

Small Fruit Update



Providing Northwest berry growers with the information they need when they need it.

The Small Fruit Update is sent out weekly during the growing season by [Peerbolt Crop Management](#) and is funded entirely by the Northwest berry growers and industry through their commissions and councils.

May 20, 2015

Week 21

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Items of note this week:

- **Field Days:** The BC Blueberry Spring Field Day is scheduled for June 8th at the Agassiz Research Centre. [Go here](#) for the flyer with all the details. [Go here](#) for a listing of all field days I know of so far.
- **Bird Management:** We've got a resources list for bird management including a list of companies providing falconry services. [Go here](#).
- **New blueberry disease information--Silver Leaf:** [Go here](#) for the PNW Plant Disease Handbook entry. So far, we've only had this confirmed in a few Draper fields. It's unknown how economic this disease will be.
- **Mummyberry:** We picked up the first mummyberry infected blueberry fruit of the year this last week. Another 'earliest ever' event.

Spotted Wing Drosophila

- I, along with the rest of you, am not looking forward to the insecticide spray regimes that could be necessary to manage SWD this year.
- With that in mind, I want to start emphasizing other aspects of SWD management that will help minimize both the risk to the crop as well as the time, expense and risk involved with over-reliance on insecticides.
- [Go here](#) for information outlining some of the major SWD risk factors and how you could manipulate them to minimize your risk of fruit losses.

Disseminating information for:

Washington

[Washington Red Raspberry Commission](#)
[Washington Blueberry Commission](#)
[Washington Strawberry Commission](#)

Oregon

[Oregon Raspberry and Blackberry Commission](#)
[Oregon Blueberry Commission](#)
[Oregon Strawberry Commission](#)

British Columbia

[B.C. Strawberry Growers Association](#)
[Raspberry Industry Development Council](#)
[B.C. Blueberry Council](#)

National

[North American Blueberry Council](#)

Tom Peerbolt, SFU Editor

For SWD information and other crop management updates go to the [Grower Resources](#) section.



Regional reports

[Go here](#) for the British Columbia Blueberry Council's IPM Newsletter for 5/15.

British Columbia, Fraser Valley (Sunday, 5/17)

- **Blueberries:** I'm also seeing lots of over-fruited plants especially with Draper, Liberty, Reka and Duke. Some real imbalances with poor vegetative growth. Fruit has sized very quickly otherwise and on well balanced plants the crop should be very good. I've seen some very uniform sizing on Dukes even though the bloom seemed to extend for quite a long period in many farms. Great indication of a fantastic pollinating season. Things seem to be happening quite quickly with the moderate, low stress environmental conditions. Irrigation is a must though. Now that the bees are starting to be removed we can get on with aphid control this week and some leafroller control. Late nitrogen granular applications will go on this week and next. We could see the first handpick Dukes around June 15 on light sandy soils in Sumas prairie.
- **Raspberries:** First fungicide bloom cover sprays to go on Meeker raspberries this week. We are applying more foliar fertilizer apps on Meekers this spring, trying to improve the weak lateral development that is rather widespread this spring.

British Columbia, Fraser Valley (Sunday, 5/17)

As thunder is once again rolling across the Fraser Valley, it was dry and quite warm this past week. Fruit progress has been swift. So are the weeds... With muggy weather prevailing fungal control is foremost on everyone's mind.

- **Haskaps:** Haskaps are in mid season, largest fruit I have ever seen on those things! Flavour quite developed and of course the nice protective acids and anti-oxidants well developed. Bumper crop happening.
- **Strawberries:** In the Eastern regions we are now looking at first strawberry picks in about a week. They looked dreadful earlier in the year but have filled in nicely since then.
- **Raspberries:** Raspberries are now showing the first largish green fruit, I imagine the odd ripe fruit to show in about 10 days. Where laterals had looked somewhat ruddy earlier, they have filled in and blooms are quite plentiful. Bees working the flowers hard, should get us some excellent fruit size and fewer crumbles.
- **Blueberries:** Blueberries, what can I say, large fruit already, they are developing way too fast. So far so good set with dry weather prevailing during large portions of the bloom. Those rainy days long forgotten. I hope on light soils people are already irrigating. Some overbearing visible on the usual varieties, few leaves to support all that fruit, however, Bluecrop, Reka and Duke looking awesome thus far. We will be early with fruit this year in all crops, the warmth is on-going, unusual for this area. Setting new temperature

