



Disseminating information for: [Washington Red Raspberry Commission](#), [Oregon Raspberry & Blackberry Commission](#), [Oregon Strawberry Commission](#), [Washington Blueberry Commission](#), [Washington Strawberry Commission](#).

### May 11, 2004

The main story continues to be the **early season**. Canadian strawberry growers are looking to start picking May 25-27<sup>th</sup>. Willamette valley growers are probably just a few days earlier.

The **raspberry beetle** (previously known as the western raspberry fruit worm), one of the major insect contaminants in Northern raspberries, is about **three weeks ahead of last year** in development. Any needed pre-harvest (pre-bee) insecticide treatments needed for them should go on as soon as possible.

In the South, **mid season blueberries** are about done blooming and there's some **edible strawberries** showing up. The **cooler weather** has been good for sizing up the fruit.

**Starling control program:** If you'd like to participate in the USDA starling control program in Whatcom county get a hold of Henry Bierlink at (360) 354-8767 for information.

### Cropwork

**Raspberries:** 1) Can apply fertilizer—soil and foliar. 2) Control primocane growth as needed. 3) Put out pheromone traps for leafroller adult monitoring. Also scout for larvae. 4) Put out traps and scout for raspberry beetle in the north. 5) Scout for mites and control as needed. 6) Can apply fungicide for fruit mold control starting at 10% bloom. 7) Scout for rust. 8) Scout for Clay Colored weevils in the North.

**Blackberries:** 1) Can apply fertilizer—soil and foliar. 2) Control primocane growth as needed. 3) Put out pheromone traps for leafroller adult monitoring. Also scout for larvae 4) Can apply fungicide for fruit mold control starting at 10% bloom. 5) Can apply sulfur for control of redberry mite (primarily a problem in evergreens).

**Blueberries:** 1) Scout for virus diseases. 2) Treat for mummyberry prevention in the North. 3) Can apply fertilizer—soil and foliar. 4) Can apply fungicide for fruit mold control starting at 10% bloom. 5) Plan ahead for bird control. 6) Scout for aphids.

**Strawberries:** 1) Scout for root weevil, cutworm and /or strawberry crown moth larvae in areas where the new growth is weak. 2) Can apply fertilizer. 3) Can apply foliar Fosphite or Aliette for root rot control. 4) Scout for aphids. 5) Can apply fungicide at 10% bloom for fruit mold control. 6) Scout for two-spotted mites and cyclamen mites.

**Cranberries:** 1) Scout for fireworm and apply diazinon for pre bloom control if needed.

**All crops:** Control existing weeds.

### Insect Update

**1) Raspberry beetle** adults are now laying eggs and continue about three weeks ahead of last year in development. Just before the bees arrive is the usual window for insecticide treatments for their control. Monitoring trap information is available from Todd Murray, Whatcom IPM, at 360-676-6736. [For photos click here](#) .

**2) Orange tortrix leafroller** trap counts in the south continue very high in many fields. Still no signs of female emergence or a larval hatch so no Bt or Spinosad treatments are yet recommended. Monitor closely over the next few weeks to time any insecticide applications to the appearance of large numbers of the very small larvae.

**3) Mites:** Our cooler weather has helped to suppress mite populations but continue to monitor closely. I've had reports of economically damaging levels of **Cyclamen mites** in some Oregon strawberry fields.

**4) Root Weevils:**

[Click here](#) for **weevil species photos**.

**Black Vine:** Adults are now being found in the South. To control, the adults need to be killed before they start laying eggs. This usually is figured to be about four weeks after they've emerged.

**Clay colored:** Adults are present in some northern raspberries. They are mature and laying eggs. Click [here](#) for scouting and pictures and [here](#) for decision-making.

**Rough strawberry:** Overwintering adults are being recovered. Small larvae assumed to be rough strawberry are being found in some southern strawberries. Larval identification is not 100% accurate.

