

Small Fruit Update

News & Opinions from Peerbolt Crop Management sent out weekly during the growing season, and sporadically when we have something to share during the off-season. ~ Tom & Anna Peerbolt

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A couple of Willamette raspberry fields in the Ridgefield area will be harvested later this week—the first of the season. Couldn't ask for better strawberry harvest weather. Sure can't say that about the price. Stay on top of leafroller control in caneberries, this is the time for treating orange tortrix problems.

Insect Monitoring

Leafrollers:

- 1) **Orange Tortrix** larvae are showing up in both blackberries and raspberries. These guys are our primary crop contaminant. Bt applications could be helpful at this time. Since most of the larvae are in the primocane tips, coverage and penetration are essential for effectiveness. I expect this hatch to be spread out over the next couple weeks due to our mild winter, and multiple Bt applications will be necessary. If trap numbers are high, effective control will probably require a Brigade (bifenthrin) application after the bees have been removed just before harvest.
- 2) **Obliquebanded leafroller** adult trap numbers are still going up. Not many larvae out there anymore.
- 3) **Carnation Tortrix** adults are also showing up in some traps. They're about the same size and shape as orange tortrix but are darker with pumpkin orange under wings. Their larvae have not been shown to be a crop contaminant. No treatments are needed for their control.

To see a comparison of the three species on the sticky trap, [click here](#).

Earwigs?: I'm again seeing leaf damage that I've always attributed to earwigs. [Take a look at the picture](#). Is this earwig feeding damage or could it be something else?

Weevils: Leaf notching and/or nighttime checks can confirm the presence of adult weevils. Treatment is recommended in strawberry and raspberry fields with significant populations.

Strawberry crown moth: So far only one field in Ridgefield has shown any trap catches ([click here to see what the adult looks like on the trap](#)). It will need treatment around the 25th of this month. This week's pheromone trap counts should let us know if the problem extends beyond the couple of fields it has been found in so far.

Redberry mites: A sulfur application just as bloom begins can help control redberry mites in blackberries. Be careful not to apply sulfur in hot weather. It can burn.

Disease Monitoring:

Fruit Molds (Botrytis, etc): Some mold is showing up in strawberries this week--primarily in over ripe fruit--as we get into the second pick and it gets more difficult to stay on top of harvest. Preventative fungicide applications in blackberries are recommended as long as there is bloom.

Crop Work

Blackberries: 1) Apply fungicide for fruit mold prevention until bloom is done. 2) Can apply foliar fertilizers. 3) Treat for leafrollers if needed. 4) Can apply sulfur for redberry mite prevention.

Raspberries: 1) Treat for leafrollers if needed. 2) Treat for mites if needed.

Strawberries: 1) If necessary, apply Brigade for weevil control. 2) Check new plantings for crane fly damage. 3) Control weeds in newly planted fields.

Blueberries: 1) Apply fungicide for fruit mold prevention until bloom is done. 2) Can apply foliar fertilizers.

Weather for the week: Warming up into the 80's. Then cooling off a little with a chance of showers by next weekend. Lows around 50.

Web site notice: We are in the process of developing a library of our photos. This means that links from older Updates will probably not work. The old Updates in our web site archive (accessed through <http://www.peerbolt.com> and click on News) will be made to correspond to the new library. We will let you know when the library is set to go – which should be within the next 4-6 weeks.

Next week's Update: We will be a little late getting out next week's Update (Anna's going to visit her daughter for a few days). Look for it late Tuesday (6/26).

Upcoming Events:

July 18, 2001: Oregon Caneberry & Blueberry Field Day will be held in Aurora, Oregon at the North Willamette Research and Extension Center.