

Orchard **O**bservations
Lorraine P. Berkett
April 21, 2008

Stage of Development: [from least developed to more advanced bud development]



Honeycrisp (early GT)



Macoun (GT)



Liberty (late GT/early HIG)



Ginger Gold (early HIG)

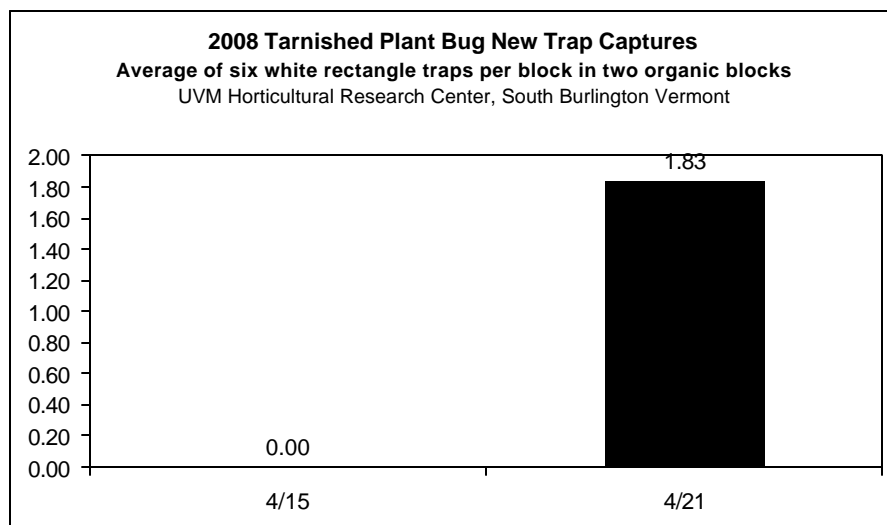


Zestar! (HIG)

Note: Criteria and pictures of bud stages can be found at:
<http://orchard.uvm.edu/uvmapple/hort/99budstage/BudStageCriteria.html>

We have had unusually warm weather this past week. Normally, one would expect a high temperature of 55 F; we have had multiple days in the high 70's F, reaching 80F on April 19th. It is predicted that these high daily temperatures will continue for at least three more days !

Tarnished plant bugs (TPB) are now active. We caught as many as 12 on one trap. Below is the average per trap across both Orchard 1 and 2.



There were no **leafminer moths** in the red sticky traps as of today. We applied a 2% oil spray last week to try to suffocate overwintering **European red mite** (ERM) eggs. In Orchard 2, ERM eggs were so prevalent that Morgan Cromwell's hands were smeared red at times as she was collecting data at the base of the grafted scions. Because of the high risk of **fire blight** last year and the potential for overwintering inoculum plus the susceptibility of the cultivars to the disease, a copper spray was also applied. Although it is predicted that we will have some showers on Wednesday afternoon, we will wait to see if the wet conditions turn into an **apple scab** infection period before we decide to take action to stop infections by using lime sulfur's 'after infection' properties. We will try our best to minimize the use of lime sulfur because of its negative impacts on the tree.

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.**

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/>

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