



Vermont Apple IPM Alert
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May 8, 2008

In the "cut & paste" process the link to the DD chart to estimate apple scab ascospore maturity in yesterday's alert was compromised. The following link should work: <http://orchard.uvm.edu/uvmapple/pest/disease/2008DDAccumulationforAppleScabAscosporeMaturity.html>

Yesterday afternoon we ran the Maryblyt fire blight model using the Skybit estimated weather data for the next 3-4 days for the four sites: So. Burlington, So. Hero, Shoreham and Dummerston. All were at a "Moderate" risk of infection for the next 3-4 days, except Dummerston which was at a "High" risk for today (May 8). A "Moderate" risk means two of the four conditions needed for infection are predicted; a "High" risk means that three of the four conditions needed for infection are predicted. The four conditions needed for infection are:

- (1) open blossoms
- (2) 198 degree hours above 65F since first bloom has been reached
- (3) wetting event (rain or heavy dew)
- (4) average daily temperature of at least 60F

In southern Vermont (Dummerston), it was predicted that all but factor #2 would be reached today (May 8), but then would drop down to "Moderate" afterwards.

The cooler weather that is predicted is good regarding fire blight since it helps to lower the risk of infection.

We will keep running the program and keep you informed.

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