

# Pest Alert

# Bagworms

## Bagworms Target Over 100 Different Plants



Bagworms are a relatively common pest that affects over 100 different types of plants. Plants commonly attacked by bagworms include evergreens like arborvitae, fir, hemlock juniper pine and spruce. Bagworms also feed on deciduous trees including sweetgum and sycamore.

Most gardeners notice bagworms when they see the distinctive cone-shaped bags in which the insects pupate. However, controlling bagworms once they spin these cocoons is less effective than an earlier treatment.

Effective control of bagworms using insecticides is dependent on the timing of application of the products. Applying too early or too late will reduce the effectiveness of insecticide controls. The best time to treat for bagworm larvae in most areas is from late May until mid-June. This is when the hatching larvae are most susceptible to insecticides.

Gardeners have a number of good choices for controlling bagworms. Fast acting insecticides including **Bonide Caterpillar Killer**, **Eight®** brand products, **Malathion** and **Systemic Insecticide** all are effective insecticides for bagworms. If you are looking for a natural insect control that's extremely effective, choose **Bonide Captain Jack's Deadbug Brew**. This unique insecticide contains Spinosad® insecticide and is an effective natural control for bagworms.

### Bagworm Facts:

- Bags are actually cocoons where the larvae develop into adults
- Only the adult male flies
- New cocoons can be very hard to spot due to excellent camouflage
- *The timing of an insecticide application is critical for good control – Late May to Mid-June*
- Damage from bagworms can include complete defoliation of trees which can cause death of evergreen species
- Hatching of bagworm eggs coincides with the blooming period of Catalpa trees and Japanese Lilac trees

### Bonide Bagworm Products



Caterpillar Killer RTS	Eight Brand Products	Malathion and Systemic Insect	Captain Jack's Products
<ul style="list-style-type: none"> <li>• Kills caterpillars on contact</li> <li>• Can last up to 8 weeks</li> <li>• Excellent bagworm control</li> <li>• <b>"Twist &amp; Shoot"</b> sprayer reaches up to 25 ft.</li> <li>• Stops feeding immediately</li> <li>• Lambda Cyhalothrin</li> </ul>	<ul style="list-style-type: none"> <li>• Provides protection against insects for up to 4 weeks</li> <li>• Contact and residual control</li> <li>• Kills over 100 insect species</li> <li>• Acts fast</li> <li>• Water based formulation</li> <li>• Permethrin</li> </ul>	<ul style="list-style-type: none"> <li>• Malathion</li> <li>• Use on ornamentals and trees</li> <li>• Economical concentrate</li> <li>• Fast acting</li> <li>• Systemic</li> <li>• Absorbed by plants</li> <li>• Works Fast</li> <li>• Acephate</li> </ul>	<ul style="list-style-type: none"> <li>• All natural Spinosad® product</li> <li>• Acts fast on bagworms</li> <li>• Can be used on all ornamentals</li> <li>• Available as concentrate, RTU and RTS as well as dust</li> <li>• Spinosad</li> </ul>