records every other day. And yes, the poor fields look poor as always, the good fields are excelling. I sure hope that this is not the precursor to a hot harvest season. Are we gonna escape heat by being early? Get all the Aurora fruit in before too cold and rainy? Wishful thinking? Let's just hope that the SWD is a bit further behind, although I am certain it will also be in force early.

Northern Washington, Whatcom County (Monday, 5/18)

- **Blueberries:** High humidity is rewarding those with a timely spray PROGRAM. Things continue to move along with warm nights and even warmer days. Most fields I have observed, seem to be OK with fruit -to-leaf ratio. But I am not seeing the majority of fields here, either, so it could be more prevalent than I am aware. Many are scrambling to get irrigation going. No one remembers starting this early. Yet another interesting year!! (Aren't they all!??)

Eastern Washington

- **Blueberries:** (Monday, 5/18) I saw the first color in Dukes this past week. The Roza irrigation district in the Yakima Valley has junior water rights and is receiving only 38% of its allocation of water this growing season and an important blueberry growing region. The growers requested that the District temporarily shut off its water for this period of the season to conserve water for more pressing needs later in the season. Just after the irrigation water was shut off, the region receive about one sixth of its total seasonal rainfall in a near record rainfall for May. It could not have been more beautifully timed.
- **Blueberries:** (Monday, 5/18) Big storm last Wednesday dumped an inch plus of rain and knocked off leaves and flower clusters in some areas. Finally saw some purple dukes, and temps in the 80's the rest of the week should speed things up. Lots of **green immigrant weevils** in some areas.
- **Editor's note on weevil:** *The weevil on the right (or a close relative) has been seen in regional blueberry fields over the last few of years. Whether it's doing economic damage is unknown. We had some I.D.'d by the Oregon Dept of Ag in 2013 and they came back as *Polydrusus impressifrons* ([Pale Green Weevil](#)). Green immigrant weevil is *Polydrusus formosus*, which is what was identified from British Columbia fields. Not sure it matters—they're two very closely related species and we could have both of them out there---just trying to keep our entomologists on their toes! For those of you who might care about this, here's the [Bugguide.net](#) link for distinguishing them: [Go here](#).*



Western Oregon, Willamette Valley

- **Strawberries**
 - [Go here](#) for the Oregon Strawberry Commission's Fresh Strawberry Market Bulletin for 5/12/15.
 - **Day neutral:** (Monday, 5/18) Harvest is ongoing now in Albions. Good looking fruit. Slug damage is a problem.
 - **June bearing:** (Monday, 5/18) Some Hoods are picking. Just getting started this week. Cool, mild weather has been good for sizing the fruit.
- **Blueberries:** (Monday, 5/18) As commented above, while the overall crop is in excellent shape, we are seeing more plants out of balance this year trying to set too many berries for the amount of vegetative growth they have. Seems likely due to our very warm & mild early season. Below are some comments from OSU berry horticulturist, Dr. Bernadine Strik on what's going on & what to do about it (basically—not much right now). We're still looking at an early June start for Dukes. First color is now showing.

