



Cercospora Leaf Spot Update – August 14, 2017

This season we will be sending a Cercospora leafspot update regularly to keep you updated on the conditions we are seeing. Below are several observations and recommendations on the current situation.

1. Cercospora Leafspot pressure is building across the SMBSC growing area. The level of disease present varies based on planting date and spray program. In fields with stretched spray intervals or late start dates, CLS has increased to concerning levels. The levels of disease present in these fields will exceed the economic threshold for loss.
2. **Tank-mix every fungicide application** with fungicides possessing two different modes of action. We have received reports of Cercospora recommendations that do not include a tank-mix partner. **Failure to tank-mix every fungicide application will decrease the success of the CLS management program this season and will increase the risk of additional fungicide resistance developing.**
3. The weather has cooled over the past 10 days, however the rain showers experienced during this time did elevate the Disease Index Values into the moderate category several times. See Figure 1. The rainfall received over the weekend and warmer temperatures forecast for the upcoming week will likely create conditions highly favorable for Cercospora. **Aggressive spray programs should continue through August on all fields to manage disease below the economic threshold.**

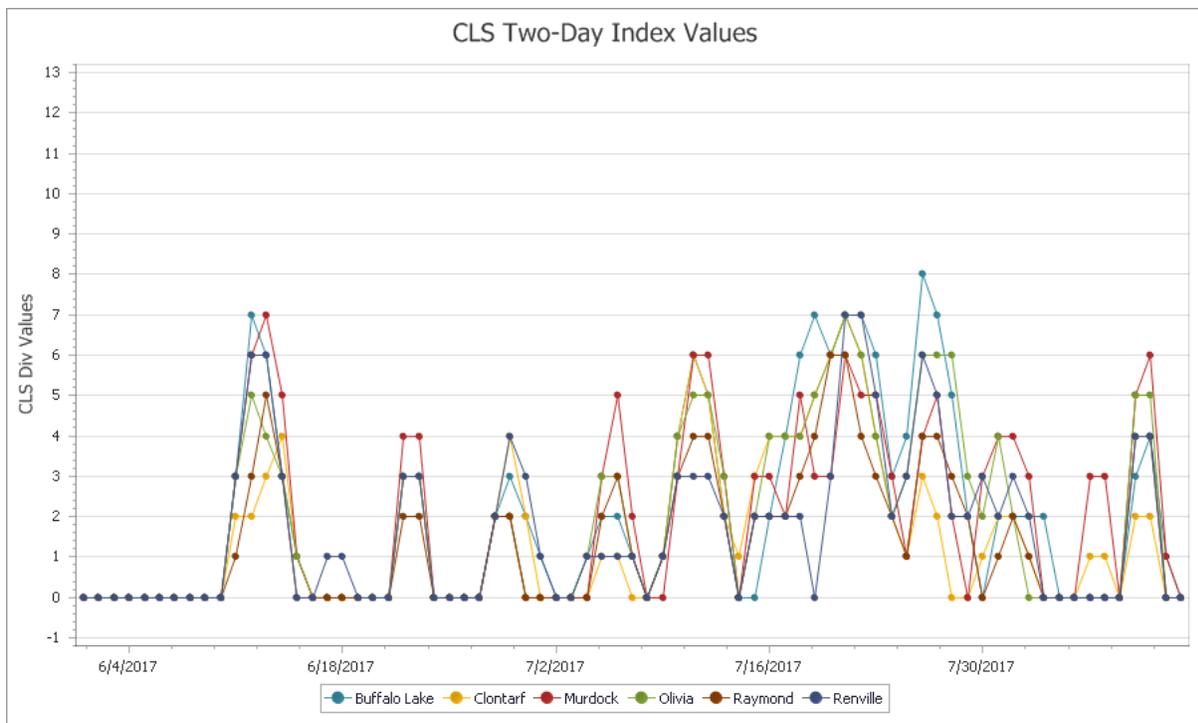


Figure 1. (DIV through Aug. 13)

4. The 24C Special Local Need label for Agri Tin was renewed and received this past week. This 24C label allows for a 7 day pre-harvest interval for Agri Tin. Super Tin has the same 24C label allowing for a 7 day pre-harvest interval.
5. **Recommendations for seventh fungicide spray application.** Questions have been asked regarding what to use for a seventh spray application. Below are considerations and recommendations for the 7th application.
 - a. The maximum amount of Tin fungicides that can be applied in one season is 24 ounces per acre for the flowable formulations and 15 ounces per acre for the dry formulation. Three full rate applications of Tin fungicides will meet the maximum seasonal amount. This will prevent any additional use of Tin fungicides on fields that have reached the maximum.
 - b. The application of a 4th triazole product in the same season will increase the selection pressure for fungicide resistance to this family of products. This will likely result in reduced control both this season and also in future seasons. SMBSC is not recommending the use of a 4th triazole application.
 - c. **Options for 7th spray application:**
 - i. **Copper fungicide + EBDC fungicide tank-mix.** This will provide the broadest spectrum application. We are not aware of issues with this tank-mix, but it is recommended you perform a jar test for compatibility with the specific fungicide products you will use and the water source you will be using. The pre-harvest interval with this tank-mix is 14 days.
 - ii. **EBDC fungicide.** Use the highest labeled rate. 14 day pre-harvest interval.

6. Cercospora infects entire fields and does not respect fence lines or roads. It is important that all acres are protected. Everyone is in this battle together.

7. **Contact your Agriculturist with specific questions regarding Cercospora management. They are an excellent resource and have the most current information on the Cercospora leafspot situation.**

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