

2019 SMBSC Cercospora Recommendations

1. Begin spraying prior to, or at row closure.
2. Always alternate main 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 https://www.smbc.com/Agronomy/CLS_DIVvalues.aspx
5. Be aware of varietal differences in susceptibility to disease. (See Page 2)
6. Plant a variety highly resistant to CLS on common lines to 2018 and 2020 sugarbeet fields.

Recommended program is 10-12 day interval. Shorter intervals may be required due to rain.

Six Spray Program:

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

Alternate triazole products on the 2nd, 4th and 6th sprays.
Observe pre-harvest intervals.
Use adjuvants as recommended on the fungicide label.

If a 7th application is necessary use EBDC + Copper

Labeled Cercospora Leaf Spot Fungicides

Fungicide Group	Product Name	Rate per acre	Restricted Entry Interval	Pre-Harvest Interval
Triazoles				
	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
Tin				
	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
Strobilurins Not recommended for use in 2019				
EBDC				
	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
Several other products labeled. Refer to specific product label for directions.				
Benzimidazoles "Topsin" Not recommended for use in 2019				
Copper				
	Badge SC	2 pt.	48 hour	0 Days
	Kocide 3000	1.25 lb.	48 hour	0 Days
	Kocide 2000	2.5 lb.	48 hour	0 Days
	Champion	1.25 lb.	48 hour	0 Days
	Champ Formula 2 Flowable	2 pt.	48 hour	0 Days

When using a fungicide premix ensure the product contains two effective modes of action prior to use.
Contact your Agriculturist with questions.

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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 exceed 15 oz/A of Super Tin/Agri Tin 80 WP or 24 oz/A of Super Tin/Agri Tin 4L per season.
8. Some fungicides recommend an adjuvant and/or a sticker/spreader. Consult your retailer.
9. 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.*

2019 Approved Varieties

2 year CLS Rating*

SV RR863	3.7
Beta 9780	3.8
Crystal M509	3.8
Beta 9475	4.0
Beta 9505	4.0
Hilleshog 9739	4.1
SV RR862	4.1
Crystal M623	4.2
Beta 9606	4.3
Maribo MA109RR	4.3
Beta 92RR30	4.4
Crystal RR018	4.5
Crystal M380	4.9

** 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.

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Chris Dunsmore - Agriculturist
Mark Bloomquist