

Some Bugs and Blights of July-August

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Heuchera rust (top of leaf)
Small spots will increase and under moist conditions entire plants will "melt-down".



Heuchera rust (back side of leaves)
Remove infested leaves and remove the leaves; mulch the ground to prevent spores from blowing back onto the plant.



Potato flea beetles *Epitrix cucumeris*, *E. subcrinita*, *E. parvula* Beetles in yellow circle are about the size of coarse pepper; note tiny holes in leaves



Potato flea beetles can be abundant and very damaging to tomato, potato and other nightshade family plants. (Photo from <http://ento.psu.edu/extension/factsheets/flea-beetle>).



Unknown Cimbicid sawfly, note clubbed antennae and thumb-sized adult; similar to elm sawfly. Non-



Daylily gall midge: tiny white maggots feed inside bud causing the bud to be distorted

sting.



Current sawfly eggs



Current sawfly first hint of hatching



Current sawfly – early instar feeding



Current sawfly early feeding progresses to the point that there are only petioles left.



Current sawflies are gregarious feeders. Though called caterpillars Bt doesn't work on these members of the bee family. Look for a product to control sawflies or slugs (not real slugs). There is a sawfly specific to many hosts..

PNW Insect Management Handbook

<http://uspest.org/pnw/insects>

Select host, then pest

PNW Plant Disease Management Handbook on Line

<http://plant-disease.ippc.orst.edu/intro.aspx>

Read and Follow all pesticide label directions; they are your legal document for safe use of the product for your own health and that of the environment.



Current sawfly (*Nematus*

ribesii) mature larvae (note tail end can curl up like a monkey tail) and adult. Sawflies are fussy eaters and host specific.



Hortsense <http://pep.wsu.edu/hortsense/>

Select host category (small fruit), then select specific plant (currant & gooseberry), then select insect, then imported currantworm

Google Images: keyword plant and pest group or name of insect or disease

Keep pesticides off blooming plants (where it may contaminate pollen and be picked up by bees and kill off the hive, or enter water and damage fish or the insect food they need to thrive.

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