

# Soybean Foliar Feeders

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## Standard Thresholds for Soybean Insect Defoliation

Soybean Development	% Defoliation
Pre-bloom (i.e., vegetative stages)	30%
Bloom to pod-fill	15%
Pod-fill to maturity (unless pod feeding observed)	25%



**Bean Leaf Beetle**



**Japanese Beetle**



**Western Corn Rootworm**



**Mexican Bean Beetle (larva and adult)**



**Redheaded Flea Beetle**



**Grasshopper**

## Estimating Defoliation

Scout 10 areas of the field.

From 5 plants in each area, pick trifoliolate leaves that are fully expanding from the middle of the plant canopy.

Discard the least and most damaged leaflet from each trifoliolate collected.

Compare the remaining leaflet to the pictures on the right.

Follow the defoliation thresholds in the table provided.

