

Small Fruit Update



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

[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](#)

April 12, 2005

Great weather for fungal diseases, eh? Some hail storms moved through the region yesterday. Everywhere is very soggy. The snow level is around 2,000 feet in the Cascades around Portland. Enough! All regions—**mummyberry** in blueberry and **phytophthora** in raspberry need attention. Keep in mind **botrytis bloom sprays** for blueberries and (in the south) strawberries

Southern Blueberries: Willamette Valley **Dukes** are at 20-25%. **Elliotts** are just starting. In southwest Washington, we've got **Earliblues** and some **Bluejays** that are past 50% bloom. The drawn-out bloom is indicating a similar long harvest period coming that would be good for hand harvested fresh and not so great for machine harvesters.

Southern Strawberries: Some of the weaker **Totem** fields are at or past 10% bloom. Most of the fields are at 2% or below. The potential for **botrytis blossom rot** is very high as well as latent infections that later cause **fruit rot**. Strawberry **mold control options** include [Pristine](#) (pyraclostrobin & boscalid), [Switch](#) (cyprodinil & fludioxonil), [Captevate](#) (fenhexamid & captan), [Elevate](#) (fenhexamid), and Captan. The first application is recommended to go on at 10% bloom. This isn't the year to be late.

OSU Extension Caneberry Newsletter: Diane Kaufman, OSU's extension agent for caneberries, summarized a number of topics that were covered in an ORBC March 22nd grower workshop. These include purple blotch, redberry mite, leafroller control, nitrogen fertilizing and fruit rot in caneberries. [Click here](#) for a copy of the newsletter.

Industry Website of the Week: The [Washington Blueberry Commission](#) has just completed a new site. It still needs some information added but the looks and organization of it are great.

WSU small fruit field days:

Strawberry Field Day, June 2, 3:00-5:00 WSU Puyallup Farm 5

Raspberry Field Day, June 30, 3:00-5:00 WSU Puyallup Farm 5

Mt. Vernon Small Fruit Open House July 6, 3:00-5:00 WSU Mt. Vernon REC

For further information, contact **Dr. Pat Moore**, Washington State University, 7612 Pioneer Way E., Puyallup, WA 98371 - phone: 253-445-4525, e-mail: moorepp@wsu.edu

Raspberry Variety Trial Field Days

This is an opportunity to look at the new raspberry selections from the WSU and the British Columbia breeding programs and evaluate their **adaptability to machine harvesting**.

July 11 at Randy Honcoop's Farm, 9696 Northwood Road, Lynden, Washington

July 13 at Sakuma Brothers Farm in Burlington, Washington.

New Pest Information

Insects (Click on the blue highlighted name for scouting, pictures and decision-making guide)

1) **Raspberry Beetle** Time to put out traps for raspberry beetle in the north. This pest has not been found at economically damaging levels in the south. For more information on the monitoring traps, contact Colleen Burrows at cburrows@wsu.edu.

2) **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.

2) **Orange Tortrix Leafrollers**: Southern caneberries. It's time to get **pheromone traps** set out to determine the initial level of the orange Tortrix adult populations. In southwest Washington, some trap counts in blackberries are already over 200 moths per trap per week.

Cropwork:

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

All Caneberries: 1) In the north, scout for clay cooler weevil. Look in the detritus at the base of the plants. 2) Scout for cane diseases. 3) Control primocane growth as needed. 4) If Phytophthora root rot is a problem, can apply Ridomil for control (raspberries only). 5) Can put out pheromone traps for leafrollers. 6) In the north, can put out traps for monitoring raspberry beetle.

Blueberries: 1) Get the bees in at around 10% bloom. Can apply Bee Scent or other attractant when weather is cool and wet. 2) Scout for virus symptoms. 3) Scout for Winter Moth larvae and treat as needed. 4) Scout for mummyberries and treat as needed. 5) Scout for bud damage & determine cause. 6) Can apply fungicide for fruit mold control at 10% bloom.

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 %.

[Ongoing Seasonal Pest Information](#) (Click on blue highlighted pest 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 adults** can now be found in some southern strawberry fields.

c) **Larvae** of other species such as **Black Vine** and **Strawberry weevil** are also just beginning to pupate in southern fields.

2) **Winter moth:** a) **Blueberries.** Watch flower buds for webbing and feeding symptoms. b) **Raspberries.** We're recovering quite a few larvae from southern caneberry fields.

3) **Redberry mites:** Evergreen blackberries and Marionberries.

Diseases:

1) **Alert: Mummyberry in blueberries.** Mummyberries are now being found sprouting throughout the northwest growing region. The wet weather increases the likelihood of infections.

2) **Phytophthora Root Rot:** Raspberries, Strawberries.

3) **Blueberry Viruses:** **Blueberry Shock virus** symptoms are showing up in southern blueberry fields. **Scorch virus** symptoms are also due to show up in blueberries. If you suspect that your blueberry field has a virus problem you can call Bob Martin to arrange for testing at (541) 738-4041 or [email](#) him.

4) **Purple Blotch:** Blackberries. Lesions are easy to spot right now.

5) **Cane Blight:** Raspberries. A good time to spot symptoms of cane blight is as the buds break.

6) **Yellow rust** Raspberries (new pictures have just been added to web site showing rust progression stages).

7) **Cane and Leaf Rust** Blackberries.

Other Pests:

1) **Voles/meadow mice:** All crops. Click on the highlighted name for information on scouting, baiting and bait stations.

2) **Slugs:** Strawberries.

Calendar

For an expanded online calendar, [click here](#).

May 11—Oregon Raspberry and Blackberry Commission ~ 5:30 Sweet Briar Inn, Tualatin, OR Call 541-758-4043 or [email](#) for information.

May 14—Oregon Blueberry Growers Association Annual Meeting ~ Roth's IGA, West Salem. For more information contact Judy Ebert (503) 663-6451 or by [email](#).

June 1—OSU Strawberry Open House ~ 2:00 pm, North Willamette Research & Extension Center, 15210 NE Miley Rd, Aurora OR.

June 13-14—International Berry Health Benefits Symposium ~ LaSells Stewart Center, Corvallis, OR. [Click here](#) for a pdf file of the brochure.

June 29—OSU Caneberry Open House ~ 2:00 pm, North Willamette Reseach & Extension Center, 15210 NE Miley Rd, Aurora OR.