

Small Fruit Update



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

May 26, 2003 Memorial Day—

Raspberries should hit 10% bloom in the north this week. Time for bees and the first fungicide application to prevent fruit mold. Last week's cold temperatures caused slight damage in **strawberries** in both the North and South. Just a few blossoms showed black centers. I don't think it should impact overall yields.

Get the **irrigation/fertigation systems** in shape, won't be too long...

Insect Update

- 1) Weevil scouting:** A few newly hatched adult Black Vine and Rough Strawberry Root Weevils are being recovered in southern strawberry fields. Most weevils are in the pupal and larval stages. We still appear to have fewer black vine in most fields than previously and a lot more rough strawberry.
- 2) Raspberry Fruitworm:** Trap numbers are up significantly over last week. With raspberry bloom starting in the North and bees in the fields, the window for using diazinon for control has passed. One location in southwest Washington has also shown increasing trap counts but its still too early to say whether the population is large enough to be causing economic damage. ([Click here for fruitworm picture](#)).
- 3) Aphids:** Aphid control can 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**.
- 4) Orange tortrix leafrollers:** Trap counts are rising quickly in the South with the warmer weather this week. Some Marionberry and evergreen blackberry fields are over 300 moths per trap per week. Adjacent raspberry fields tend to be significantly lower. Very few larvae are present.
- 5) Carnation tortrix leafrollers:** These are also being picked up (darker than orange tortrix with an orange underwing) in the orange tortrix traps. This species is not a crop contaminant and should not be included in trap counts.
- 6) Winter moth** is still active and feeding in some blueberry fields in the north. Treat with *Bacillus thuringiensis* in fields where bees are present.
- 7) Spider mite** populations are increasing with the warmer weather. Monitor closely.
- 8) Cyclamen mites** are being found in some southern strawberry fields. Be on the look out for distorted new growth. The actual mites are too small to be seen without a strong hand lens. They can be found far down in the plant crown.
- 9) Black-headed fireworm:** It's time to scout cranberries for fireworm.

Disease Update:

- 1) Rust** is visible in raspberries in all areas It's at light levels in most fields in the south. .
- 2) Cane blight** symptoms in raspberries can also be found fairly easily at this time. Dead canes or canes with buds dead on one side could be caused by cane blight. Check for bright orange streaks coming up from last year's catcher plate wounds. Recommended treatment to prevent its spread is a fungicide application right after harvest before the wounds heal up.
- 3) Mummyberry** in blueberries: Protective fungicide applications should be applied in the north if mummyberry has been a problem. ([click here for picture](#)).
- 4) Shock** and **Scorch virus** symptoms are showing up in blueberry fields in all regions. If you suspect your field has a virus but are unsure, you can call Bob Martin, the USDA small fruit virologist to arrange for testing. 541-738-4041. The following website is a great resource for Scorch Virus diagnosis and testing <http://whatcom.wsu.edu/ag/comhort/BISV.htm>.

Cropwork:

Caneberries: 1).Fungicide can be applied for fruit mold control. 2) Bring in bees by 10% bloom. 3) Scout for rust and treat if necessary. 4) Put out pheromone traps for leafrollers. 5) Scout for raspberry fruitworm in the north. 6) Fertilizer can be applied

Blueberries: 1) Can apply fungicide for preventing fruit mold. 2) Can treat for mummyberry in the north. 3) Fertilizer can be applied. 4) Scout for aphids in fields having or close to fields having blueberry scorch virus. 5) Scout for Shock and Scorch virus symptoms. 6) Scout for leafrollers and winter moth.

Strawberries: 1) Can apply fungicide for preventing fruit mold if bloom is opening 2) Scout weak areas for presence of weevil larvae or strawberry crown moth. 3) Scout for cyclamen mites. 4) Scout for two-spotted mites. 5) Scout for low levels of aphids in virus susceptible varieties (like Hoods). 6) Can apply Fosphite (or equivalent) for root rot.

Cranberries: Scout for black-headed fireworm and treat with diazinon if needed.

Chemical Update

Cabrio EG (pyraclostrobin) is a newly labeled fungicide for blueberries, raspberries and blackberries. It has activity against rust, spur blight, alternaria leaf spot, anthracnose, purple blotch, powdery mildew and phomopsis. It looks like it might be a good fit to alternate with Rally (myclobutanol) for rust control. PHI is zero days.

Weather for the week:

(South): Chance of showers Wednesday. Highs in the 70s. Lows around 50.

(North): Showers Wednesday into Thursday. Highs in the mid 60s. Lows in the lower 50s.

Calendar:

May 29 - 31 Food Alliance is one of 45 non-profit and government agencies collaborating to present **The Sustainability Forum** in Portland. The Forum will take place at the Hilton Portland and Executive Tower. Call (503) 222-7041 for more information.

June 10 WSU Strawberry Field Day, Puyallup Farm 5, 3:00-5:00 pm. For more information contact [Patrick Moore](#).

June 12 OSU Strawberry Open House, North Willamette R & E Station, Aurora 3:00

July 9 OSU Caneberry Open House, North Willamette R & E Station, Aurora 3:00

July 10, WSU Raspberry Field Day, Puyallup Farm 5, 3:00-5:00 pm. For more information contact [Patrick Moore](#)

July 16 OSU Blueberry Open House, North Willamette R & E Station, Aurora 1:00-5:00 pm

July 24, WSU Small Fruit Field Day, Mt. Vernon Station, 3:00-5:00 pm. For more information contact [Patrick Moore](#)

August 14 WSU Small Fruit Field Day, Vancouver, WA Station, 1:00 - 4:00 pm. For more information contact Vicki Darnel at 360-576-6030.

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>