

# Small Fruit Update



May 3, 2005 - Disseminating information for:

## Washington

[Washington Red Raspberry Commission](#)

[Washington Blueberry Commission](#)

[Washington Strawberry Commission](#)

## Oregon

[Oregon Raspberry & Blackberry Commission](#)

[Oregon Blueberry Commission](#)

[Oregon Strawberry Commission](#)

## North American Small Fruit Organizations of Interest:

[North American Blueberry Council](#)

[U.S. Highbush Blueberry Association](#)

[North American Bramble Growers Association](#)

[North American Strawberry Growers Association](#)

[Weather Forecast](#) by Rufus La Lone.

[Small Fruit Cold Storage Reports](#)

**Willamette Valley Blackberries:** Marions and Boysens < 2% bloom, Silvans 20-25% bloom.

**Southern Raspberries:** Meekers < 2% bloom. We'll see 10% bloom in some of the earlier fields late this week.

**Southern Strawberries:** Strong fields are around 30% bloom. Some of the weaker fields will begin harvest in late May. The major harvest should start the first week in June.

**Northern Strawberries:** First bloom sprays going on now at around 10% bloom.

**Northern Raspberries:** Strong, hot winds last week caused some leaf damage but shouldn't affect yields.

**Washington Phytophthora Survey and Testing Project:** The Washington Red Raspberry Commission, Whatcom County IPM Project and the Washington State Commission for Pesticide Registration are funding a large project to both survey **Washington raspberries** for Phytophthora root rot and introduce **PCR testing**, a much improved method for detecting and diagnosing the disease. Growers can get **sampling kits** from the [Commission office](#) in Lynden (360-354-8767) or from [Peerbolt Crop Management](#) (503-289-7287) in Portland. For more information, [click here](#).

**Oregon Raspberry and Blackberry Commission Legislative Reception:** Oregon caneberry growers have a chance to meet with their legislators and give them a piece of...blackberry dessert. It's this Thursday (5/5) at the State Capital in Salem. There will be a **grower meeting** from 3-4PM in Room 50 followed by a **wine and dessert reception** from 4:30-6:30 in the Galleria. **RSVP** to Rachel in the Commission office at 503-758-4043.

**Long (and inconsistent) pre harvest intervals** to keep in mind on some of our commonly used pesticides:

**Goal** (Oxyfluorfen) raspberries: ([WA label](#), [OR label](#)) 50 days, blackberries 15 ([OR AY label](#), [OR label](#))

**Poast** (Sethoxydim) raspberries: 45 days; blueberries: 30 days, strawberries 7 days.

**Aliette** (Fosetyl-aluminum) raspberries: 60 days, strawberries and blueberries 0 days.

**Ridomil Gold** (Mefenoxam) raspberries: 45 days, strawberries 30 days, blueberries 0 days.

## Chemical Control Update

**Actara** has been granted a [2ee label](#) for adult weevil control on strawberry and bushberry subgroup.

**New Pest Information** (Click on the blue highlighted name for scouting, pictures and decision-making guide)

### Insects:

1) **Raspberry Beetle:** Northern Raspberries. Adult beetles have been recovered from raspberry fields in British Columbia. Monitor closely to determine if pre-bloom controls will be needed. For information on monitoring traps contact Colleen Burrows at [cburrows@wsu.edu](mailto:cburrows@wsu.edu).

2) **Obliquebanded Leafroller:** Raspberries. In the north, some overwintering OBLR caterpillars have pupated and will emerge as adult moths in the next week or so.

### Diseases:

1) **Rust** Raspberries: Rust is heavy in many fields this year, particularly the first year fields. In the Willamette Valley, the spore stage is now changing from the circular pattern on top of the leaves to the 'dusty' looking spores on the bottoms of the leaves. This latter stage can spread very rapidly given the proper conditions. Monitor closely.

2) **Phytophthora Root Rot:** Raspberries. Foliar and cane symptoms are becoming much more apparent throughout the region. As new growth and environmental stresses increase the pressure on compromised root systems, leaves wilt and laterals collapse.

