



June 9, 2009

[You Tube link of the week](#): This video from Nourse Farms shows the process of producing strawberry and raspberry tissue culture plants. This propagating method results in nursery plants that are virus and disease free.

[Photos of the week](#): Strawberry Crown moth adults are beginning to emerge and lay eggs.

[The Weather Cafe](#) by Rufus La Lone

[Cold Storage Report](#)

[Upcoming Meetings](#)

Regional reports

These reports are from individuals within the region and are their particular observations. They are included to give an impression of the present 'state of the industry' and regional activities.

British Columbia, Fraser Valley (6/9/09)

- **Blueberries:** Bloom is pretty much done on the blueberries. Green fruit is filling quickly, it seems. Aphid numbers are starting to increase, and control sprays are being put on this week after bee removal.
- **Raspberries:** What a hot week last week! Raspberries seemed to withstand the mid 30's (90's F) weather pretty well with a significant amount of bloom coming on. We probably got up to 30% bloom last week. Growth continues to look strong overall. Bees were very active even in the high heat. Yellow Rust has started to become more visible. Mites continue to be present but at low levels.

Whatcom County, Northern Washington (6/5/09)

- **Blueberries:** HOT finally over, back to normal temperatures. Cooler and maybe a bit wet this weekend. Bloom is about over. That went quickly
- **Strawberries:** Strawberries are really pushing now. The bloom is pretty much done. Some ripe fruit is visible on the borders. No bug problems.
- **Raspberries:** Quick bloom with the heat. Yellow Rust and mites are now coming on fast.

Willamette Valley, Oregon and SW Washington (6/8/09)

- **Blueberries:** Looking very good most fields. The storm last week knocked off some green fruit. Probably not enough to affect overall yields. Some of our older, dry land fields have draught problems. Another sign of our great fruit set is that there's more than normal 'yellowing' of some less-well-maintained fields as the plants try to size a larger than normal crop load with a drier than normal soil. We're into just about perfect weather--70's, cloudy mornings, sun in afternoon, dry.
- **Blackberries:** Marionberry blooms is finishing. The hot weather in the middle of bloom looks like it'll really concentrate the pick into fewer days than we'd like. Some significant lateral breakage in fields from the storm. Again, hard to say overall impact. Individual fields got what appears to be over 10% losses, but others weren't impacted. Evergreens are just starting to bloom. Marion harvest start 'guess' from one of our contributors—July 7.
- **Raspberries:** Bloom is well past peak. Some fields look finished. This could be a quick, heavy harvest. I can see IQF tunnel space problems in our near future. A lot of fruit could be competing for that space. No rust or mite problems. Pollination/ fruit set is very good.
- **Strawberries:** It's a great weather week to begin harvest in SW Washington. The fruit is holding well in the fields. Still some fruit sizing issues. Weevils are emerging, and we also picked up the first emergence of Strawberry Crown Moth adults.

Newsletters

- **New Jersey Blueberry Bulletin for 6-01-09:** [Click here.](#)
- **Michigan State Blueberry IPM Newsletter for 6-9-09:** [Click here.](#)
- **British Columbia Blueberry Commission IPM Newsletter for 6-5-09:** [Click here.](#)

Industry news/resources

- **Warm weather creating optimism for Whatcom County strawberry harvest:** [Click here](#) (6/7/09 Bellingham Herald)

- **Mississippi research efforts bearing fruit for blueberry growers:** [Click here](#) (6/5/09 Laurel Leader-Call)
- **AgJOBS low priority in D.C.:** [Click here](#) (6/5/09 The Capital Press)
- **Powerful storms hit Oregon:** [Click here](#) (6/5/09 The Capital Press)

New Pest Management Information

- **Weevils, southern strawberries:** Adult emergence of all major weevil species continues. The leaf notching symptom is now evident in southern fields. For more weevil information, click on these links: [Rough Strawberry Root Weevil](#), [Black Vine Root Weevils](#), [Strawberry Root Weevils](#).
- **Strawberry Crown Moth, southern strawberries and caneberries:** Pheromone traps in SW Washington strawberry fields picked up a few first emerging SCM adults. Those fields also have pupae and should be into steady adult emergence this week. First control treatments should be timed to go on 10-14 days after first consistent trap catches.
- **Orange Tortrix Leafrollers, southern blackberries and raspberries:**
 - The larval hatch that causes our major crop contaminant problems has not yet been picked up in any southern caneberry fields being monitored.
 - Treatments targeted toward killing larvae should hold off until actual Orange Tortrix larvae are present.
 - Just because adult pheromone trap counts are very high, this does not indicate there are larvae...yet.
 - High trap counts now just means there very likely will be high 'worm' numbers when the hatch does happen.
 - Keep a very close watch to time BT and other material applications to go on as soon as these very small larvae do start showing up.

