



Disseminating information for the [Washington Red Raspberry Commission](#).

**June 3, 2002**

In the North, some of the early raspberry fields are at 10% bloom. This week is about the last chance to treat for **Western Raspberry Fruitworm** ([Click here for picture](#)) before the bees need to be brought in. The Wednesday breakfast meeting (Dutch Mother's Restaurant, Lynden--7 AM) will focus on Fruitworm management. WSU has been exploring some alternative monitoring/control strategies. Call Todd Murray at 360-676-6736 for more information.

In the South, **strawberry harvest** for processing starts this week. Some fresh market picks are all ready going.

The weather looks dry and warmer in the South for a couple of weeks so it's time to get the **irrigation** geared up and also start watching more closely for **mites**. The North could see some rain and showers especially early in the week.

A list of **Small Fruit pesticide options** put together by Joe DeFrancesco (OSU) as well as a link to **Small Fruit Cold Storage** figures are available on our website <http://www.peerbolt.com>.

#### **Insects:**

- 1) In the South **Adult Black Vine Root Weevils** are emerging in the Ridgefield and Woodland areas. LaCenter and Brush Prairie are still pretty much all in the pupa stage. I'd recommend treating affected strawberry fields with Brigade (bifenthrin) before harvest and then plan on a second application within three to four weeks of the first application to pick up those weevils that will emerge later. You've got about thirty days after emergence to control the adults before they start laying eggs.
- 2) **Two spotted mites** are still at low levels in raspberries and strawberries in the South and North but our warmer, drier weather will encourage their populations to build more rapidly. Fields treated with pyrethroids (like Brigade) will also be at more risk of higher mite populations since most predatory insects that feed on mites will be killed.
- 3) **Leafroller larvae** are being found in caneberries and blueberries in the North and South. Our mild winters of the past few years have allowed their populations to build up. Pheromone traps should be in place for monitoring.
- 4) **Strawberry Crown Moth**: Last year they were found at damaging levels in strawberries and blackberries in the South ([Click here for picture](#)). I've been putting an SCM pheromone lure in with the leafroller pheromone traps in some caneberry fields and using the same traps to monitor for both potential pests.
- 5) If you have a problem with **Western Raspberry Fruitworm** (see above).
- 6) Watch for **Lygus** feeding in strawberries. They can cause deformed fruit.
- 7) **Cyclamen mites**: Be on the look out for distorted new growth in strawberry plants.
- 8) In the North, **aphid** populations continue to build in blueberries. Aphids are the vector for Blueberry Scorch Virus and should be controlled in fields near any known Scorch outbreaks. Also, Todd Murray (360-676-6736) with Whatcom Cooperative Extension would like a call if you find any black aphids. They could be a newly identified blueberry aphid species that he's trying to track.
- 9) Watch for **black-headed fireworms** in cranberries.
- 10) In the North, **Clay Colored Weevil adults** continue to be active and feeding in raspberries.

#### **Diseases:**

- 1) **Shock and Scorch Virus** symptoms in blueberries are now visible. ([Click here for picture](#)). No treatments available. The plants infected with **Shock** return to productivity the following year. Plants infected with **Scorch** don't recover and should be rogued out immediately.
- 2) **Rust** is at the stage that requires treatment. If it is present, you can apply **Rally** (Myclobutanil).
- 3) **Phytophthora Root Rot** symptoms are becoming increasingly visible in raspberries as warmer weather and fruit set put more strain on compromised root systems. Leaves yellow and brown around the edges and some actual

cane collapse is showing up.

