERVA DUO OVERVIEW

- » Combines a broad-spectrum protectant triphenyltin with an effective fast-acting and long-lasting triazole
- » Powerful systemic and contact activity
- » Unmatched disease protection against Cercospora leaf spot, powdery mildew and Ramularia
- » Unique formulation reduces the risk of fungicide resistance
- » Outperforms competitors; best ROI according to 2017 Michigan Research Report
- » Fits with production recommendations from the sugar industry.

# THE PAYOFF

In independent and university trials, as well as on-farm results, Minerva Duo have proven to not only provide excellent control of CLS, powdery mildew and Ramularia but delivers the best ROI. In fact, a Michigan State trial showed that the ROI from Minerva Duo was almost double that of the Inspire® XT and Proline® programs.

## CERCOSPORA LEAF SPOT TRIAL



### Minerva Duo Program:

1st Application – Minerva Duo (16 oz./A)  
2nd Application – Super-Tin® (8 oz./A) + Manzate® (1.5 lbs./A)  
3rd Application – Headline® (9 oz./A)

### Inspire XT Program:

1st Application – Inspire® XT (7 oz./A)  
2nd Application – Super-Tin® (8 oz./A) + Manzate® (1.5 lbs./A)  
3rd Application – Headline® (9 oz./A)

### Proline Program:

1st Application – Proline® (5.77 oz./A)  
2nd Application – Super-Tin® (8 oz./A) + Manzate® (1.5 lbs./A)  
3rd Application – Headline® (9 oz./A)

Michigan State University. Richville, MI. 2017

## RECOMMENDED USE RATES

16 fl. oz./A

- » Apply at least 21 days prior to harvest.

## PACKAGING

2 x 2.5 gallons per case, 260 gallon tote

## FRAC CODE

3 (tetraconazole),  
30 (triphenyltin hydroxide)

## 3-SPRAY PROGRAM

- » Minerva Duo followed by TPTH + EBDC or Copper, followed by Minerva fungicide + EBDC or Copper
- » Best application timing is in the first spray of the season, generally 50 to 60 days after planting, pending weather.

## 2-SPRAY PROGRAM

- » Minerva Duo followed by Minerva fungicide + EBDC or Copper
- » Best application timing is in the first spray of the season, generally 50 to 60 days after planting, pending weather.

## DISEASES CONTROLLED

- » Cercospora leaf spot
- » Powdery mildew
- » Ramularia

To learn more about Minerva Duo or our entire sugarbeet portfolio, talk to your Sipcam Agro distributor or visit [sipcamagrousa.com](http://sipcamagrousa.com).



Sipcam Agro USA, Inc.

2525 Meridian Parkway, Suite 100 | Durham, NC 27713 | [sipcamagro.com](http://sipcamagro.com) | 800.295.0733

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