

# OrganicA

a resource for organic apple production

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## Orchard Observations

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**Stage of Development:** Ginger Gold, Zestar! and some of the Liberty trees at Pink. Honeycrisp and Macoun buds were not as advanced and at late HIG approaching TC

Cold temperatures returned this week with highs only in the 50's F and lows reaching to 30F. Plus, we had a considerable amount of rain which made it difficult to make close observations in the orchards. With the rains, we had conditions favorable for an apple scab infection period so it was good we had protected the trees with lime sulfur the end of last week. An extended period of rain (multiple days) is predicted to start this weekend so again we applied liquid lime sulfur today to protect the developing foliage and fruit from apple scab infection.

European apple sawfly (EAS) traps (white sticky visual traps) and codling moth pheromone traps were hung in both orchards. Since we had high populations of EAS last year and we are entering the period when both TPB and EAS can damage the developing blossoms/fruit, we applied our first application of kaolin (Surround ) which is a clay-like material. We also want to start to build up a barrier of kaolin to suppress Plum Curculio injury which will start to occur soon after bloom.



Orchard 1: White kaolin residue (clay-like material) is very obvious. What is not obvious is the stinky smell of the liquid lime sulfur also applied this morning. The white sticky traps are to monitor for TPB (lower trap) and EAS (upper trap).



Orchard 2 (above and below): CM pheromone trap in tree (above). White residue of kaolin is also evident in this picture and in the picture below.



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**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](mailto:lorraine.berkett@uvm.edu)

**For more information on the OrganicA Project please see:**

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

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