5) **Aphids:** Aphid control could be necessary in situations where they can **vector viruses**.

6) Check weak areas in strawberry fields for insect larvae feeding on the crowns and/or roots. These could be **cutworms, strawberry crown moth** or **root weevil larvae**.

### Disease Update

1) **Mummyberry.** We're still in the critical time to treat for mummyberry in the North. [Click here](#) for information and pictures.

2) **Virus diseases:**

**Shock virus** symptoms are visible in blueberries. The newly developing buds suddenly turn black and die.

Infected plants recover but produce no crop for a year. No treatments are available.

**Blueberry Scorch virus** looks very similar to Shock but is much more serious since plants don't recover and should be immediately removed to prevent spread. WSU Whatcom County has a [web page](#) with Blueberry Scorch virus information and sampling guidelines. Sampling for blueberry scorch virus is best accomplished at full bloom.

You can call Todd Murray with any questions at 360-676-6736.

3) **Rust** is visible in raspberries. We're just beginning to go through a change in the spore stage in the South. Once the orange pustules start showing up on the underside of the leaf, the disease begins the stage that spreads very quickly. Given the proper weather conditions, it can cause a major decrease in yield and plant vigor.

### Chemical Control Update

1) Strawberry fruit mold control options this year include **Pristine, Switch, Elevate, Captevate, Thiram and Captan**. The first application is recommended to go on at 10% bloom. Alternate or tank mix materials to avoid resistance and ensure control of a broad spectrum of fungal diseases.

2) Fruit mold control fungicide options in blueberries include **Pristine, Elevate, Switch, Captevate, Rovral, and Captan**.

3) Fruit mold control fungicide options in caneberries include **Pristine, Elevate, Switch, and Captan**.

### Weather

**North** (Whatcom County): Chance of showers all week. Lows in the mid 40s. Highs in the low to mid 60s.

**South** (north Willamette Valley): Some showers but mostly dry. Lows in the mid 40s. Highs getting up to around 70.

### Calendar

**May 11 — Oregon Raspberry and Blackberry Commission Meeting and Budget Hearing** ~ Holiday Inn, Wilsonville, Or. at 6 PM. For information call 541-758-4043 or [email](#).

**May 15 — Oregon Blueberry Growers Association Annual Meeting** ~ Roth's IGA, West Salem. For more information, Contact Judy Ebert (503) 663-6451 or by [email](#).

**June 2 — OSU Strawberry Open House Field Day** ~North Willamette R & E Station, Aurora, 3 PM [Click Here](#).

**June 4 — BC Strawberry Field Day/Tour** ~ Abbotsford, BC. For more information contact Chaim Kempler ([kempler@agr.gc.ca](mailto:kempler@agr.gc.ca)) 604-796-2221 x 224

**June 10 — WSU Strawberry Field Day** ~ Puyallup Farm 5, 3–5 PM, For more information contact [Patrick Moore](#)

**July 1 — OSU Caneberry Open House** ~ North Willamette R & E Station, Aurora, 2 PM. Call the station at 503-678-1264 x 0 for information.

**July 8 — WSU Raspberry field trial open house** ~ Sakuma Brothers, Mt. Vernon, 5-7 PM, Contact [Patrick Moore](#).

**July 13 — WSU Raspberry Field Day** ~ Puyallup Farm 5, 3–5 PM, For more information contact [Patrick Moore](#).

**July 15 — OSU Blueberry Open House** ~ North Willamette R & E Station, Aurora, 1 PM. Call the station at 503-678-1264 x 0 for information.

**July 15 — WSU Raspberry field trial open house** ~ Honcoop Farm, Lynden, 11-1PM, Contact [Patrick Moore](#).

**July 22 — WSU Small Fruit Field Day** ~ Mt. Vernon Station, 3–5 PM, For more information contact [Patrick Moore](#)

**Small Fruit Cold Storage Reports:** <http://berrygrape.oregonstate.edu/markets/cold.htm>

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