



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

June 10, 2002

A few interesting get togethers are happening this week:

- 1) An **OSU Strawberry Open house** at the North Willamette Research Station from 2:30 to 4:30 on Wednesday. Chad Finn (Berry crop breeder), Bernadine Strik (Berry crop horticulturist), Diane Kaufman (Berry crop extension agent) and Joe DeFrancesco (Berry crop pesticide specialist) will all be there to discuss their work and host tours.
- 2) A **WSU Strawberry Open House** at WSU Puyallup Research and Extension, Farm 5 from 6:00-8:00 pm Thursday night will be hosted by Pat Moore, the WSU berry crop breeder.
- 3) There's going to be a **grand opening of Samson Estates Winery** in Lynden. It's owned by the Dhaliwal family. They produce raspberry, currant and blackberry wines as well as more traditional wines. Call Rob for details at (360)318-8501. You can also visit their website at <http://www.samsonestates.com> for directions and tasting room hours.

On June 14th (Friday), The Washington Department of Ag will be mailing a **referendum ballot to all strawberry growers**. This is the vote on adding another seat on the Strawberry Commission to represent Clark and Cowlitz counties. Ballots need to be returned by July 5th. If I remember rightly, for it to be valid, 30% of growers representing 30% of the acreage need to vote. Norval Johanson, the Commission's manager can be reached at 360-491-6567 for more information. This is an important issue for the growers involved. Please vote.

Insects:

- 1) **Adult Black Vine Root Weevils** are emerging in both the North and South. You've got about 30 days after emergence to control the adults before they start laying eggs.
- 2) In the North, **Rough Strawberry Root Weevils** have begun to pupate.
- 3) The **Orange Tortrix** hatch that causes most of our leafroller contaminant problems in the South has usually taken place in the next couple of weeks. Pheromone traps should be in place for monitoring adults. If high adult trap numbers are found, it'd be a good idea to set up a schedule to search for small, newly hatched OT larvae and time treatments according to when they are found.
- 4) **Strawberry crown moth**. ([Click here for picture](#)). Here's a brief primer on SCM:
Life cycle: The moth overwinters as a dormant larva in the crown or roots of strawberry plants. Pupation occurs from May through July and the adult moths fly from June through July. Eggs are laid singly on the plants and larvae emerge 10-14 days later and feed on the crown and roots through the fall. There's one generation per year and four to six larval instars.
Control strategy: Pheromone lures are available to monitor adult emergence. The first insecticide application should be made 10-14 days after consistent adult emergence begins (sometime in June). Consistent emergence is when two to three adults are caught in traps on two or more consecutive days. A second application should be made two weeks later.
Registered Chemicals: Guthion (azinphos-methyl) and Thiodan (endosulfan) are labeled for the above sprays. Lorsban can also be applied immediately after harvest (top plants before application).
Control problems: 1) Treatments often need to occur during harvest. 2) SCM adults have a long flight period. 3) Once inside the strawberry crown, the larvae are very difficult to kill.
- 5) **Western Raspberry Fruitworm** is still flying in the North. Fields that applied an insecticide have reduced beetle activity significantly.
- 6) **Two spotted mites** are still at low levels in raspberries and strawberries in the South and North. **Yellow mites** are also present in some Northern raspberry fields.
- 7) Watch for **Lygus** feeding in strawberries. They can cause deformed fruit.
- 8) **Lecanium scales** have now passed the crawler stage and settled onto last year's growth in blueberries.

Numbers seem to be pretty low.

9) Cyclamen mites: Be on the look out for distorted new growth in strawberry plants.

10) Watch for **black-headed fireworms** in cranberries.

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.

2) Rust is flaring up in some fields in the North. Our weather the past few weeks has encouraged its spread. 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) If you've had problems with **Anthraco**se in blueberries (orange colored spores show up on ripe fruit) preventative sprays are most effective from the end of bloom until harvest. **Abound (Azoxy**strobin) does a good job on it.

Cropwork:

Blueberries: 1) Can apply anthracnose prevention sprays after bloom. 2) If mummyberry has been a problem in the field, control now. 3) Can apply fungicide for botrytis control. 4) Scout for aphids in the North.

Strawberries: 1) Can treat for weevil and/or other insects just before harvest. 2) During bloom, can apply fungicide for fruit mold prevention. 3) Check weak areas for root weevils, crane fly 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, spittlebugs and Lygus bugs.

Caneberries: 1) Bring in bees by 10% bloom. 2) Treat for rust if needed 3) (North) Scout for Claycolored weevils. 4) Scout for mites. 5) Can apply foliar fertilizers. 6) (North) Scout for Western Fruitworm. 7) (South) Scout for Leafroller larvae.

Weather:

(South) Dry through at least Saturday. Highs in the 70's. Lows in the 50's.

(North) Dry through at least Saturday. Highs in the low 70's. Lows around 50.

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.

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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