



August 15, 2007

[Event Calendar](#)

[Weather Forecast](#) by Rufus La Lone

[Photos of the Week](#): Blackberry rust is increasing in the Evergreen blackberry fields.

[Small Fruit Cold Storage Report](#)

## Crop Reports

### Blueberries

- **Oregon:** Elliots are the primary variety coming in along with some Legacy, Ozarkblue, Aurora and, just beginning, some Rabbiteye varieties.
- **British Columbia:** Harvest is ongoing. Elliots haven't started yet.
- **Whatcom county (Northern Washington):** Harvest is plugging along. Our unseasonably cool weather is not helping.

### Blackberries

- **Oregon:** Evergreen blackberries have just started picking, a little later this year than usual. Quality is good. Hopefully, the majority of the crop can get in without a major rain. Chesters and Hulls are also coming in.

## Chemical Control Update

(These are the major U.S. Small Fruit label changes that have come through in the last 4 months)

### Fungicides

- **Orbit** (propiconazole), **blueberries, caneberries, strawberries:** [Click here](#) for the supplemental label. Orbit has good activity on rust in caneberries and mummyberry in blueberries as well as many other fungal diseases.
- **Indar, blueberries:** [Click here](#) for the supplemental label. Very good mummyberry control. Getting this supplemental label means we won't have to continue applying for the yearly Section 18 emergency use labels for Indar for mummyberry.

### Insecticides

- **Lannate** (methomyl), **strawberries:** All strawberry uses have been deleted from the labels.
- **Actara** (thiamethoxam), **caneberries:** Another class of insecticide for better resistance management. [Click here](#) for label.
- **Mustang** (zeta-cypermethrin), **blueberries, caneberries:** This gives us another pyrethroid class insecticide for use in caneberries. It has a 1-day pre-harvest interval and a 12 hour re-entry interval. [Click here](#) for label.

### Herbicides

- **Spartan 4F** (sulfentrazone), **strawberries:** [Click here](#) for the Washington label. [Click here](#) for the Oregon label. This is a renewal of the Section 18's we've had for Spartan the last few years. Pre-emergent.
- **Prowl H2O** (pendimethalin). **Strawberries:** [Click here](#) for the supplemental label. Read the label carefully. A couple of the restrictions will keep it from being of practical use in northwest strawberries. Namely; 1) In planting it can't be used over the plants but only preplant and 2) In established fields it can only be used between the rows and not over the plants. Changes are being proposed to BASF to revise these restrictions.
- **Ultra Blazer** (Sodium salt of acifluorfen), **strawberries:** [Click here](#) for the label. Apply either right after renovation and/or while dormant. This is a 'hot' herbicide. Use caution. It lists activity on many hard to control broadleaves.

### Other

- **Actinovate** (*Streptomyces lydicus* strain WYEC 108), **blueberries, caneberries, strawberries:** This is a bacterial strain that is listed as having suppressive activity on "*Pythium, Phytophthora, Fusarium, Rhizoctonia, Verticillium* and other root decay fungi". It has a lot of claims without much (if any) small fruit research to back it up yet.

## Industry News

- **USDA has canceled its offers to purchase frozen red seedless raspberry puree** due to no bids being received. [Click here](#) for the announcement.

## **New Pest Information**

British Columbia Blueberry Council IPM Monitoring Report: [Click here](#) for the 8/9/07 report.

### **Diseases**

- **[Blackberry \(Phragmidium\) Rust](#), Evergreen blackberries.** There continues to be an increase in active infections in many Evergreen fields. Off year fields are also increasing in visible infections. If we enter another period of mild, wet weather, we could expect to see a significant jump again in leaves showing the disease.
- **[Powdery Mildew](#), strawberries.** Some fields in SW Washington have seen a major increase in powdery mildew. In particular newly planted fields with recent irrigation. Many are now being treated.

## **Ongoing Pest Information**

(Click on blue, underlined pest name to link to further scouting information, photos, and control options)

### **Insects**

- **[Blueberry Gall Midge](#), blueberries.**
- **Fall webworm (tent caterpillars), blueberries:** [Click here](#) for a general information sheet.
- **[Aphids/Scorch Virus](#): northern blueberries.**
- **[Mites](#), raspberries.**
- **[Mites](#), strawberries.**
- **[Weevils](#): strawberries, raspberries, blueberries.** For more weevil information, click on these links: [Rough Strawberry Root Weevil](#), [Black Vine Root Weevils](#), [Strawberry Root Weevils](#).
- **[Obliquebanded leafrollers](#), blueberries, raspberries.**
- **[Redberry Mites](#): Evergreen blackberries.**

### **Diseases**

- **[Botrytis](#): blueberries.**
- **[Anthracnose Ripe Rot](#), blueberries.**
- **[Cane Blight](#), raspberries.**

Armillaria Root Rot, B.C. blueberries: [Click here](#) to link to Michigan State's information and photos.

- **[Godronia Canker](#), blueberries.**
- **Viruses, blueberries:** [Shock virus](#), [Scorch Virus](#)
- **[Mummyberry](#), blueberries.**
- **[Botrytis](#): raspberries.**
- **[Yellow Rust](#), raspberries.**
- **[Alternaria Fruit Rot](#), blueberries.**
- **[Cane and Leaf Rust](#), blackberries.**

**[Birds](#), blueberries**

## **Tissue analysis & soil testing**

- **Post harvest** is the best time to do most soil and leaf testing for nutrient management.
- **In blueberries**, tissue testing and pH monitoring are recommended. [Click Here](#) to view OSU's Blueberry Nutrient (and testing) Guidelines.
- **In caneberries**, while annual soil testing has been the industry norm, Oregon State's recently updated nutritional guide recommends annual leaf testing with soil tests every few years. [Click Here](#) to view OSU's Caneberry Nutrient (and testing) Guidelines.

## **Cropwork**

### **Caneberries that are finished with harvest:**

- Cane out old floricanes now if cane disease is a problem in red raspberries and trailing blackberries that are done fruiting. If cane disease isn't a problem, wait until October or so for better plant health, improved cold hardiness and less overwintering habitat for leafrollers.
- Scout for mites and treat as needed.
- Scout for potential insect harvest contaminants and treat as needed.
- Treat for cane blight immediately after harvest if needed.

### **Late ripening blackberries:**

- Scout for rust and treat as needed.
- Scout for mites.
- Scout for potential crop contaminants. Treat as needed.
- Treat for fruit mold if needed.

- Scout for fruit disorders (e.g. crumbly fruit, dry cell) and determine cause.

**Blueberries:**

- Scout for fruit disease problems (e.g. Mummyberry, Botrytis, Alternaria, Anthracnose) and determine cause.
- Scout for virus symptoms/send in sample for testing to confirm.
- Scout for weevil notching on lower leaves.
- Implement controls to prevent bird-feeding damage.
- Prune out canker killed branches and remove them from the field.

**Strawberries: Harvest finished.**

- Can treat for weevils and other insects.
- Scout weak areas for root weevil larvae, Strawberry Crown Moth, root disease or soil problems.
- Scout for virus symptoms/send in sample for testing to confirm.
- Scout for weevil notching leaves.
- Scout for aphids.
- Scout for Two-Spotted Mites and Cyclamen Mites.
- Scout for Powdery Mildew and treat as needed.
- Renovate fields about 4 weeks after harvest.