

Project Happy Apples



Oregon State University Extension Service

May 8th, 2018

UPDATE: We have not yet caught any moths in our trap here at the OSU Demonstration as of Tuesday, May 8th. We still have some petals on our Asian pear and the apple blossoms are just opening up here in our demo garden in Redmond.

Tree Blossoms: You can use tree blossoms to determine when to apply the first round of insecticides to control codling moth. This is a simple technique that is very effective in knowing when to spray your trees if you decide to use an insecticide (Neem oil, Spinosad) or



Honeycrisp apple petals have begun to drop.

biological control (CYD-X HP) for management. Here's how it works: just watch for all the blossom petals to fall off the tree (natural fall, not due to frost, high winds, etc.) and count 10 days past that to begin spraying. (neem oil and/or spinosad and/or CYD-X HP) to control larvae assuming that the last petals have fallen off the tree. If you have trees with different

flowering times, applications should be determined separately for each tree type.

Non-pesticide Management Strategies:

Here is the link to a publication which the non-pesticide management strategies from Washington State University. It is worth reading! Codling Moth and Your Backyard Fruit Tree <http://cru.cahe.wsu.edu/CEPublications/FS120E/FS120E.pdf>

Action Items:

May 8th Set out Monitoring traps if you haven't already and be ready to start counting tree blossom petal fall.

If you are bagging your fruit instead of using a spray, this can begin once the fruit is 1/2 to 3/4 of an inch in diameter. (more on this later).

UPDATE on CYD-X:

After contacting the distributor of CYD-X, I have found out that they are no longer making the 1.5 oz container, just the quart size which is for commercial orchards. Instead they are now selling CYD-X HP or Madex HP in 6 oz containers. They are both much stronger than the original CYD-X, so you will need to use less product. The CYD-X HP is for managing codling moth, the Madex HP is for managing codling moth and oriental fruit moth, which has not been identified in Central Oregon. Either product will work to control codling moth. Be sure and follow the label directions as you will use less product than

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you previously did with the original CYD-X. READ THE LABEL DIRECTIONS.

Storage – Store in refrigerator through the season. Freeze after the last application until next year. Left over material will last for years and years under frozen conditions.

Here are some outlets where you can purchase these products if you choose to use them, you would have this bottle to use for several years.

Seven Spring Farms

<http://www.7springsfarm.com/madex-hp-insecticidal-virus-6-oz/>

Madex for \$147.

Chamberlin Agriculture, Hood River , 541-354-2700

CydX HP- 6 ounce bottle for \$145.57.