

**SPECIAL NOTES:**

- Grower co-operators in various areas of the province monitor flower bud development, apothecial cup development, as well as keep track of temperature and flower bud wetness.
- The decision to control Monilinia Blight is dependent on past history of the disease in a particular field.
- Flower buds become susceptible to Monilinia Blight at the F2 stage (bud scales separating).
- Once fields reach 40-50% F2 and beyond, a fungicide is required within 72 hours of the start of an infection period.
- This application will provide 7-10 days protection.
- Refer to Monilinia factsheets for pictures of the F2 stage and temperature and wetness requirements for an infection period.

Flower buds are now over the 40-50% F2 threshold in all areas of the province that we monitor including Eastern Nova Scotia and Cape Breton. In Western Nova Scotia, apothecial cups are thought to be largely dried up - meaning that in areas like Caledonia and Yarmouth, disease risk is very low. Disease symptoms should be appearing soon in fields in Western Nova Scotia as a result of infections that took place in early May.

However, late fields in the rest of the province are still at risk because apothecia are thought to be present in large numbers especially in wet fields. In early areas, apothecial cups are believed to be reduced in numbers but the wet weather that occurred from May 16<sup>th</sup> – 19<sup>th</sup> certainly could maintain an even increase in cup numbers. Disease risk is still considered moderate in these areas. The earlier the field, the less the disease risk. The dry warm weather in the forecast this week is expected to reduce cup numbers dramatically.

Since the last report on May 15<sup>th</sup>, there have been a number of infection periods. Data logger information follows:

<b>Spidle Hill</b>	May 15-16 <sup>th</sup>	16.5 hours wet @ 8.9 C
	May 16-19 <sup>th</sup>	56.5 hours wet @ 8.7 C (continuing)
<b>Westchester</b>	May 17-19 <sup>th</sup>	41.75 hours wet @ 8.3 C (continuing)
<b>Rawdon</b>	May 16 <sup>th</sup>	8.5 hours wet @ 10.0 C (estimate)
	May 16-19 <sup>th</sup>	58.75 hours wet @ 9.6 C (continuing)

Fields that have been sprayed will have 7-10 days protection. If fields are unprotected and an infection occurs, growers have 72 hours from the start of the wet period to apply fungicide.

\*Next forecast will be recorded late in the afternoon on Friday, May the 22<sup>nd</sup>.

\*\*Any questions, please contact Rick Delbridge at 902-678-5329.