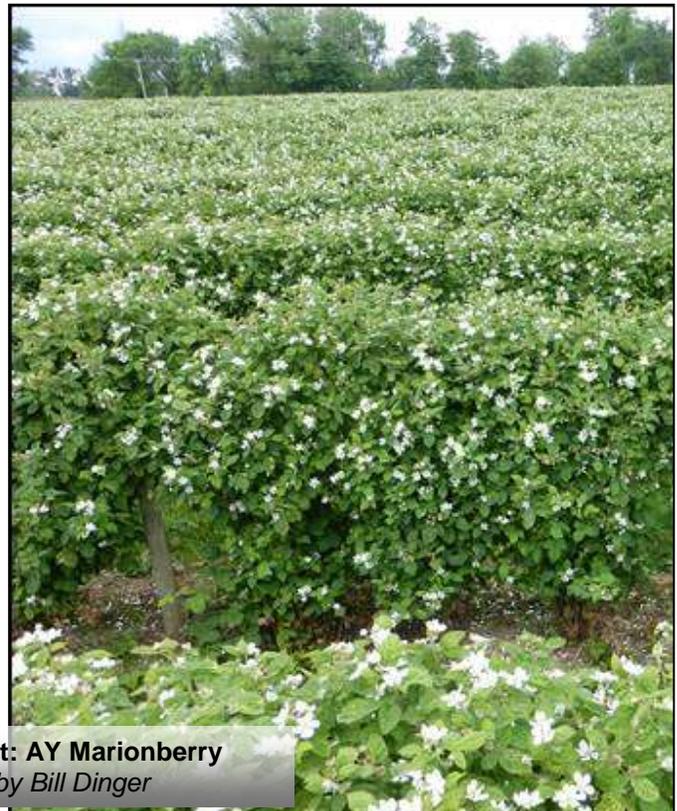
Comments on blueberry plants that presently have too much fruit set in relation to vegetative growth from Bernadine Strik, OSU Berry Horticulturist:

- Based on my experience and some research to back this up, the key time to strip plants to balance fruiting with vegetative growth is from dormancy (pruning time) to late bloom (stripping blossoms).
- The early phase of berry growth (initial fruit set through embryo development which occurs just before the berry changes color) is a very high energy demanding process.
- In contrast, final berry sizing which is mainly a result of cell expansion (water) is less energy demanding.

- Thus removing green fruit would have relatively little impact on improving vegetative growth compared to the impact winter pruning or stripping flowers earlier would have.
- Of course, there might be a little impact if it were done very early, but considering the high labor needs to strip at this stage, I can't see it being worth it.
- Plants with a poor leaf to fruit ratio will have fruit ripen later (an interesting thought in an otherwise early year), be relatively small in berry weight, and tend to have lower fruit quality (particularly sugar content).
- New shoot growth will be delayed and there will be fewer flushes of growth. Adding more fertilizer during fruit development will not fix this problem (just in case some are wondering).
- With less and delayed shoot growth, growers who see this problem should expect less fruit bud set for next year's crop.
- In addition, poor vegetative growth will likely make pruning choices more difficult for next winter. Growers should expect more labor to prune as a result and should avoid the inclination to prune "lightly" – generally plants need a good pruning after this type of year to bring them to a stage in 2016 when they can be more vegetative.

Western Oregon, Willamette Valley

- **Blackberries:** (Tuesday, 5/19) Marions in general are full bloom today, cold damaged fields are holding up pretty well so far. Black Diamonds still blooming and will be for at least another week. Still not sure what happened to the Black Diamonds, early fruit spurs are short and later ones that have not bloomed yet are very long which will make for a spread out harvest. Water going in some black fields, not sure if it's a good idea with bloom but probably need the moisture more than any potential harm. Planting, tying and bloom sprays ongoing. Chemical companies with SWD traps in fields are reporting very high numbers.



