

(revision date:2/14/2019)

Filbert: Filbert leafroller

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

Biology

The filbert leafroller is a greenish caterpillar with a light to dark brown head. The caterpillars are about 3/4" long at maturity. They feed inside webbed or rolled leaves, typically near the shoot tip. They may also feed on buds. The adult moth is 1/2" to 3/4" across and has light brown to buff wings with darker markings. The filbert leafroller is also called the European leafroller and will also feed on apple, cherry, pear, and hawthorn.

Management Options

Non-Chemical Management

- ~ Pick out and destroy rolled leaves and nests with caterpillars, when practical.
- ~ Pinch rolled leaves to kill caterpillars.
- ~ Encourage natural enemies of caterpillars including birds, parasitic wasps and flies, and predacious beetles. Avoid use of broad-spectrum insecticides which kill beneficial insects.

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 in early spring when caterpillars are first noticed and before leaves are rolled. Apply Bt only when caterpillars are feeding. Use a spreader-sticker with liquid Bt formulations. Homeowners should not make foliar applications to trees over 10 ft tall. Consult a commercial pesticide applicator for treatment of trees and shrubs over 10 ft. tall.

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

- ~ Bonide Thuricide BT Conc
 - active ingredient: *Bacillus thuringiensis subsp. kurstaki*
 - EPA reg no: 4-226
- ~ Bug Buster-O [Organic]
 - active ingredient: pyrethrins
 - EPA reg no: 1021-1771-54705
- ~ This list may not include all products registered for this use.

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Images



~ Caption: Leafroller larva and damage
~ Photo by: K. Grey



~ Caption: Leafroller pupa and damage
~ Photo by: K. Grey



~ Caption: Leafroller pupa
~ Photo by: K. Grey



~ Caption: Leafroller adult
~ Photo by: K. Grey



~ *Caption: Leafroller damage*
~ *Photo by: K. Grey*