



Disseminating information for the [Washington Red Raspberry Commission](#).

May 13, 2002

The Washington Department of Ag has again revised the **Switch** Section 18 label for caneberries in Washington. The cutoff date for the two allowable applications has been pushed back from June 15th to July 15th. (Pete Bristow's Switch application information is attached). Thanks to those growers up North who worked with the Department to make this revision happen.

Time to treat for **Rust** in Southern raspberry fields.

We've had **frost damage** in some SW Washington **strawberry fields** last week. Pretty minor in most places. I haven't heard how much damage occurred in Oregon. Usually their temps are even lower than ours in Clark and Cowlitz counties. Also had reports of some minor damage in **blueberries** in the North due to frost.

Shock and Scorch Virus symptoms in blueberries are showing up. Flowers and vegetative shoots suddenly die just as they're about to open. ([Click here for picture](#)). No treatments available. The plants infected with **Shock** return to productivity the following year. Plants infected with **Scorch** don't recover and should be rogued out immediately. A strain of Scorch more virulent than we've had in past years has been found in British Columbia and we're attempting to prevent its spread into Washington and Oregon. If you have blueberry plants showing symptoms and are unsure what's causing it, you can call Bob Martin, our small fruit virologist at 541-750-8794 to arrange for testing. Bob would like to do all testing before June 1st. Don't take chances -- if in doubt, get them tested!

Small Fruit Research and Extension Field Days for Oregon and Washington are listed in the calendar below. I know they always occur during the busy season but then there wouldn't be much to see in December would there?

Insect update:

- 1) In the North, **Clay Colored Weevils** are active and feeding.
- 2) **Winter Moth larvae** are being found at economically damaging levels in some Northern blueberry fields.
- 3). **Aphids** are showing up in fairly high levels in strawberries in the South. Control now to prevent virus spread especially if you've got a virus susceptible variety like Hood. In the North, should also start considering **aphid** control for strawberries.
- 4). **Root weevils** are pupating in the South. Our cold soil temperatures have held back their development. Very few Black Vine adults are being found yet.
- 5) Monitor for **Raspberry Fruitworm**. Their feeding pattern is very distinctive--check the picture. ([Click her for picture](#)).
- 6) Also in the North, watch for **cutworms** in strawberries and raspberries..
- 7) **Cyclamen mites**: Be on the look out for distorted new growth in strawberry plants. It could be a sign of cyclamen mites.
- 8) **Two spotted mites** are showing up at low levels in strawberries and raspberries in the South. **McDaniel mites** have also shown up in their usual raspberry fields in Brush Prairie. No sign of **Yellow mites** yet.

Disease Update:

- 1) **Rust** in the South is at the stage that requires treatment. The spores are showing up on the bottom of leaves and on some new growth. If it is present, you can apply **Rally** (Myclobutanil). If not treated at this early stage, significant yield loss could result.
- 2) **Tomato Ringspot Virus**: A chevron pattern on some raspberry leaves infected with Tomato Ringspot Virus is appearing in the South. This is the only time of year this symptom is visible. ([Click here for picture](#)).
- 3) **Mummyberries** are sprouting in blueberry fields North & South. Also now visible are secondary mummyberry infections that appear as dying leaves. These produce the spores that infect the flower blossoms, resulting in the

characteristic 'mummified' fruit.

4) **Caneblight** symptoms in raspberries can also be found fairly easily at this time. ([Click here for picture](#)) Dead canes or canes with buds dead on one side could be caused by caneblight. Check for bright orange streaks coming up from last year's catcherplate wounds. Recommended treatment to prevent its spread is a fungicide application right after harvest before the wounds heal up.

5) **Cane botrytis** has been an ongoing problem in some Northern raspberry fields as well as **blossom and twig blight** in some blueberry fields.

Chemical Update:

1) Pete Bristow brought to my attention that the **Switch** label on strawberries has a plant back restriction. For one year after application, only strawberries or onions can be planted on the site.

2) Strawberry fruit mold control options this year include **Switch, Elevate, Thiram** and **Captan**.

3) Fruit mold control fungicide options in blueberries include **Elevate, Rovral**, and **Captan**.

4) Fruit mold control fungicide options in caneberries include **Switch, Elevate**, and **Captan**. **Switch** can only be used twice before a July 15th cut off date in Washington. In Oregon it can be used up to four times before a September 15th cut off date.

5) **A listing of pesticides** labeled for use in strawberries, blueberries and caneberries along with their PHI's and REI's can be found on our website at <http://www.peerbolt.com/pestupdate.htm>. Thanks to Joe DeFrancesco for putting this together and helping us maintain it as a grower resource.

Cropwork:

Blueberries: 1) Bring in bees at 10% bloom. 2) If mummyberry has been a problem in the field, control now. 3) Scout for winter moth. 4) Can apply fungicide for botrytis control at 10% bloom. Repeat as needed.

Strawberries: 1) Can apply fruit mold control at 10% bloom, repeat as needed. 2) Check weak areas for root weevils, cranefly larvae and/or Strawberry Crown Moth. Wireworm also possible in North. 3) Scout for cyclamen and two-spotted mites. 4) Can apply foliar fertilizers. 5) Scout for slugs and cutworms.

Caneberries: 1) Bring in Bees by 10% bloom. 2) Caneburn primocanes. 3) Treat for root rot with Aliette (or equivalent). 4) Apply fertilizer. 5) (North) Scout for Claycolored weevils. 6) Scout for mites. 7) Can apply foliar fertilizers.

Evergreen Blackberries: Apply sulfur or lime sulfur for redberry mite control when lateral growth is 2-6 inches long.

Weather:

(South) Some showers on Monday and again next weekend. Highs in the 60's. Lows in the mid 40's.

(North) Showers Monday and returning Friday. Highs around 60. Lows around 40.

Calendar:

May 18 Oregon Blueberry Growers Association annual meeting at Roth's IGA (Santiam Room) - West Salem from 6:00-9:30. Mark D. Hurst will be honored at the meeting as the "Outstanding Leader in the Oregon Blueberry Industry". Special guest, Mark Villatta, the Executive Director of NABC will be attending the meeting. For registration, please call Judy at 503-663-6451.

May 24 Blueberry Production Workshop and Tour. OSU Extension Service will present a workshop on blueberry production at the Pine Grove Grange in Hood River. For more information, contact the OSU Extension Office in Hood River at 541-386-3343. Click [here](#) for the agenda.

June 12 OSU Strawberry Open House will be at the North Willamette Research and Extension Center in Aurora, Oregon from 2:30-4:30.

June 13 WSU Strawberry Open House at WSU Puyallup Research and Extension, Farm # 5 from 6:00-8:00 pm For more information contact [Patrick P. Moore](#).

June 14 Oregon Fresh Market Growers Association Banquet Reservations are \$20 per person. For information contact Ed Montecucco at 503-263-6066 or Bob McReynolds at 503-678-1264x25.

July 9 OSU Caneberry Open House will be at the North Willamette Research and Extension Center in Aurora, Oregon from 1:00-2:30.

July 9 OSU Blueberry Field Day will be at the North Willamette Research and Extension Center in Aurora, Oregon from 2:30-??PM.

July 17 WSU Raspberry Open House at WSU Puyallup Research and Extension, Farm # 5 from 6:00-8:00 pm For more information contact [Patrick P. Moore](#)

July 18 Small Fruit Open House at WSU Mt. Vernon from 3:00-5:00 pm. For more information contact [Patrick P. Moore](#)

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>