



**Vermont Apple IPM Alert**

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***FIRE BLIGHT INFECTION ALERT -***

With blossoms open and with temperatures rising, the risk of Fire Blight Infection is high to extremely high by Saturday, May 21, at some of the six Vermont NEWA sites if inoculum is active in the orchard and there has been warmer temperatures to allow for the buildup of the bacterial population on the surface of the plant. To view the sights -- go to <http://newa.cornell.edu/index.php?page=station-pages> -- click the map at Putney, East Dorset, Shoreham, South Burlington, So. Hero or Calais -- click on Fire Blight -- estimate first blossom date -- look at option if there is active inoculum -- see risk rating.

At the UVM Hort. Research Center, we are also using the Maryblyt program to estimate risk. We just plugged in updated Skybit weather predictions for the next 7 days into the Maryblyt program and **Fire Blight INFECTION conditions are predicted for Saturday, Sunday, and Monday, May 21, 22, 23** (last day of predictions). The four factors needed for infection are predicted to be present on those dates (i.e., at least 198 degree hours greater than 65F have accumulated preceding a wetting period (which allows the bacterial population to increase to a threshold level); at least 0.01" rain or dew will occur that day or at least 0.10" of rain fell the day before; and an average daily temperature equal to or greater than 60F, and blossoms are open).

**Options** for management of blossom infection can be found on **page 143** of the **2011 New England Tree Fruit Management Guide**.

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***Reminder --***

**The 2011 New England Tree Fruit Management Guide** -- The order form for the 2011 New England Tree Fruit Management Guide has been posted on the UVM Apple website at: <http://orchard.uvm.edu/2011NETFMGOrderForm.pdf> .

Please download and mail in your order. The price is the same as last year -- \$35.00 per Guide.

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