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







Currant sawfly first hint of hatching



Currant sawfly - early instar feeding

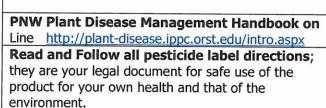


Currant sawfly early feeding progresses to the point that there are only petioles left.



Currant 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





Currant 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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