



April 25, 2007

[Small Fruit Cold Storage Reports](#)

[Weather Forecast](#) by Rufus La Lone

[Photo of the Week](#): Black Vine Weevil-larvae, pupae, newly emerged adult and mature adult—they're coming...

**Weblink of the Week:** [Curt Maberry Farms](#) We lost one of our industry's leading figures this week—**Curt Maberry**, third generation grower in Lynden, Washington died from a heart attack on Monday. You may wish to pass on your thoughts and prayers to the family at 729 Loomis Trail Rd., Lynden, WA 98264.

**Disease Alert:**

**[Blackberry \(phragmidium\) rust:](#) Evergreen blackberries.** The first new infections are now becoming visible as an orange, blister-like spot on the top of new leaves that is quickly followed by a dried out orange spot on the top of the leaf and 'dusty' spores on the underside. A protective fungicide application is recommended when this symptom is present. A Special Local Needs label is in effect in Oregon to use the 5 oz per acre rate of Rally for this disease.

**Pest Alert:**

**[Aphids/Scorch Virus:](#) northern blueberries.** Pre bloom aphid control is strongly recommended in blueberry fields infected with or in close proximity to fields infected with [Scorch virus](#). **This disease is most prevalent in B.C.**

Recommendations [in Canada](#) are for growers to use [Fulfill](#) (pymetrozine). **(Fulfill is not registered for use in blueberries in the US.)**

**Disease Alert:**

**[Yellow rust,](#) southern raspberries.** We're seeing rust transitioning to the bright orange/yellow stage in the most southern fields in the Willamette Valley. As it transitions, the new spore stage needs to infect and get established to continue the disease cycle. A protective fungicide covering the leaf surface during this time can help break this cycle.

**[B.C. Blueberry Council Workshops:](#)** The council is sponsoring two upcoming workshops. The first one on April 26 is in Punjabi. The second one is on May 11. They start at 7 PM and run about 2.5 hours. [Click here for information](#) or call [Sonja Ring](#) at 604-613-2133.

**[Washington Red Raspberry Commission Special Meeting](#)**

**May 2 ~ 8:30 am** at 1796 Front Street, Lynden or via Teleconference. Primary agenda item is to authorize the delivery of the application for the Federal Research and Promotion Program for processed red raspberries to the USDA. For more information, contact Henry Bierlink, Executive Director, WRRC, 360-354-8767 [henry@red-raspberry.org](mailto:henry@red-raspberry.org)

**[Weblink of the Week #2:](#) [Click Here](#)** for the latest Michigan State Fruit Bulletin. It's got a couple of useful articles: 1) How to adjust your blueberry fertilizer program if there's been cold damage and the crop load is lighter than normal. 2) How and when to use your irrigation system for frost protection. Their blueberry crop doesn't appear to have been seriously impacted by the last round of cold weather.

**[New Pest Information](#)**

**[Insects](#)**

**1) [Unknown leafroller species in blueberries, SW Washington:](#)** We're recovering apparent leafroller larvae from two fields in SW Washington that are causing economic levels of injury to blossoms. Their form is similar to orange tortrix or obliquebanded leafrollers but the color is chocolate brown with a black head. All are about at second instar stage. Samples will be sent in for identification. Any educated guesses?

- 2) [Rough strawberry root weevil](#), [black vine root weevils](#), [strawberry root weevils](#), **southern strawberries, caneberries:** Adult black vine and obscure root weevil have been recovered from Willamette Valley caneberry and strawberry fields. Pupation rates in strawberry fields are running from 75% to 25% depending on the location. The general rule of thumb is that root weevils will begin laying eggs about four weeks after adults emerge. Control strategy is to kill the adults (the stage most vulnerable to insecticides) before they begin egg laying.
- 3) [Blueberry Gall Midge](#): **blueberries.** Dr Wei Yang (OSU Extension) reports high numbers of emerging blueberry gall midge adults on yellow sticky card monitoring traps in Salem area fields.

### **Chemical Controls (Canada)**

**Strawberries, insecticide:** From Mark Sweeney, B.C. Berry Industry Specialist: "The **Admire registration for aphid control in strawberries** just came in. Applications must go on prebloom, so time is getting tight, I think most growers can still get it done if weather cooperates." [Click here](#) for the label. [Click here](#) for recommendations.

### **Ongoing Pest Information**

#### **Insects**

- 1) [Raspberry beetle](#): northern raspberries.
- 2) [Clay colored weevil](#): northern raspberries & blueberries
- 3) [Orange tortrix leafrollers](#), southern caneberries
- 4) [Obliquebanded leafrollers](#), northern blueberries.
- 5) [Winter moth](#): (& span worm), blueberries.

#### **Diseases**

- 1) [Downy mildew](#), blackberries
- 2) [Pseudomonas \(bacterial blight\)](#), blueberries.
- 3) [Mummyberry](#), blueberries.
- 4) [Shock virus](#), southern blueberries

#### **Cropwork:**

**All crops:** 1) Apply fertilizer. 2) Weed control.

**All Caneberries:** 1) (northern areas) Scout for clay colored weevil. 2) Burn back primocanes. 3) Can apply phosphite materials for disease control.

**Blueberries:** 1) Pseudomonas prevention applications. 2) Scout for Winter Moth feeding. 3) Scout for mummyberries/control as needed. 4) Bring in bees around 10% bloom. Can apply Bee Scent or other attractant when weather is cool and wet. 5) Scout for virus symptoms/send in sample for testing to confirm. 6) Apply prebloom aphid control as needed. 7) Plan to apply fungicide for fruit mold control at 10% bloom.

**Strawberries:** 1) Can apply foliar Fosphite, Aliette or equivalent product for root rot control. 2) Plan for fungicide application to prevent fruit mold starting at 10% bloom. 3) Check weak areas for root weevil larvae, strawberry crown borers or root disease problems. 4) Scout for virus symptoms/send in sample for testing to confirm. 5) Can apply slug bait.

**Some Upcoming Small Fruit Events** ([Click here](#) for a more complete calendar)

#### **Oregon Blueberry Commission Meeting & Budget Hearing**

**May 8 ~ Noon**, Doaks Ferry Room, West Salem Roth's IGA, 1130 Wallace Rd NW, Salem, OR. Call the Commission office at 503-364-2944 for more information.

#### **Oregon Raspberry and Blackberry Commission Meeting & Budget Hearing**

**May 8 ~ 5:30 pm**, Langden Farms Golf Club restaurant, Aurora, OR. Call the commission at 541-758-4043 or [E-mail](#) for more information.

#### **Oregon Strawberry Commission Meeting & Budget Hearing**

**May 10 ~ 6:00 pm**, Doaks Ferry Room, West Salem Roth's IGA, 1130 Wallace Rd NW, Salem, OR. Call the commission at 541-758-4043 or [E-mail](#) for more information.

#### **WSU Strawberry Field Day**

**June 6 ~ 3:00-5:00 pm** at the WSU Puyallup Farm 5. For more information contact Pat Moore, phone 253-445-4525 or [email](#).

#### **Berry Health Benefits Symposium**

**June 11-12 ~ Oregon State University, Corvallis, OR.** [Click here for details.](#)

#### **OSU Strawberry Open House**

**June 13 ~ 2:00 pm** at the North Willamette Research and Extension Station, 15210 NE Miley Road, Aurora, OR. Call 503-678-1264 x 0 for more information.