



Vermont Apple IPM Alert
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Plum Curculio - The sites at which we were monitoring degree-day accumulation for use in the Cornell PC Ovipositioning Model reached 308 DD (base 50F) on the following dates

UVM HRC = June 14
Shoreham = June 11
So. Hero = June 14
Dummerston = June 12

Based on the Cornell PC model, no additional PC sprays are necessary whenever the date of accumulation of 308 DD falls within 10–14 days after a previous spray (i.e., you need to be ‘covered’ through the date when 308 DD are reached). However, I was reminded this morning that PC can still cause damage if effective insecticides have not been used in the orchard. In a non-managed block at the UVM HRC, numerous fresh PC injury was observed today (see picture below).



Fresh PC injury

Codling Moth - As of June 16, 386 DD (base 50F) had accumulated from the biofix of May 17 at the UVM Hort. Res. Center. In orchards where one insecticide application is sufficient for management, optimal timing is at 360 DD after the biofix so we are getting out of the optimal time for management.

Obliquebanded Leafroller - We finally caught OBLR in pheromone traps at the UVM Hort. Res. Center this past week. We have started to accumulate degree

days. The optimal time to begin to scout for second generation OBLR is about 600 DD (base 43F) after the beginning of the first gen. moth flight.

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