

### **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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### **July 31, 2001**

Raspberry and Marionberry harvests are wrapping up just as some ripe evergreen blackberries are starting to show. This last week's unexpected wet, cool weather looks like it's going to continue with showers/rain again possible later this week.

### **Insect Monitoring**

**Strawberry crown moth:** **1)** After renovation, strawberry fields with SCM infestations should be treated with Lorsban. **2)** I'm still getting some high pheromone trap numbers of SCM adults in some of the Oregon caneberry fields. One Woodburn Boysenberry field had a trap count of 65 this week.

**Leafrollers:** Treat evergreen blackberries with high trap counts before harvest. Larvae of both orange tortrix and OBLR are present in some fields.

**Two-spotted spider mites:** **1)** Population levels of two-spots are building to significant levels in raspberry fields in LaCenter and Woodland. It looks as if some post harvest miticide applications might be needed this year. **2)** Some of the newly planted strawberry fields are showing increased mite populations. None are at treatable levels.

**New WSU Extension Bulletin on Clay-colored Weevil available:** You can contact the WSU Bulletin office at 1-800-723-1763 to get this new bulletin. It's the first available on the Clay-colored Weevil and is authored by Lynell Tanigoshi, Geoff Menzies and Todd Murray. This weevil has been a major problem in the northern raspberry planting areas. It has recently been picked up in our area and we're still assessing how much early season damage it might be doing here.

### **Disease Monitoring:**

**Fruiting Lateral Dieback:** Well, I'm still waiting for some test results from OSU but after going over this problem pretty thoroughly with Pete Bristow, the most likely explanation is that the dieback is a drought affect caused by our very dry winter and early spring. It looks as though the root systems are under developed with fewer fine roots than normal. No other causal agents were found by WSU. I'll be doing more digging this week in various fields to see if this is a consistent pattern in the root systems of affected plants.

**Powdery Mildew:** Some newly planted Totem strawberry fields in the Ridgefield area have powdery mildew levels that required a fungicide treatment this week.

**Rust:** The cool, wet weather has caused a big increase in rust in raspberries. Right now most of it is on the fruiting canes and doesn't need to be treated. Defoliation of the primocanes is the major worry with rust at this point in the season and later treatments might be needed to protect the primocanes.

**Cane blight:** If you've had a problem with cane blight in raspberries, treat with Benlate immediately after harvest before the catcher plate wounds have healed.

**Mummyberry:** A couple of blueberry fields in Ridgefield and Brush Prairie are showing mummyberry problems. Be on the look out for any developing problems now to plan a control strategy for next spring.

**Chemical Update:** **1) Savey** (hexythiazox) has been registered as an ovicide/miticide for use in raspberries and blackberries as well as strawberries. **2)** EPA has announced that it has received requests to cancel **Ronilan** (vinclozolin) for use in raspberries and strawberries. **3) Aza-Direct Biological** insecticide (azadirachtin) has been labeled for use in small fruits.

### **Crop Work**

**Strawberries:** **1)** Treat for SCM if needed. **2)** Renovate & fertilize established fields. **3)** Fertilize new fields. **4)** Check new fields for mites. **5)** Treat new plantings for powdery mildew if needed.

**Raspberries:** Treat for cane blight after harvest if needed.

**Evergreen Blackberries:** **1)** Apply fungicide for fruit mold prevention if needed. **2)** Treat for leafrollers and other harvest contaminants if needed.

**Weather for the week:** Highs in the mid-70s. Lows in the high 50s. Another weak system moving through later in the week with a chance of showers.

### **Upcoming events**

**WSU Vancouver Research and Extension Station Field Day** will be held August 22 from 1-4 pm at the station on 78<sup>th</sup> Street. Call Vicky Darnel for more information at 360-576-6030.