

Small Fruit Update



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

July 15, 2003

Upcoming Field Days:

OSU Blueberry Field Day takes place tomorrow (7/16) at the North Willamette Research and Extension Center in Aurora. The time is 1-4. We'll be looking at the high density plantings, fertilization trials and cultivars/selection test plantings along with, of course, eating ice cream. Call the station for information/directions at 503-678-1264 x 0.

WSU Mt Vernon Field Day will happen next week on Thursday, 7/24 at the Mt Vernon Station from 3-5. We'll tour the blueberry and raspberry test plantings and discuss small fruit diseases problems (and eating ice cream, Pat?). Call Pat Moore at 253-445-4525 for information.

Solarization plots needed in Whatcom County. Drs. Pete Bristow (WSU) and Jack Pinkerton (USDA) are (still) looking for a site to set up trials to test solarization for control of rot root, weeds and diseases in raspberries. Contact Todd Murray if you think you could help at tamurray@coopext.cahe.wsu.edu.

Environmental information for Whatcom: Soil moisture and many other area environmental trends can be followed by going to <http://index.prosser.wsu.edu/> . The password is 'whatcom'.

Crop updates:

Raspberries: The North pick is around 25-30% done and probably hitting their peak days this week. They got a good rain over the weekend, between 0.5 and 1.5 inches across Whatcom county and up to 3 inches in parts of Canada. Prices in IQF, puree and juice are all holding at pretty good levels this year. Continued picking in the South. Well past the peak. No mold problems but trouble getting the machine picked fruit to come off due to hot weather/shriveled fruit.

Strawberries: Harvest is wrapping up in the North. The last strip picks have just happened in Skagit County. Some southern fields are now being mowed and treated for root weevils and strawberry crown moth.

Blackberries: The first picks are finished on Marions and Boysens. The second is done on Silvans. Yields are disappointing. Seems to be a heavy year for orange tortrix larvae contaminant problems.

Blueberries: Harvest is on going in the South. More mummyberry than usual. Some hand picking of Dukes has started in the North with machine harvest about a week or two away.

Insect Update

1) Orange tortrix leafrollers: Problems with larval contaminants continue in many southern caneberry fields. Treatment options with short pre harvest intervals that can be used during harvest include Bt formulations, Success (spinosad), and Malathion.

2) Strawberry Crown Moth: Trap numbers continue to increase in some southern strawberry and caneberry fields. The first insecticide treatment should go on ten days to two weeks after consistent flight begins. For most southwest Washington fields that would be right about now. ([Click here for picture of moth](#)).

3) Weevils: Black Vine and Rough Strawberry Root Weevil adults are present in many strawberry and raspberry fields... Check for notched leaves that indicate weevil feeding. Beating trays can be used to sample for adult weevils in caneberry fields. You can also sample by looking at night with a flashlight after 10 pm when they're feeding.

4) Raspberry Fruitworm: Larvae are now developing in the fruit. ([Click here for fruitworm picture](#)).

5) OBLR larvae in blueberries. Larvae will create a silk nest in the calyx end of the ripening fruit causing a contamination problem.

6) OBLR leafroller adults: OBLR trap counts continue to increase.

7) Spider mites: Our warmer weather favors mite population increases. So far no major problems reported.

8) Black-headed fireworm: It's time to scout cranberries for black-headed fireworm. Confirm (Tebufenozide), an insect growth regulator, can be used for control while bees are still in the field. After bees are removed, Diazinon can be used.

9) Aphids: Aphid populations are increasing even in some fields that had been treated with a broad spectrum insecticide a couple of weeks ago.

Disease Update:

- 1) **Raspberry Bushy Dwarf Virus** symptoms are showing up in many northern raspberry fields.
- 2) **Mummyberry** infected blueberries are becoming evident as the fruit ripens. Infected fruit is shriveled and discolored. ([click here for picture](#)).
- 3) **Root rot/stress** symptoms are now very pronounced in caneberries.

Cropwork:

Caneberries: 1) Treat for insect harvest contaminants if needed. 2) Fungicide can be applied for fruit mold prevention. 3) Scout for leafroller larvae. 4) Scout for raspberry fruitworm in the North. 5) Can scout for weevil adults using a beating tray. 6) Scout for mites.

Blueberries: 1) Deploy bird control/scare devices to protect ripening fruit from damage. 2) Scout for aphids. 3) Scout for mummyberry infected fruit. 4) Scout for leafrollers. 5) Scout for weevil feeding in the lower suckers. 6) Can apply anthracnose prevention sprays prebloom.

Strawberries: 1) Plan to renovate fields two to four weeks after harvest. 2) Can treat for weevils if needed. 3) Treat for cyclamen mites if needed. 4) Scout for two-spotted mites. 5) Put out pheromone traps for strawberry crown moth.

Cranberries: 1) Scout for black-headed fireworm. 2) Can apply fungicide to prevent fruit mold.

Weather for the week:

(South): More of the same. Dry and warm. Highs pushing 90 by the weekend. Lows in the high 50s.

(North): .Lookin' good. Highs around 75. Lows around 55.

Calendar:

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 4 WSDA Endangered Species Program Workshop, Natural Resources Bldg., Olympia, WA. 9-noon. For more information contact Bridget Moran at 360- 902-1936 e-mail: bmoran@agr.wa.gov

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.

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