



Cercospora Leaf Spot Fungicide Recommendations

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During the 2016 season it is estimated that SMBSC lost in excess of \$30 million due to cercospora leaf spot. While SMBSC had much better control of CLS in 2017, there was still an estimated loss of \$7 million due to this disease. There is still a large amount of inoculum out in the fields and it remains very important for the 2018 crop that we tank mix and make fungicide applications in a timely manner. This will protect the remaining fungicide families and provide the best control for the 2018 growing season.

2018 SMBSC CLS Recommendation		
Application	Products	Approximate Cost/Acre
1	Tin + <u>Topsin</u>	\$12
2	<u>Triazole</u> + Copper	\$21 - \$29
3	Tin + EBDC	\$12 - \$17
4	<u>Triazole</u> + EBDC	\$19 - \$32
5	Tin + Copper	\$12 - \$18
6	<u>Triazole</u> + EBDC	\$19 - \$32
Total		\$95 - \$140 Per Acre

Treatments:

1. Tin
2. Triazole
3. Tin
4. Triazole
5. Tin

Cost - \$ 52

Treatments

1. Tin + Topsin
2. Triazole + Copper
3. Tin + EBDC
4. Triazole + EBDC
5. Tin + Copper

Cost - \$96

- Spending a little extra time and money to tank-mix could be worth **\$324** per acre!
- All fungicide applications should be made on a 10-12 day spray interval.
- Specific brands or formulations used are at the discretion of the grower.
- It is important that all applications be a tank mix of two fungicide families.
- Use the highest labeled rate of EBDC and Topsin tank mix partners.
- Use the medium labeled rate of copper tank mix partners.
- **Always** alternate between tin and triazole applications.
- Should additional tank mix partners become available prior to the CLS season, SMBSC will modify these recommendations.

Rates

● Tin

- 24oz max for 4L formulation per season
- 8oz/acre max per application (3 applications)

● Coppers

- Mid-Rate
 - Badge SC – 2 pints/acre
 - Kocide 3000 – 1.25lb/acre
 - Kocide 2000 – 2.5lbs/Acre
 - Champlon – 1.25lb/acre
 - Champ2Flowable 2 pints/acre
- Sticker/Spreaders may be beneficial

● Triazoles

- High end of label rate
- Rotate triazole brands (3 applications)

● EBDC

- 1.6qt/acre flowable formulations
- 2lbs/acre dry formulations
- Sticker/Spreaders may be beneficial

● Benzimidazoles-Topsin

- High end of label rate
- 10-20oz/acre flowable
- 0.5-1lb/acre dry formulation

Additional Recommendations:

- **Do not** exceed 15 oz/A of Super Tin/Agri Tin 80 WP or 24 oz/A of Super Tin/Agri Tin 4L per season.
- **Do not** use the same triazole fungicide more than once per season.
- **Do not** spray glyphosate within 7 days of a copper fungicide application, as this may cause leaf burn.
- Hydroxide and Oxychloride appear to be the most effective copper formulations.
- Use of a sticker/spreader is recommended with copper fungicides and some EBDCs. Read the label.
- Consider contacting your retailer to inform them about your fungicide needs for the season.
- Dry formulations of EBDC are cheaper per acre but liquid formulations tend to mix easier and have fewer issues during application.
- Keep in mind the PHI when deciding which products to use in the rotation. The PHI of triazole products range from 7 to 21 days.

Information Credit:

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