

# 2017 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 at [www.smbsc.com](http://www.smbsc.com)
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	Recommended Spray Interval	Restricted Entry Interval	Pre-Harvest Interval	
<b>Triazoles</b>						
	Eminent VP	13 oz.	14 days	12 hour	14 days	
	Minerva	13 oz.	14 days	12 hour	14 days	
	Inspire XT	7 oz.	14 days	12 hour	21 days	
	Proline	5-5.7 oz.	14 days	12 hour	7 days	
	Enable	8 oz.	14 days	12 hour	14 days	
	Topguard	14 oz.	14 days	12 hour	21 days	
<b>Tin</b>						
	Super Tin 4L	8 oz.	10-14 days	48 hour	7 day	
	Super Tin 80WP	5 oz.	10-14 days	48 hour	7 day	
	Agri Tin	5 oz.	10-14 days	48 hour	7 day	
	Agri Tin Flowable	8oz.	10-14 days	48 hour	7 day	
<b>Strobilurins</b> Not recommended for use in 2017						
<b>EBDC</b>						
	Manex	1.6 qt.	7-10 days	24 hour	14 day	Not recommended alone, only as a tank-mix
	Manzate Flowable	1.6 qt.	7-10 days	24 hour	14 day	
	Manzate Prostick	2 lb.	7-10 days	24 hour	14 day	
	Penncozeb 80WP	2 lb.	7-10 days	24 hour	14 day	
	Penncozeb 75DF	2 lb.	7-10 days	24 hour	14 day	
	Dithane M45	2 lb.	7-10 days	24 hour	14 day	
	Dithane F-45	1.6 qt.	7-10 days	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.	10-14 days	24 hour	21 day	Recommended for only one application per season due to resistance issues with repeated use.
	Topsin 4.5FL	10-20 oz.	10-14 days	24 hour	21 day	
	Thiophanate Methyl 85 WDG	.4-.8 lb.	14-21 days	24 hour	21 day	
<b>Copper</b>						
	Badge SC	2 pt.	10-14 days	48 hour	0 Days	
	Kocide 3000	1.25 lb.	10-14 days	48 hour	0 Days	
	Kocide 2000	2.5 lb.	10-14 days	24 hour	0 Days	
	Champion	1.25 lb.	10-14 days	48 hour	0 Days	
	Champ Formula 2 Flowable	2 pt.	10-14 days	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 pressure.
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.*

### 2017 Approved Varieties

### 2 year CLS Rating\*

Crystal M509	3.7
Beta 9505	3.8
Beta 9475	4.0
Beta 92RR30	4.1
Beta 90RR54	4.1
Hilleshog 9739	4.1
Crystal RR018	4.3
Hilleshog 9093RR	4.3
Maribo MA109RR	4.3
Beta 9565	4.4
SV RR958	4.4
Crystal M380	4.5
Crystal M579	4.6
Beta 9545	4.8
Crystal M375	4.8
Beta 92RR60	4.8
Crystal RR270	5.5

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

Varieties shown in red have CLS ratings over 4.8 and may require additional sprays to maintain disease control.

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

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