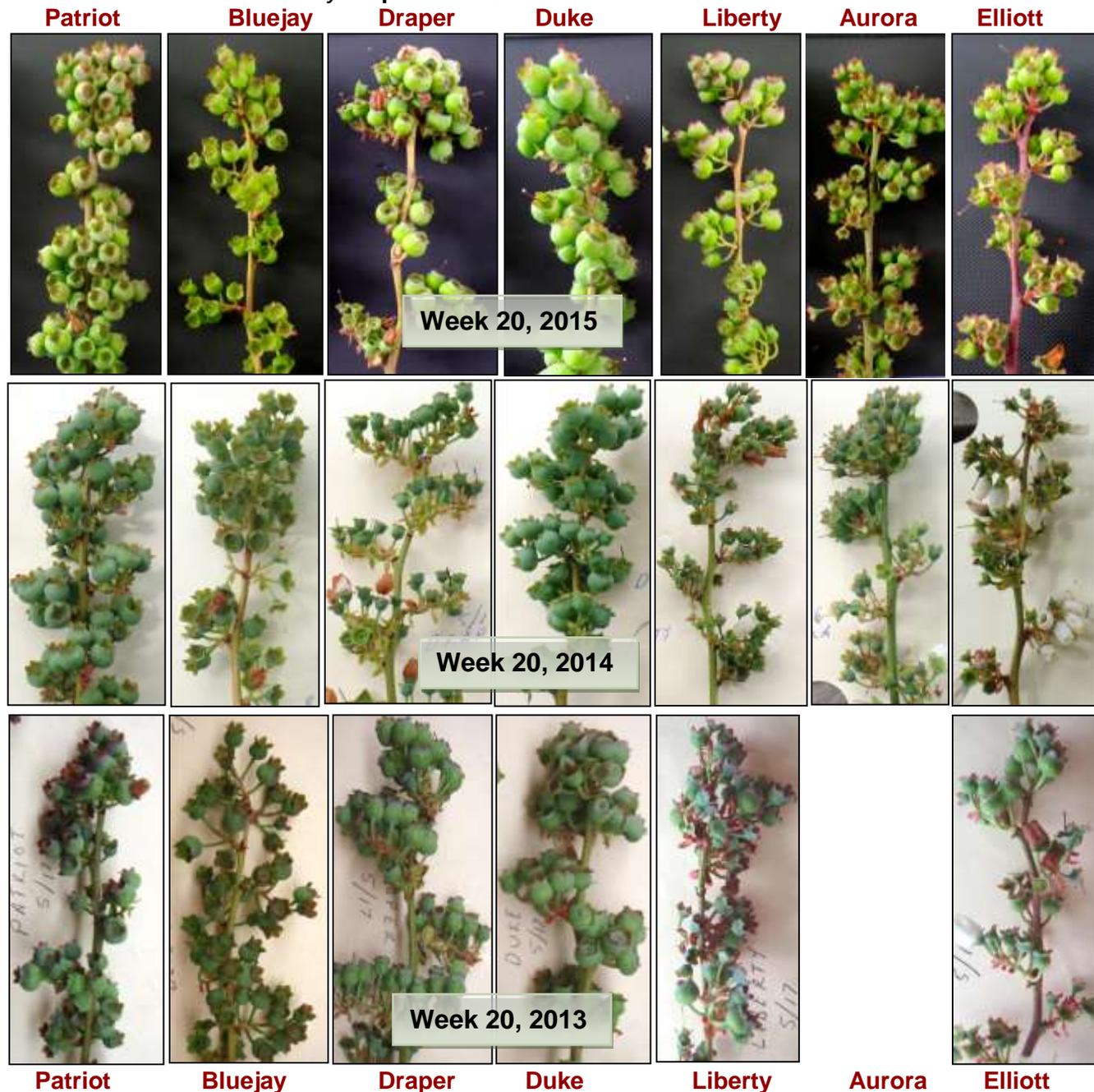
Left: AY Boysenberry Right: AY Marionberry
May 15, 2015 Photos by Bill Dinger

Blueberry Bud Development Comparison for the Western Willamette Valley

Protocols for these photos: 1) Each Friday I take 5-7 cuttings from the same fields in the NW Willamette Valley. 2) Later in the day I look over the cuttings and choose what seems the most 'representative' (not the most advanced or the least advanced). I'm aiming for the development stage that best represents the fruit that would be the first

harvested. We continue to be ahead in development over the last two years although that difference has moderated with the cooler weather.

