

(revision date:3/10/2017)

## Broccoli, Cole crops: Thrips

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

### **Biology**

Thrips are tiny (1/20" or less), elongate, yellowish to dark insects. Thrips feeding can result in whitish stippling or streaking of leaves. Buds may be damaged, resulting in misshapen plant parts. Thrips are an occasional problem in cabbage.

### **Management Options**

#### **Non-Chemical Management**

- ~ Predacious thrips, green lacewing larvae, and minute pirate bugs are important predators of plant-feeding thrips. Avoid use of broad-spectrum insecticides which kill these and other beneficial insects.
- ~ Control weeds, which can be important alternate hosts for plant-feeding thrips.

*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 products according to label instructions when thrips or early damage is first observed.

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

- ~ Bonide Captain Jack's Deadbug Brew R-T-U [Organic]
  - active ingredient: *spinosad (spinosyn A+D)*
  - EPA reg no: 4-472
- ~ Bonide Eight Insect Control Garden & Home R-T-U
  - active ingredient: *permethrin*
  - EPA reg no: 4-406
- ~ Bull's-Eye Bioinsecticide
  - active ingredient: *spinosad (spinosyn A+D)*
  - EPA reg no: 62719-314-56872
- ~ Safer Brand BioNEEM Multi-Purpose Insecticide & Repellent Conc [Organic]
  - active ingredient: *azadirachtin*
  - EPA reg no: 70051-6-42697
- ~ Safer Brand Insect Killing Soap with Seaweed Extract II [Organic]
  - active ingredient: *potassium laurate*
  - EPA reg no: 42697-59
- ~ This list may not include all products registered for this use.

*Broccoli, Cole crops: Thrips*

*Images*



~ Caption: *Thrips damage on pea*  
~ Photo by: *A.L. Antonelli*



~ Caption: *Thrips*  
~ Photo by: *Unknown*