



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

June 22, 2004

Strawberries: Processed harvest is finished in the south. Generally very good yields and quality this year with some mold problems at the end. Harvest in the north is well into the second pick. Great crop, poor price...

Blackberries: Silvan harvest is ongoing with Marions scheduled to start later this week. The hot weather last week created some heat stress and fruit quality could be an issue. The evergreen fruit set is looking excellent.

Raspberries: The main processed harvest is starting in the north. We're about a week or ten days earlier in the south. Some heat impact in the south but quality and quantity are still looking good. Black raspberry (blackcap) harvest has started in the south. The heat has also affected its fruit quality.

Blueberries: Processed harvest has started in the south. Fresh fruit harvest is ongoing. The quality is great. The fruit is starting to color in the north.

BC Raspberry Field day this Friday (June 25) ~ PARC substation, 510 Clearbrook, Abbotsford, BC from 4-6 PM. Contact Chaim Kempler at KemplerC@agr.gc.ca or 604-853-1551 for more information.

Raspberry Crown Borers wanted . . . There's a study being done on raspberry crown borers and the researchers are looking for sites to collect them. If you know of a site that has a population of crown borers, [email](#) or call Tom Peerbolt (that's me) at 503-289-7287 and I'll pass on the information.

Insect Update—New information/Alerts

Strawberry Crown Moth: Adults are being recovered from pheromone traps in the south this past week. Control applications need to be timed very closely to this first emergence. The [PNW Handbook write up](#) has pictures and detailed sampling information. This pest can cause major economic damage to strawberries and blackberries if undetected ([you can also click here for picture](#)). They haven't been reported as a pest in the north.

Insect Update—Ongoing information

1) Aphids are present in many blueberry fields. Alates (winged aphids) are settling down and producing colonies. Scout for them on the new growth, looking at the undersides of the leaves. These are the major vector for Blueberry Scorch Virus. Control options include Diazinon and **Provado** (imidachloprid).

2) Root weevils in blueberries may be causing more damage than originally thought. Look for stunted, chlorotic (yellow leaved) plants with notching on the new shoots at the plant base. There's some question as to what species is attacking blueberries in the north. If you collect some of the weevils, you can get a hold of Todd Murray at 360-676-6736 for identification.

3) Orange Tortrix leafroller larvae are now showing up in some southern caneberry fields in high numbers, creating the potential for harvest contaminant problems. One of the control options this year is **Success (Spinosad)**. It has a one day PHI. Other options are **Capture** or **Discipline** (Bifenthrin) and various **Bt** formulations.

4) Obliquebanded leafroller adult trap numbers are still going up. Not many larvae out in the south (most have pupated and become moths). But in the north OBLR larvae can be a blueberry and caneberry crop contaminant. Scout for rolled up leaves.

5) Caneberry Harvest Contaminants: Stink bugs are in large numbers in some northern raspberry fields as are **box elder bugs** in some southern caneberries. A broad-spectrum insecticide might be needed before harvest to prevent contaminant problems.

6) Root Weevils:

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

Black Vine: Adults are present in many small fruit fields. 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.

7) Raspberry beetles are present in many northern raspberry fields. They can be a major crop contaminant. Monitoring information is available from Todd Murray, Whatcom IPM, at 360-676-6736. [For photos click here.](#)

Disease Update—Ongoing information

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. 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.

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) Anthracnose: If you've had problems with Anthracnose in blueberries (orange colored spores show up on ripe fruit) preventative sprays are most effective from the end of bloom until harvest. **Abound (Azoxyastrobin)** does a good job on it,

4) 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.

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

7) Powdery mildew symptoms are now present in some strawberries. Levels remain below economic damage in most fields. Edges of infected leaves curl up showing a reddened underside.

Cropwork

Raspberries: Harvest ongoing 1) Use pheromone trap to monitor for leafroller adults. Also scout for larvae. 2) Use traps to monitor for raspberry beetle. 3) Scout for mites and control as needed. 4) Can apply fungicide for fruit mold control starting at 10% bloom. 5) Scout for rust. 6) Scout for insect harvest contaminants (weevils, stinkbugs, earwigs...)

Blackberries: 1) Use pheromone traps for leafroller adult monitoring. Also scout for larvae. 2) Can apply fungicide for fruit mold control starting at 10% bloom. 3) Put out pheromone traps for Strawberry Crown Moth.

Blueberries: Harvest ongoing in the South 1) Scout for virus diseases. 2) Implement bird control strategies. 3) Scout for weevils. 4) Scout for aphids. 5) Scout for leafroller larvae in rolled up leaves.

Strawberries: Harvest ongoing in the North, over in the South 1) Scout for root weevil and treat as needed. 2) Put out pheromone traps for Strawberry Crown Moth. 3) Scout for two-spotted mites and cyclamen mites. 4) Scout for powdery mildew symptoms.

Cranberries: 1) Can apply fungicides such as Bravo/NuCop at bloom. 2) Can apply Confirm (Tebufenozide) for fireworm control.

Weather for the week

North (Whatcom County): Cooling off and becoming cloudy. Highs from around 80 down to the high 60s. Lows in the mid to lower 50s.

South (north Willamette Valley): Cooling off. Slight chance of showers this weekend. Highs going down from the 80s to around 70. Lows going down from close to 60 to around 50.

Calendar

June 25 — BC Raspberry Field Day ~ PARC substation, 510 Clearbrook, Abbotsford, BC from 4-6 PM. Contact Chaim Kempler at KemplerC@agr.gc.ca or 604-853-1551 for more information.

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>

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