Northwestern Willamette Valley Top – 5/15/15 Middle – 5/16/14 Bottom – 5/17/13



Industry news/resources

Newsletters/ berry reports

- [BC Blueberry Council IPM Report](#) (5/15)
- [Oregon Strawberry Commission's Fresh Market Strawberry Bulletin](#) (5/12)
- [Whatcom Ag Monthly](#) Produced by WSU Whatcom County Extension. Includes excellent berry crop information.
- [National Berry Report](#) Daily fresh market berry reports. Hosted by the California Strawberry Commission, this report is generated from data from the USDA Agricultural Marketing Service and is updated daily.
- [Market Report from General Produce for Week 20](#) (5/18)
- [The Source](#) (5/18) Produce marketing news from Pro*Act. They've upgraded their reporting system. Pretty neat!

Magazine/website compilations

- The Packer: [blueberries](#), [blackberries](#), [raspberries](#), [strawberries](#).
- **Growing Produce:** [recent berry articles](#).
- **Fruitnet-Eurofruit:** [recent berry articles](#).
- **Fresh Fruit Portal:** [blueberries](#), [blackberries](#), [raspberries](#), [strawberries](#).

Berry research blogs

- [Strawberries and Caneberries](#) by Mark Bolda, UC Davis Berry Extension Agent. **Recent entry: (5/12)**
Phyllody on strawberry *Reports on recent insect and disease research and observations in California.*
- [Team Rubus](#) by Gina Fernandez, North Carolina State Small Fruit Specialist *Reports on issues in blackberries and raspberries from the Southeast.*

Climate/Water

- [Drought relief, at last? New signs point to strengthening El Nino](#) (5/15, Los Angeles Times)
- [El Nino near-certain to last through summer: U.S. climate center](#) (5/15, Reuters)

Washington

- [Washington drought will cost ag \\$1.2 billion in lost income](#) (5/15, Capital Press)
- [Washington State University launches new drought website](#) (5/8, Growing Produce)
- [Rain eases drought but not much](#) (5/14, Capital Press)

California

- [Round 2 of cold, windy storms sweeps into Southern California](#) (5/15, Capital Press)
- [Late season rain and snow hits California](#) (5/14, Andnowyouknow)

Research

- [Scientists pursue gene-disrupting pesticides \(for SWD management\)](#) (5/16, Capital Press)
- [Organic food industry to ask USDA for checkoff referendum](#) (5/12, Farm Futures)

Pollination

- [Beekeepers lost 40% of bees in 2014-15](#) (5/14, Growing Produce)
- Michigan: [Pollination and pollinator information available through MSU Extension](#) (5/15, MSU Extension)
- [With bloom in site, media focuses on honeybee populations](#) (5/15, FGN)
- [What fewer bees means to food prices](#) (5/14, Bloomberg News) *2 minute news video.*

Marketing

- [Consumers love to sing the blues](#) (5/14, The Produce News)
- [U.S. consumers believe organic means healthier](#) (5/13, ITF)

The West

British Columbia

- [BC blueberry growers set for one of earliest starts](#) (5/15, Fresh Fruit Portal)
- [British Columbia on its way to record blueberry crop](#) (5/15, Fresh Plaza)

Oregon

- [Oregon lacking 'ag in the middle'—mid-sized growers/processors that could help supply locally](#) (5/15, Oregonian)

North America

- [Louisiana begins blueberry harvest](#) (5/19, Fresh Plaza)
- [Southwest Michigan Fruit Report](#) (5/19, MSU Extension)

International

Mexico

- [Naturipe aims to become 'leading berry brand' in Mexican retailers](#) (5/14, Fresh Fruit Portal)

Spain

- [Plus berries expects to market 7,000 tons of berries](#) (5/15, Fresh Plaza)

Chile

- [Farmers constitute the Rural Bureau of Raspberry](#) (5/15, Fresh Plaza)

Week 21 Grower Resources

- [Taming field water drainage with technology](#) (1/29, Precision Ag)

- [Pointers on how to save money, increase sprayer efficiency](#) (5/15, Growing Produce)
- [Drones seen as a method to manage fruit production](#) (4/2, FGN)

Scouting Field Notes

Some informal notes of what we've been seeing & doing in the fields this week. All of this applies only to fields we're seeing. Don't expect it to be representative of what's happening in any other field.

