

Orchard **O**bservations
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July 7, 2008

Fly Speck - As of this morning, we had accumulated 270 hours of leaf wetness from Petal Fall at the Hort. Res. Center (HRC). As has been mentioned previously, at 270 hours of leaf wetness, it is expected that fly speck inoculum will be available from non-managed, alternate host plants around the orchard perimeter.

Apple Maggot Flies (AMF) - AMF remain active. We will be checking the apple maggot fly traps later today to see if we are at threshold levels for this insect (i.e., average of 5 flies/baited trap). At the HRC, we plan on using GF-120 which is a spinosad material with a fruit fly bait to manage this insect.

Obliquebanded Leafroller (OBLR) DD Update - As of July 4, we had accumulated 442 DD from the biofix of June 16, which is when we started trapping moths in pheromone traps. The optimal time to begin to scout for second generation OBLR is about 600 DD (base 43F).

Potato Leaf Hopper (PLH) -- During a walk through the orchards this morning, it was noticed that a few terminals on some trees (not very many) were showing PLH damage and actually had PLH insects on the undersurface of young, terminal leaves. Below are pictures taken this morning of the damage and the insect itself. This insect can be particularly damaging on young trees. Presently, we are taking a “wait and see” approach and watching to see if damage continues.



Cupping and discoloration of leaves caused by potato leaf hoppers



A potato leaf hopper is in center of picture below midvein on a leaf showing signs of damage.

Good News -- Below are pictures of fruit of each of the five cultivars we are growing in Orchards 1 and 2. I must say, it is a pleasure watching them grow... they really look nice so far.



Honeycrisp



Liberty



Ginger Gold



Zestar!



Macoun

Note: Japanese Beetles are just starting to enter other orchard blocks at the Hort. Res. Center but do not seem to be in Orchard 1 and 2 yet.

***Hope to see you at the Orchard Tour on July 31
at Pietree Orchards in Sweden, Maine. Details are at:***

<http://www.uvm.edu/~organica/OrganicOrchardInformation/OrganicIPM/OrganicTourFlyer.pdf>

IMPORTANT: It is the grower's responsibility to ensure that any crop production practice or material used in the orchard is acceptable in their particular state's organic certification program. Some materials deemed organically acceptable on the National List may not be acceptable in some states. Contact your [federally accredited certifying agency](#) to know what is acceptable and to ensure compliance with regulations in your state.

Where trade names or commercial products are used for identification, no discrimination is intended and no endorsement is implied. Always read the label before using any pesticide. **The label is the legal document for the product use. Disregard any information in this newsletter if it is in conflict with the label or organic certification.**

We Value Your Input and Want to Address Your Needs

Please send your comments and suggestions to lorraine.berkett@uvm.edu

For more information on the OrganicA Project please see:

<http://www.uvm.edu/organica/>

**The OrganicA Project is being funded by a grant from the
USDA Integrated Organic Program**