

Peerbolt Crop Management News & Opinions

Seasonal updates sent out weekly during the growing season, and sporadically when we have news & opinions to share during the off-season. ~ *Tom & Anna Peerbolt*

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Strawberry harvest gets into full swing this week. The weather is looking dry and warm for the weekend then we might get a chance to see how well our fungicides work with some rain early next week.

Crops: Raspberries: 1) Apply foliar fertilizers. 2) Go on with fungicide for botrytis control every 7-14 days. 3) Treat for mites if needed. **Blueberries:** 1) Foliar fertilizers can be applied. 2) Apply fungicide for botrytis control (discontinue when bloom is finished). **Strawberries:** 1) Treat for mites if needed. 2) Treat for weevils if needed. 3) Control weeds in newly planted fields.

Chemical Updates: 1) Remember **Orbit** has a 30-day preharvest interval on raspberries. The cut off date for its use has passed for most fields. 2) **Rally** has been granted a Special Local Need (SLN) registration for control of powdery mildew in strawberries in Washington (haven't heard on Oregon yet but it should be forthcoming). Here are the details: 2.5 to 5 ounces per application with no more than 30 ounces per season. Restricted entry interval is 24 hours and PHI is 0 (zero) days. 3) **Saber (2,4-D amine)** has been granted a SLN registration in Oregon for control of broadleaf weeds in grass strips between blueberry rows. A lot of specific directions and restrictions on the label so read and use carefully. A 30-day PHI limits its immediate use. Restrictions include not using if temperatures are above 65.

Insect monitoring update: 1) **Mites** continue to be a major concern. Treatment thresholds can be reached in strawberries very fast this time of year. No raspberry mite levels have yet reached economically damaging levels. Oil treatments have been beneficial in keeping some populations low. 2) Adult **orange tortrix** trap numbers declined this week in caneberreries. The trap count decline is probably partially due to the cooler weather but could also be an indicator that our major orange tortrix hatch will happen in about two weeks. Larval orange tortrix populations remain very low. Major larval species in the fields are still OBLR and winter moth with some omnivorous leaf-tier found in Brush Prairie. 3) **Root weevil** adults are emerging. For planning purposes, I'm placing first adult emergence in the Ridgefield and Woodland areas around 5/10. Treatment for control of adults should take place immediately (assuming egg laying would start 21 days after emergence). LaCenter and Brush Prairie are about a week behind in development. A second treatment approximately 25 days later will be needed to control adults emerging after the first application. 4) **Cranefly** larvae were at treatable levels in two newly planted strawberry fields in the Ridgefield area and are present in a third. A similar problem was found in a Woodland field last year. It apparently occurs in fields that were previously pasture or unused. The larvae clip off leaves or entire plants at night and can be found by digging around the base of the damaged plants. Some have been sent to the Washington State entomologist Dr. Eric LaGaza for species identification.

Disease monitoring update: 1) **Rust**—Last week's wetter weather has led to an increase in rust in raspberries this week. The spore stage now becoming evident is on the underside of the leaves. This is the stage that multiplies very quickly and, if the weather turns wet, could lead to major problems during harvest. Fields that didn't have Orbit applications, weren't burned, or have a lot of primocane growth are most susceptible. 2) **Phytophthora root rot** --Symptoms are becoming more pronounced in raspberries as the weather warms up and fruit is being set. Leaves yellow and brown around the edges and some actual cane collapse is showing up.

Field Days: OSU North Willamette: Strawberry: June 13, 2:30-5:15 pm Agenda includes: Chemical updates, soil-applied weevil control, new fungicides, nitrogen uptake, breeding program update and herbicide alternatives. Call 503-678-1264 x 0 for more information. **WSU Puyallup:** Strawberry: June 15, 6-8 pm