Spotted Wing Drosophila

- Overall trap counts did go up some this week over last.
- While our fruit sampling hasn't turned up any drosophila larvae in strawberries, there are reports of larvae being found in some strawberries as well as Haskaps.
- We've been looking for alternate fruit host plants in field borders but there's just not anything producing potential breeding sites that we've found yet.
- Amy Dreves, OSU entomologist, reports that many of the female flies she's examined from traps are now producing viable eggs.

Blueberries

Fruit coloring in Earliblue, Duke, Reka...

First mummyberry infected fruit of the season was picked up.

[Silver leaf disease](#) symptoms are becoming obvious in some Drapers.

Leafroller and winter moth larvae being found in low numbers.

Hives are in the process of being removed from fields.

Some fields/varieties showing an imbalance of fruit to leaves with way too much fruit set to be able to size.

Dukes and Liberty seem the most affected cultivars but some in many other varieties also.

Strawberries

- Slugs are doing the main damage to coloring fruit seen this week.
- Where not treated, spittle bug numbers are up. This is ideal weather conditions for them.
- Bloom is finishing up in quite a few June bearer fields.
- So far no SWD larvae in the baggie tests we've been doing.
- Aphids...also perfect conditions for them.

Pest Alerts

Scout for: [Silver leaf disease](#) symptoms in **blueberries**.

This is a recently identified disease that has so far been confirmed only in a few Draper variety fields in western Oregon.

Scout for: Green Berry Botrytis Fruit Rot, blueberries

Photos on are from the 5/24/13 Blueberry IPM Newsletter published by [E.S. Cropconsult](#) for the [BC Blueberry Council](#).

- We're seeing and getting reports of green fruit botrytis over the week.
- Fungicide treatments are of limited efficacy in controlling the infections at the green fruit stage.
- To paraphrase OSU plant pathologist, Jay Pscheidt: The best treatment right now is warm, dry weather.

Blueberry Ripe Fruit Diseases—Time now to prevent

Time for preventative fungicide applications: Alternaria Fruit Rot

As blueberry bloom starts to finish, it's time to consider whether you need to prevent Alternaria and Anthracnose problems from showing up in the fruit. Alternaria can infect the fruit beginning at the end of bloom and throughout the



Photo by C. Teasdale

fruit development stage, up until harvest. Infections remain latent until the fruit ripens. Infected fruits exhibit a shriveling or caving-in of the side of the berry and become watery in storage.



Photos by Caroline Teasdale

Time for preventative fungicide applications: [Anthracnose Ripe Rot](#)

If you've had problems with Anthracnose, prevention of a reoccurrence begins at petal fall. Symptoms: First, blighting of shoot tips; then, a few flowers turn brown or black. Leaf spots, when they occur, are large or small and roughly circular. As infected berries ripen, the flower end may soften and pucker. Under warm and rainy conditions, salmon-colored spore masses form on infected berries. After harvest, spore masses form rapidly on infected fruit when in cellophane-covered baskets or in plastic clamshell packs.



Photos by Caroline Teasdale

Time to scout for & treat if needed: [Yellow Rust Raspberries](#)



Stages of Yellow Rust (from left) spermatogonia, aecia, uredinia: It has not yet reached the uredinia stage.
 (Middle photo by Carolyn Teasdale, others by Tom Peerbolt)

- Yellow rust is now moving through its spore stages from yellow/orange colored ‘blisters’ (spermagonia) on the top surface of leaves to a very visible, almost day-glow orange/yellow spore stage (aecia) and, in southern regional fields, the fourth spore stage (uredinia).
- This fourth spore stage (uredinia) appears later in the season as yellow ‘dust’ on the bottom of leaves. This last stage is the one that multiplies quickly & can quickly defoliate canes if left untreated.
- Evaluate disease incidence and stage to determine whether (& when) fungicide applications are warranted.