## Cropwork:

**All Crops:** 1) Fertilizer applications. 2) Weed control.

**All Caneberries:** 1) (North) scout for clay colored weevil. 2) Control primocane growth as needed. 3) Can apply foliar Fosphite, Aliette or equivalent product for root rot control. 4) Can put out pheromone traps for leafrollers. 5) (North) can put out traps for monitoring raspberry beetle. 6) Scout for rust. 7) Scout for mites. 8) (South) Can apply insecticide for leafroller control before bringing in bees. 9) Bring in bees at around 10% bloom.

**Evergreen Blackberries:** Can apply sulfur for redberry mite control when laterals are 4-6 inches long.

**Blueberries:** 1) Scout for virus symptoms. 2) Can apply fungicide for fruit mold control. 3) Scout for mummyberry and treat as needed. 4) Scout for aphids in fields having or close to fields having blueberry Scorch virus. Control as needed.

**Strawberries:** 1) Scout weak areas for root weevil larvae, cutworms, strawberry crown borers or root disease problems. 2) Can apply slug bait. 3) Till row centers. 4) Can apply foliar Fosphite, Aliette or equivalent product for root rot control. 5) Plan for fungicide applications when bloom gets to 10 %. 6) Scout for aphids and control as needed. 7) Scout for twospotted and cyclamen mites.

**Ongoing Seasonal Pest Information** (Click on blue highlighted name for pictures, scouting and control information)

## Insects/ Mites:

### 1) Weevils:

a) **Clay colored weevil** are now present in some northern raspberry fields.

b) **Rough strawberry root weevil** some overwintering **adults** can now be found in some southern strawberry fields. Most specimens recovered are new generation larvae and pupae.

c) **Larvae** of other species such as **Black Vine** and **Strawberry weevil** are pupating in southern fields. No adults are being found yet.

2) **Winter moth:** Blueberries.

3) **Orange Tortrix Leafrollers:** Southern caneberries.

4) **Mites:** The cool, wet weather is keeping populations in check.

5) **Aphids:** Early season aphid control could be necessary in situations where they can **vector viruses**. These include **blueberry** fields infected with or in close proximity to **blueberry scorch virus** and virus susceptible **strawberry** varieties such as Hood.

## Diseases:

1) **Virus in blueberries:** **Blueberry Shock virus** symptoms present. **Scorch virus** symptoms are also present in southwest Washington (in the one field with a verified infection). **Test your field if you suspect virus infection**. You can call Dr. Bob Martin (USDA virologist) to arrange for testing at (541) 738-4041 or [email](#) him.

2) **Mummyberry in blueberries.** The secondary infection stage—a dieback of infected vegetative growth—is now visible in some southern fields. The first stage—sprouting mummyberries on the ground—are being found throughout the growing region.

3) **Tomato Ringspot Virus in raspberries:** A chevron pattern on some raspberry leaves infected with Tomato Ringspot Virus is appearing in the South.

## Calendar

**May 4—Oregon Strawberry Commission meeting and budget hearing~ 5:30, Allesandro's restaurant, Salem, OR** Call 541-758-4043 or [email](#) for information.

**May 5—Oregon Raspberry and Blackberry Commission Legislative Reception** (see above for information)

**May 11—Oregon Raspberry and Blackberry Commission meeting and budget hearing~ 6:00** Sweet Briar Inn, Tualatin, OR Call 541-758-4043 or [email](#) for information.

**May 12—WSU & Washington small fruit industry meeting ~ 2pm** at WSU Puyallup Station, Discussion on the small fruit pathology position. For details contact [Henry Bierlink](#) 360-354-8767 or [Tom Peerbolt](#) 503-289-7287.

**May 14—Oregon Blueberry Growers Association Annual Meeting\_~5:30** at Roth's IGA, West Salem. For more information, you can contact [Judy Ebert](#) (503) 663-6451.

For an expanded online calendar showing later event information, [click here](#).