

# 2018 SMBSC Cercospora Recommendations

1. Begin spraying prior to, or at, row closure
2. Always alternate fungicide modes of action. Never spray two fungicides from the same fungicide group back to back.
- 3. Tank mixing fungicides in every application is critical to obtain adequate control of Cercospora Leaf Spot and critical for fungicide resistance management.**
4. Cercospora Disease Index Values can be accessed during the Cercospora season at [www.smbsc.com](http://www.smbsc.com) under the Agronomic Sustainability
5. Be aware of varietal differences in susceptibility to disease. (See Page 2)

**Recommended program is 10-12 day intervals.**

## **Six Spray Program:**

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

Use a different triazole product on the 2<sup>nd</sup>, 4<sup>th</sup> and 6<sup>th</sup> sprays. Observe pre-harvest intervals.

## Labeled Cercospora Leaf Spot Fungicides

Fungicide Group	Product Name	Rate per acre	Restricted Entry Interval	Pre- Harvest Interval	
<b>Triazoles</b>					
	Eminent VP	13 oz.	12 hour	14 days	
	Minerva	13 oz.	12 hour	14 days	
	Inspire XT	7 oz.	12 hour	21 days	
	Proline	5-5.7 oz.	12 hour	7 days	
	Enable	8 oz.	12 hour	14 days	
	Topguard	14 oz.	12 hour	21 days	
<b>Tin</b>					
	Super Tin 4L	8 oz.	48 hour	7 day	
	Super Tin 80WP	5 oz.	48 hour	7 day	
	Agri Tin	5 oz.	48 hour	7 day	
	Agri Tin Flowable	8oz.	48 hour	7 day	
<b>Strobilurins</b> Not recommended for use in 2018					
<b>EBDC</b>					
	Manzate Max	1.6 qt.	24 hour	14 day	
	Manzate Prostick	2 lb.	24 hour	14 day	
	Penncozeb 80WP	2 lb.	24 hour	14 day	
	Penncozeb 75DF	2 lb.	24 hour	14 day	
	Dithane M45	2 lb.	24 hour	14 day	
	Dithane F-45	1.6 qt.	24 hour	14 day	
<b>Several other products labeled. Refer to specific product label for directions.</b>					
<b>Benzimidazole</b>					
	Topsin M WSB	.5-1 lb.	24 hour	21 day	<b>Recommended for only one application per season due to resistance issues with repeated use.</b>
	Topsin 4.5FL	10-20 oz.	24 hour	21 day	
	Thiophanate Methyl 85 WDG	.4-.8 lb.	24 hour	21 day	
	T-Methyl 4.5F	10-20 oz.	24 hour	21 day	
<b>Copper</b>					
	Badge SC	2 pt.	48 hour	0 Days	
	Kocide 3000	1.25 lb.	48 hour	0 Days	
	Kocide 2000	2.5 lb.	24 hour	0 Days	
	Champion	1.25 lb.	48 hour	0 Days	
	Champ Formula 2 Flowable	2 pt.	48 hour	0 Days	

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## Application Instructions

1. Always follow the label for application instructions and restrictions.
2. Ground Applications: 20 gallons of water per acre and 100 psi.
3. Aerial applications: 5-7 gallons of water per acre
- 4. Always alternate fungicide modes of action when making applications.**
5. Consult labels before tank-mixing fungicides with other crop protection products.
- 6. SMBSC does not recommend tank mixing fungicides and glyphosate.**
7. Do not use the same trizole fungicide more than once per season.
8. 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.
9. Use of a sticker/spreader is recommended with copper fungicides.
10. Do not spray glyphosate within 7 days of a copper fungicide application, as this may cause leaf burn.

## Variety Ratings

*\*higher numbers indicate more susceptible and lower numbers indicate more resistance.*

### 2018 Approved Varieties

### 2 year CLS Rating\*

SV 863	3.7
Beta 9475	3.9
Beta 9505	4.0
Beta 9666	4.0
Hilleshog 9739	4.1
Beta 9606	4.1
Crystal RR018	4.3
Hilleshog 9093RR	4.3
Maribo MA109RR	4.3
Crystal M579	4.3
Beta 92RR30	4.4
SV RR958	4.5
Beta 9661	4.5
Crystal M380	4.7
Crystal M375	4.8

*\* Lower ratings are more tolerant, higher ratings are more susceptible.*

Varieties shown in red have CLS ratings over 4.5 and may require additional sprays to maintain disease control.

Contact your agriculturist with specific questions regarding control of Cercospora Leaf Spot.

Updated August 10, 2018

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