Time to Scout for: [Scorch virus](#) Blueberries

- Symptoms are becoming visible.
- This disease is vectored aphids.
- *There is no treatment or cure. Infected bushes never return to productivity & should be removed ASAP.*
- **The BC Blueberry Council is accepting samples for the free Scorch & Shock testing program.** For more information call Karina Sakalauskas, Research Coordinator for the BC Blueberry Council (604) 613 2133 or [click here](#) to email her.

Time to scout for: [Shock virus](#) Blueberries.

- Symptoms are visible in many area fields.
- This disease is vectored by pollinators.
- There is no treatment or cure.
- Infected bushes generally display symptoms for one year and then return to productivity.

Time to scout for and evaluate if management action is needed:

[Powdery Mildew](#) southern strawberries.

- Dry, warm, humid conditions favor powdery mildew in strawberries. *(Photos by Tom Peerbolt).*



Time to scout for and prevent: [Mummyberry](#), blueberries.

Fields at risk should have a protective fungicide on the susceptible tissue at this time to minimize infections.

- [Managing mummy berry shoot strike infections](#) (MSU Extension, 5/3/13) Great charts on effectiveness of fungicide choices and on weather variables that favor infections.
- [Mummyberry primer from MSU.](#)

Time to scout for and evaluate if management action is needed: [Yellow mites](#), raspberries

- This early season mite is smaller and paler than two-spotted mite and has less webbing.

Time to scout for and evaluate if management action is needed: [Blackberry Rust](#) (Phragmidium Rust) Evergreen blackberries

- This disease is of economic threat to only to Evergreen blackberries where it can be devastating. *There are reports of it being present in fields at this time.* Treatment is recommended. Rally (myclobutanil) is particularly effective.

Ongoing Pest Information

- **Scout for:** [Azalea Bark Scale](#), **blueberries.** This scale's telltale bright white egg sacs on the lower branches of infested plants are now apparent in some southern blueberry fields.
- **Scout for:** [Raspberry Beetle](#), **northern raspberries.** This small beetle can cause fruit damage and be a major contaminant in northern raspberry fields.
- **Scout for:** **Root Weevils, strawberries.** Larvae & adults of [Black Vine](#), [Rough Strawberry](#), [Strawberry Root Weevils](#) are now being recovered from some strawberry fields.
- **Scout for:** [Blueberry Gall Midge](#), **southern blueberries.** Tip damage from this midge is showing up in blueberries. Damage is usually deemed to not be economic except in specific situations like new vigorous fields where gall midge can occasionally cause too much stunting of new growth.
- **Prime Time to Scout for:** **Mites in raspberries (northern growing areas):** [Twospotted mites](#) [Yellow mites](#)
- **Prime Time to Scout for:** [Winter Moth/Bruce Span Worm](#) **blueberries**
- **Prime Time to Scout for:** [Clay Colored Weevils](#) **northern raspberries & blueberries:** This early emerging species is a pest in northern growing areas where it feeds on newly emerging shoots and buds.
- **Prime Time to Scout for:** [Strawberry Crown Moth](#) **southern strawberries:** As plant growth resumes, plants weakened by SCM can be spotted. Infested plants will had a weakened crown and often will break off with a pull on the top growth.

Crop Work

All crops

- Vole management.
- Weed management.
- Fertilizer program.
- Can put out monitoring traps for spotted wing drosophila.

Blueberries

- Apply bloom applications to prevent fruit molds.
- Treat for [Mummyberry](#) as needed.
- Scout for virus symptoms & send in samples for testing as needed.
- Scout for [leafroller larvae](#) feeding.
- Scout for virus symptoms & send in samples for testing as needed ([Shock virus](#); [Scorch virus](#)).
- Scout for [winter moth/Bruce spanworm](#) larvae.
- Scout for scale insects.
- Scout for weevil notching.
- Scout for [azalea bark scale](#) in southern blueberries
- Scout for [blueberry gall midge](#) damage.
- Can apply fungicides for fruit/blossom rot from 10% bloom through the end of bloom.
- After petal fall, can treat for [alternaria](#) and [anthracnose](#) prevention if needed.

