



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

May 27, 2002

A **raspberry variety and selection trial** has been planted at Randy Honcoop's Farm in Lynden. The purpose of this planting is to be able to test the machine harvestability of the selections under commercial field conditions early in the new variety selection process. It's being done in cooperation with the WSU small fruit plant breeder, Pat Moore. For more information you can call Pat at 253-445-4525.

Tom Peerbolt (that's me) has contracted with the Washington Red Raspberry Commission's executive director, Henry Bierlink, to coordinate the **commission's research program**. The first step in this process is going to be the development of a Pest Management Strategic Plan (PMSP). This is a program supported by the USDA to aid commodities in creating a base document designating research and regulatory priorities while also serving to educate regulatory agencies, like the EPA and Washington State department of Ag, on the needs of the industry. Information packets on this plan will be going out to commissioners, researchers and some growers within the next couple of weeks. If you'd like to be involved in this process or would just like to share your ideas about where and how the raspberry commission's **research money** should be spent, call Tom at 503-289-7287 or email him at tom@peerbolt.com.

Insects:

- 1) **Leafroller larvae** are being found in raspberries and blueberries in the North and South. Orange tortrix trap counts in some Southern caneberry are very high this year (around 300 per week in some Woodland, WA and Woodburn, OR locations).
- 2) In the North, **aphid** populations are building slowly 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.
- 3) **Root Weevils:** In the South **Black Vine** are almost all pupae. Very few adults yet. **Rough Strawberry** and **Strawberry** root weevils are about 50% pupae and 50% larvae. We're still collecting fairly high numbers of overwintered **Rough Strawberry adults** but these adults aren't producing any eggs in the lab.
- 4) In cranberries, **black-headed fireworms** are now showing up in Whatcom County.
- 5) The **Western Raspberry Fruitworm** flight numbers were up this week in northern Whatcom county. If needed, treat before bees are brought in. Todd Murray sent me a recent picture of their feeding damage, which we've added to the photo index on our web site. ([Click here for picture](#)).
- 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) **Two spotted mites** are showing up at low levels in raspberries in the South and North. **Predator mites** are present in good numbers in most monitored Southern strawberry and raspberry fields.
- 9) **Imported Currant Worm** has been found in high numbers in some currants in Whatcom County.
- 10) **Strawberry Crown Moth:** In the South put out pheromone traps. Last year they were found at damaging levels in strawberries and blackberries ([Click here for picture](#)).
- 11) 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. A strain of Scorch more virulent than we've had in past years has been found in British Columbia and we're attempting to prevent its spread into Washington and Oregon. If you have blueberry plants showing symptoms and are unsure what's causing it, you can call Bob Martin, our small fruit virologist at 541-750-8794 to arrange for testing. Bob would like to do all testing **before June 1st**.
- 2) **Rust** is at the stage that requires treatment. If it is present, you can apply **Rally** (Myclobutanil).

- 3) **Tomato Ringspot Virus:** A chevron or spotted pattern on some raspberry leaves infected with Tomato Ringspot Virus is appearing in the South. This is the only time of year this symptom is visible. ([Click here for picture](#)).
- 4) **Mummyberry** is now in a secondary infection stage that appears as dying leaves. ([Click here for picture](#)).
- 5) **Cane botrytis** continues to be an ongoing problem in some Northern raspberry fields as well as **blossom and twig blight** in some blueberry fields.

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.
- 2) Strawberry fruit mold control options this year include **Switch, Elevate, Thiram** and **Captan**. Rotate fungicides to prevent or delay resistance.
- 3) Fruit mold control fungicide options in blueberries include **Elevate, Rovral**, and **Captan**. Rotate fungicides to prevent or delay resistance.
- 4) Fruit mold control fungicide options in caneberries include **Switch, Elevate**, and **Captan**. Rotate fungicides to prevent or delay resistance. **Switch** can only be used twice before a July 15th cut off date in Washington. In Oregon it can be used up to four times before a September 15th 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.
- Strawberries:** 1) Can apply fruit mold control at 10% bloom, repeat as needed. 2) Check weak areas for root weevils, cranefly larvae and/or Strawberry Crown Moth. Wireworm also possible in North. 3) Scout for cyclamen and two-spotted mites. 4) Can apply foliar fertilizers. 5) 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)** Light rain possible through Wednesday morning. Highs in the mid 70s. Lows in the mid 50s.
- (North)** Light rain possible through Wednesday. Highs in the mid 60s. Lows in the mid 40s.

Calendar:

- June 12 OSU Strawberry Open House** will be at the North Willamette Research and Extension Center in Aurora, Oregon from 2:30-4:30PM, details will follow.
- 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, details will follow.
- July 9 OSU Blueberry Field day** will be at the North Willamette Research and Extension Center in Aurora, Oregon from 2:30-??PM, details will follow.
- 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](#)
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