



COMMON CATERPILLARS OF OHIO SOYBEAN

Defoliation is common and occurs when insects feed on soybean leaves. Some of the most common insect defoliators of soybean are caterpillars, though this feeding is only sometimes economic. Below are some caterpillars commonly found in Ohio soybean fields.



Amy Raudenbush

**GREEN
CLOVERWORM**



Clemson University - USDA Cooperative
Extension Slide Series, Bugwood.org 1233016

**SOYBEAN
LOOPER**



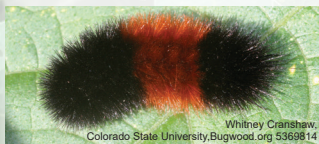
Amy Raudenbush

**SILVERSPOTTED
SKIPPER**



Ron Hammond

**THISTLE
CATERPILLAR**



Whitney Cranshaw,
Colorado State University, Bugwood.org 5369814

**WOOLLYBEAR
CATERPILLAR**



Suranga Basnagala

**SALTMARSH
CATERPILLAR**

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OHIO SOYBEAN
COUNCIL

SOYBEAN DEFOLIATION

Soybeans are able to withstand certain levels of defoliation before injury becomes economic and treatment is necessary.

THRESHOLD LEVELS

V1 - R2

Vegetative
- bloom



30%

R3 - R5

Pod development
- pod fill



10%

R6

Full seed



15%

HOW TO DETERMINE WHEN TREATMENT IS NECESSARY:

- Check **at least 5** locations throughout the field and determine a defoliation average.
- At each location, estimate percent defoliation for the **entire plant** including upper, middle, and lower canopy.
- Check to see if the responsible **pest is still present**.

Only consider insecticide applications if the field average is at threshold and pest is present.

Written and designed by:

Amy Raudenbush, The Ohio State University
Kelley Tilmon, The Ohio State University