Blackberries

- Bring in bees around 10% bloom.
- Apply bloom applications to prevent fruit molds.
- Scout for virus symptoms & send in samples for testing as needed.

Evergreen Blackberries

- Scout for and treat as needed for [blackberry rust](#).

Raspberries

- Burn back primocanes as needed.
- (northern areas) Scout for [clay colored weevil](#) feeding and treat as needed.
- Scout for [twospotted mites](#).
- Scout for virus symptoms & send in samples for testing as needed.
- Can apply a phosphite material for stronger root growth and root rot prevention.
- Scout for [yellow rust](#) and assess treatment options.
- Scout for [spider mites](#) and treat as needed.
- Bring in bees around 10% bloom.
- Can apply fungicides for fruit/blossom rot from 10% bloom through the end of bloom.

Strawberries

- (Southern strawberries) Can scout for [strawberry crown moth larvae](#).
- Scout for weevil notching.
- Can apply fungicides starting at 10% bloom to prevent fruit mold
- Scout for weevil adults and notching.
- Can apply slug bait.
- Scout for [powdery mildew](#) and treat as needed.
- Scout for [two spotted spider mites](#) and predatory, beneficial mites.
- Scout for [aphids](#).

Northwest Berry Nutrient Management Guides

- [Nutrient management in blueberries](#) (OSU)
- [Nutrient management in caneberries](#) (OSU)
- [B.C. interactive berry management guides](#)
- [June bearing strawberries fertilizer guide](#) (OSU)
- [Growing day-neutral strawberries in Western Washington](#) (WSU)

Degree Day Updates

- [WSU Extension—Whatcom County](#)
- [Regional sites—Updated by Len Coop, OSU-IPPC](#) *click on the link, go to right hand column & click on the Degree day icon.*

Events

Upcoming Regional Events & Commission Meetings

[Go here for Full Event Calendar](#)

Regional Open House Field Day Events

- **New Posting:** June 8 — British Columbia Blueberry Council Field Day. 12:30-3:00 [Go Here](#) for details.
- June 10 — OSU Strawberry Open House. 1-4:30 [Go here](#) for details.
- July 1 — OSU Caneberry Open House 1-5:00 Details TBA
- July 8 — OSU Blueberry Open House 1-5:00 Details TBA
- **New Posting:** August 18 — Oregon Strawberry Commission Fresh Strawberry Plasticulture Workshop and Demonstration 9:30-5:00 [Go here for the agenda](#).

Upcoming National & International Berry Events

- **May 18-19 — National Processed Raspberry Council** ~ Semiahmoo Resort in Blaine, WA. [Go here](#) to make hotel reservations or call phone 360-318-2000. Be sure to identify yourself as part of the National Processed Raspberry Council. For more information, please contact Tom Krugman, 360-354-0948, TKrugman@redrazz.org

- **June 18-24 — Eleventh International Rubus and Ribes Symposium** ~ Charlotte & Asheville, North Carolina. [Go here](#) for their website with all the details.
- **September 7-9 — 5th Annual International Blueberry Organization Summit** ~ Coffs Harbor, Australia. [Go here](#) for meeting information.
- **September 13-16 — International Symposium on Mechanical Harvesting & Handling of Fruits and Nuts** ~ Richland, Washington. [Go here](#) for meeting information.
- **New Posting: October 13-15 — 6th Biennial Berry Health Benefits Symposium** ~Madison, Wisconsin. [Go here](#) for all the details.

Archived Small Fruit Updates

(For older Updates [go here](#).)

[20-SFU05-13-15](#)

[19-SFU05-6-15](#)

[18-SFU04-29-15](#)