Ongoing Pest Management Information

Diseases

- [Powdery Mildew](#), strawberries.
- [Blackberry Rust](#) (Phragmidium Rust), evergreen blackberries.
- [Yellow Rust](#), raspberries.
- [Alternaria Fruit Rot](#), blueberries.
- [Anthracnose Ripe Rot](#), blueberries.
- [Mummyberry](#), blueberries.
- [Purple Blotch](#), blackberries.
- [Shock Virus](#), blueberries.
- [Scorch Virus](#), blueberries.
- [Raspberry Bushy Dwarf Virus](#), Marionberries.

Insects

- [Blueberry Gall Midge](#), blueberries.
- [Raspberry Beetle](#), northern raspberries.
- [Twospotted Mites](#), strawberries.
- [Azalea Bark Scale](#), southern blueberries.
- [Winter Moth/ Bruce Spanworm](#), blueberries.
- [Aphids/Scorch Virus](#), blueberries.
- [Twospotted Spider Mites](#), raspberries.
- [Yellow Mites](#), northern raspberries.
- [Aphids](#), strawberries.

Meeting Information

- **June 10—OSU Strawberry Open House**~ 2 pm. North Willamette Research & Extension Center. Aurora, OR. [Click here](#) for the flyer with full information. There will be a \$10 charge per person, payable on site. No pre-registration is needed.
- **June 16—WSU Strawberry Open House**~ 3-5 pm. Goss Farm, Puyallup. The field day will consist of an informal tour of the WSU strawberry plots. See some of the most promising new WSU selections (such as WSU 2602 and WSU 2606, both early and WSU 2776 and WSU 2833, both late). It is also an opportunity to discuss directions for strawberry research. For directions or further information, contact [Pat Moore](#), 253-445-4525.
- **June 16—Caneberry Leafrollers, Parasitoids and Farm Landscape Ecology: A Beneficials Farm Walk**~ 2-5 PM with a pot luck at 5 Hinsvark Berry Farm, Woodburn, OR. Sponsored by the Integrated Plant Protection Center at OSU. [Click here](#) for more information. You can call or [email](#) Gwendolyn Ellen to register or with questions 503-737-6272.
- **June 22-23—The International Berry Health Benefits Symposium**~ Monterey, California. Hosted by the [National Berry Crops Initiative](#), seven North American berry organizations join together to feature the latest research by scientists worldwide on berries and human health.

Cropwork

All Crops: Monitor soil moisture levels and irrigate as needed.

Blueberries

- North--Scout for Span worms/Winter Moth, leafrollers and treat as needed.
- Apply aphid control as needed.
- Scout for Scale insects.
- Scout for weevil notching.
- Scout for virus symptoms/send in sample for testing to confirm.
- Can apply fungicide for fruit mold control until the end of bloom.
- After petal fall can continue to treat for Alternaria and/or Anthracnose.

Blackberries

- Scout for Phragmidium Rust in Evergreens.
- Scout for Cane and Leaf Rust.
- Scout for virus symptoms/send in sample for testing to confirm.
- Have bees in by 10% bloom.
- Can apply fungicide for fruit mold control starting at 10% bloom.
- Put out pheromone traps for leafrollers.

Raspberries

- Scout for Yellow Rust.
- Can apply phosphite material for Root Rot control.
- Can burn back primocanes as needed.
- Scout for virus symptoms/send in sample for testing to confirm.
- Have bees in by 10% bloom.
- Can apply fungicide for fruit mold control starting at 10% bloom.
- Put out pheromone traps for leafrollers.

Strawberries

- Check weak areas for Root Weevil larvae, Strawberry Crown Borers and/or root disease problems.
- Scout for virus symptoms/send in sample for testing to confirm.
- Can apply phosphite material for Root Rot control.
- Watch for Weevil leaf notching and plan for Weevil management if needed.
- Can apply a fungicide for fruit mold control starting at 10% bloom until the end of bloom.
- Plan to put out pheromone traps for Strawberry Crown Moth in southern fields.