

(revision date:3/10/2017)

Azalea: Obliquebanded leafroller

Use Integrated Pest Management (IPM) for successful plant problem management.

Biology

Obliquebanded leafrollers are usually found on the new growth. Their presence can be determined by rolled leaves held in place with webbing. The smooth green caterpillars, about 3/4" long, can be found feeding inside the rolled leaves. The adult is an orange-brown moth approximately 1/2" long and bell shaped from above when at rest.

Management Options

Non-Chemical Management

- ~ Naturally-occurring parasites and predators including birds and predaceous ground beetles will help control leafroller populations.
- ~ Pinch leaves to kill individual leafrollers.

Select non-chemical management options as your first choice!

Chemical Management

IMPORTANT: Visit Home and Garden Fact Sheets for more information on using pesticides

Apply when larvae are present and feeding. Sevin (carbaryl) is particularly dangerous to honeybees since it does not immediately kill them. They return to the hive with the poison and distribute it within. Therefore avoid carbaryl if at all possible if there is a chance of pesticide drifting onto nearby blooming plants. Bacillus thuringiensis (Bt) will control leafrollers only if they are actively feeding. Use a spreader-sticker with liquid Bt formulations.

Listed below are examples of pesticides that are legal in Washington. Always read and follow all label directions.

- ~ Bonide Systemic Insect Control
 - active ingredient: acephate
 - EPA reg no: 239-2461-4
- ~ ferti-lome Dipel Dust
 - active ingredient: *Bacillus thuringiensis subsp. kurstaki*
 - EPA reg no: 7401-290
- ~ GardenTech Sevin Conc Bug Killer
 - active ingredient: carbaryl
 - EPA reg no: 264-334-71004
- ~ Safer Brand Caterpillar Killer for Trees, Shrubs & Vegetables Conc II [Organic]
 - active ingredient: *Bacillus thuringiensis subsp. kurstaki*
 - EPA reg no: 70051-106-42697
- ~ Safer Brand Caterpillar Killer/Trees, Shrubs, & Vegetables Conc
 - active ingredient: *Bacillus thuringiensis subsp. kurstaki*
 - EPA reg no: 42697-23
- ~ This list may not include all products registered for this use.

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Images



~ Caption: Azalea leafroller larval damage on flowers
~ Photo by: A.L. Antonelli



~ Caption: Obliquebanded leafroller adult
~ Photo by: J.F. Brunner