



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

June 1, 2004

Strawberries: Harvest is ongoing in both the north and south regions. Fruit quality and quantity have been excellent. Some mold showed up with the wet weather over the weekend.

Blackberries: Marionberries are just about finished blooming with some fruit starting to color. Evergreens started their bloom last week. Some fields are near 10%.

Raspberries: Some ripe fruit is present in the Meekers in the south. The main harvest should start in a couple of weeks. Early varieties and weak fields will be even earlier.

Blueberries: Cool weather continues to size fruit. Time for checking all blueberry fields for virus symptoms! See disease alerts below.

Strawberry field days: The Oregon State strawberry field day is tomorrow (Wednesday 6/2) at the North Willamette Station in Aurora, OR at 3 PM. [Click Here](#) for details. The BC Strawberry field day and tour is this Thursday. For more information [email](#) Tom Baumann.

Blueberry Field Day Change: Due to our early season, Oregon State has moved up the date of their blueberry field day from July 15th to July 8th.

Insect Update—New information/Alerts

1) **Orange tortrix leafroller larvae** are now present in many southern caneberry fields. Now is the time to begin treatments to help prevent contaminant problems during harvest.

2) **Aphid colonies and winged adults** are now present in many blueberry fields. Controls can be applied in blueberries after the bees have been removed. This can help control the spread of blueberry **Scorch virus**. In virus susceptible strawberry varieties like Hoods, aphid control is also recommended.

3) **Obliquebanded leafroller** adults are now emerging in the south. OBLR larvae can be a problem in blueberries, particularly in the north. Scout for rolled up leaves.

Insect Update—Ongoing information

1) **Mites: Two-spotted mites** are now building up in some Whatcom County raspberries. Continue to monitor closely.

2) **Root Weevils:**

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

Black Vine: Adults are now present 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: Adults are being recovered in southern strawberry fields. This species tends to feed down in the crown of the plant and is very difficult to control with over the row insecticide applications.

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

4) **Raspberry beetles:** Evidence of raspberry beetle feeding has been found in Willamette Valley raspberries. Small numbers have also been picked up on monitoring traps in southwest Washington. So far these populations are below economically damaging levels. In the north they continue well ahead of last year in development. Monitoring trap information is available from Todd Murray, Whatcom IPM, at 360-676-6736. [For photos click here](#).

Disease Update—New information/Alerts

1) **Blueberry Scorch Virus:** Preventing the spread of Blueberry Scorch virus is of primary importance to our industry. WSU Whatcom County has a [web page](#) with Blueberry Scorch virus information and sampling guidelines. The Canadian growers have numerous infected fields and controlling its spread is vital on both sides of the border. Growers should survey if they have:

- 1) A new planting and have purchased the plants from an area where scorch is present.
- 2) A history of aphid problems (the vector of the virus).
- 3) Are located near a cranberry bog (Cranberries can have the virus without showing symptoms).
- 4) Suspect that blueberry scorch virus is present in their area.

Todd Murray (360-676-6736) would be happy to assist growers in surveying in Whatcom County. British Columbia also has several nurseries that have their stock tested regularly. [Email](#) Tom Baumann for further information. One of our contributors has suggested that the blueberry commission might be able to organize a virus-sampling program.

2) Blueberry Fruit Drop: This is a potential new virus in blueberries identified by Dr. Bob Martin. The fruit drops off the entire bush in early green fruit stage. This repeats every year. The disease's occurrence is sporadic so far only being found in five fields—one each in Oregon and Washington and three in B.C. Spread in a field appears very slow. If you suspect a problem in your fields, [email](#) Dr. Martin or call 541-738-4041.

3) Blueberry Mosaic Virus has been tentatively found in a field in Oregon. It's now being tested for confirmation. For a description and pictures, [click here](#).

4) Powdery mildew symptoms are now present in some strawberries. Levels remain well below economic damage in most fields. Edges of infected leaves curl up showing a reddened underside. I'm seeing it fairly heavy in a Firecracker variety field.

Disease Update—Ongoing information

1) 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. This looks very similar to Scorch virus. If you're unsure, [email](#) Dr. Martin or call 541-738-4041 for testing information.

2) Rust is visible in raspberries. 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.

3) Phytophthora Root Rot symptoms are becoming very pronounced in some raspberry fields. Plant leaves yellow and canes collapse.

Cropwork

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

Blackberries: 1) Put out pheromone traps for leafroller adult monitoring. Also scout for larvae. 2) Can apply fungicide for fruit mold control starting at 10% bloom. 3) Can apply sulfur for control of redberry mite (primarily a problem in evergreens).

Blueberries: 1) Scout for virus diseases. 2) Scout for weevils. 3) Can apply fertilizer—soil and/or foliar. 4) Can apply fungicide for fruit mold control starting at 10% bloom. 5) Plan ahead for bird control. 6) Scout for aphids. 7) Scout for leafroller larvae in rolled up leaves.

Strawberries: Harvest ongoing 1) Scout for root weevil, cutworm, symphylans and /or strawberry crown moth larvae in areas where the new growth is weak. 2) Can apply foliar Fosphite or Aliette for root rot control. 3) Scout for aphids. 4) Can apply fungicide at 10% bloom for fruit mold control. 5) Scout for two-spotted mites and cyclamen mites. 6) Scout for spittlebugs. 7) Scout for symphylans.

Cranberries: Can apply fungicides starting at bloom to prevent fruit mold

All crops: Control existing weeds.

Weather

North (Whatcom County): Warming later in the week before cool and maybe showery weather comes back next weekend. Lows around 50. Highs getting into the 70s.

South (north Willamette Valley): Warming later in the week before cool maybe showery weather comes back next weekend. Lows around 50. Highs getting into the 80s.

Calendar

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 [email](#) Tom Baumann.

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

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

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>

5261 N. Princeton ~ Portland, OR 97203 ~ Office phone: (503) 289-7287 ~ Fax: (503) 289-7229
Cell phone: (503) 970-0922 ~ email info@peerbolt.com ~ website <http://www.peerbolt.com>