**4) Mummyberry** is now in a secondary infection stage that appears as dying leaves. ([Click here for picture](#)).

**Chemical controls:**

- 1) It's a good time to apply a tankmix of **Benlate** and **Captan** on blueberries to help control the secondary stage of mummyberry as well as Botrytis infections of twigs and blossoms. Benlate is not recommended for U-pick operations.
- 2) Strawberry fruit mold control options this year include **Switch, Elevate, Thiram** and **Captan**.
- 3) Fruit mold control fungicide options in blueberries include **Elevate, Rovral**, and **Captan**.
- 4) Fruit mold control fungicide options in caneberries include **Switch, Elevate**, and **Captan**.. **Switch** can only be used twice before a July 15<sup>th</sup> cut off date in Washington. In Oregon it can be used up to four times before a September 15<sup>th</sup> cut off date.
- 5) In the North, the time to treat for rust and fruitworm are close enough so you could probably combine a pre-bloom application of **Rally** for rust with **diazinon** for fruitworm control if needed.

**Cropwork:**

**Blueberries:** 1) Bring in bees at 10% bloom. 2) If mummyberry has been a problem in the field, control now. 3) Can apply fungicide for botrytis control at 10% bloom. Repeat as needed. 4) Scout for aphids in the north. 5) last chance for some weed control.

**Strawberries:** 1) Treat for weevil and/or other insects just before harvest 2)Can apply fruit mold control at 10% bloom, repeat as needed. 3) Check weak areas for root weevils, cranefly larvae and/or Strawberry Crown Moth. Wireworm also possible in North. 4) Scout for cyclamen and two-spotted mites. 5) Can apply foliar fertilizers. 6) Scout for slugs, cutworms and Lygus bugs.

**Caneberries:** 1) Bring in bees by 10% bloom. 2) Caneburn primocanes. 3) Treat for rust if needed 4) (North) Scout for Claycolored weevils. 6) Scout for mites. 7) Can apply foliar fertilizers. 8) (North) Scout for Western Fruitworm.

**Weather:**

**(South)** Dry and warmer. Highs in the 70s. Lows around 50.

**(North)** Showers possible through Friday. Highs in the mid 60s. Lows in the high 40s.

**Calendar:**

**June 5 Lynden Breakfast Meeting** at The Dutch Mother's Restaurant. 7 AM (see information above).

**June 12 OSU Strawberry Open House** will be at the North Willamette Research and Extension Center in Aurora, Oregon from 2:30-4:30PM.

**June 13 WSU Strawberry Open House** at WSU Puyallup Research and Extension, Farm 5. 6:00-8:00 pm. For more information contact [Patrick P. Moore](#).

**June 14 Oregon Fresh Market Growers Association Banquet** Reservations are \$20 per person. For information contact Ed Montecucco at 503-263-6066 or Bob McReynolds at 503-678-1264x25.

**June 14 &15 Pacific Northwest Christmas Tree Association Summer Meeting and Farm Tour** A day of seminars at the Embassy Suites Hotel at the Portland Airport followed by a day of farm tours. Call 503-581-6819 for more information

**July 9 OSU Caneberry Open House** will be at the North Willamette Research and Extension Center in Aurora, Oregon from 1:00-2:30PM.

**July 9 OSU Blueberry Field day** will be at the North Willamette Research and Extension Center in Aurora, Oregon from 2:30-??PM.

**July 10 BC Berry Field Day.** At the Abbotsford Substation (510 Clearbrook Road). 4-6 PM. For more information contact Mark Sweeney 604-556-3056 or Chaim Kempler 604-796-2221 x 224.

**July 17 WSU Raspberry Open House** at WSU Puyallup Research and Extension, Farm 5. 6:00-8:00 pm For more information contact [Patrick P. Moore](#)

**July 18 Small Fruit Open House** at WSU Mt. Vernon 3:00-5:00 pm. For more information contact [Patrick P. Moore](#)

**August 21 WSU Vancouver** will be holding a Field Day 1:00pm to 4:00pm. You can email [Vickie Darnell](#) for more information or call her at 360-576-6030.

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5261 N. Princeton ~ Portland, OR 97203 ~ Office phone: (503) 289-7287 ~ Fax: (503) 289-7229

Cell phone: (503) 970-0922 ~ email [info@peerbolt.com](mailto:info@peerbolt.com) ~ website <http://www.peerbolt.com>