

# Pest Alert - Grasshoppers

## Summer Grasshopper Invasion Expected



### Grasshopper Facts:

- Grasshoppers are expected to invade some western states in large numbers this summer.
- Grasshoppers hatch from eggs and begin feeding immediately.
- Grasshoppers feed on any and all plant species and are extremely destructive in large numbers.
- *Grasshoppers are more easily controlled by insecticides when they are small (May-June) than when they are larger later in the life cycle.*
- Grasshoppers are chewing insects. They are well controlled using either a contact or a systemic insecticide.
- Grasshopper swarms are cyclic and their numbers rise and fall based on food availability and weather conditions.

Homeowners and farmers across the West are bracing for a grasshopper infestation that could devastate millions of acres of crops and grazing land, and damage home gardens, trees and plants. Federal officials say grasshoppers will likely hatch in bigger numbers than any year since 1985, when hungry swarms caused hundreds of millions of dollars in damage when they devoured corn, barley, alfalfa, beets—even fence posts and the paint off the sides of barns.

A federal survey of 17 states taken last fall found critically high numbers of adult grasshoppers in parts of Idaho, Montana, Nebraska, South Dakota and Wyoming. Each mature female lays hundreds of eggs. So "the population could be very, very high this year," said Charles Brown, who manages grasshopper suppression for the U. S. Department of Agriculture.

Bonide Products offers a number of effective insecticides to control this destructive pest. Bonide offers both traditional and natural insect controls to suppress the invasion of grasshoppers around homes and in gardens.

**We offer a great selection of BONIDE products in our store.**

## Bonide Grasshopper Control Products



### Beetle Killer

- Contains Lambda Cyhalothrin
- Quick contact action
- Easy to use RTS
- Vegetable approved

### Caterpillar Killer

- Contains Lambda Cyhalothrin
- Lasts up to 8 weeks
- Economical
- Easy to use RTS

### Total Pest

- Contains Permethrin
- Also kills ticks
- Long Lasting
- Economical
- Makes 40 gallons

### Systemic Insect Control

- Contains Acephate
- Long Lasting
- Economical
- 1 Tbs. /gal.
- Foliar, soil, root spray

### Eight® Insect Controls

- Contains Permethrin
- Quick contact action
- RTU, RTS and Conc.
- Effective on larger insects
- Stops feeding fast

### Malathion

- Economical
- 2 Tsp. /gal covers up to 3500 sq ft.
- Can be used with tank sprayer, hose end sprayer or watering can