

SOYBEAN INSECT CONTROL

Conserve Natural Enemies: Reserve broad spectrum insecticides for late season use. Broad spectrum insecticides disrupt beneficial insects and spiders which suppress insect pest populations.

Insect Control Termination: Generally, insect control can be terminated for foliage-feeding caterpillars, kudzu bugs, and stink bugs at R6 + 7 days (R6.5). The R6 growth stage is defined as: full seed, pod contains a green seed that fills the pod cavity at one of the four uppermost nodes on the main stem with a fully developed trifoliolate leaf. R7 is defined as beginning maturity, one normal pod on the main stem that has reached mature pod color, normally brown or tan depending on variety. When terminating insect controls, insect populations should be below threshold levels.

SWEEP NET: If using a 15" diameter sweep net, take several 25-sweep samples in each field, the following treatment threshold levels can be used:

<u>Pests</u>	<u>Average # Per 25 Sweeps</u>
Kudzu Bugs (immatures)	25
Corn Earworms	5
Green Cloverworms	38
Soybean Loopers	19
Stink Bugs	
(bloom to mid-pod)	3
(mid-pod to maturity)	9
Three-cornered Alfalfa Hoppers	50
Velvetbean Caterpillars	38

GROUND CLOTH: If using a ground cloth, make several 3-ft examinations for each 20 acres being surveyed.

<u>Pests</u>	<u>Average # Per Row Foot</u>
Corn Earworms	2
Green Cloverworms	8
Soybean Loopers	8
Stink Bugs	
(bloom to mid-pod)	0.33
(mid-pod to maturity)	1
Three-cornered Alfalfa Hoppers	6
Velvetbean Caterpillars	8