

# **IMPACT OF LYGUS ON CROPS - STRAWBERRY**

**Frank G. Zalom<sup>1</sup>**

## **HOW ARE POPULATIONS OF LYGUS SAMPLED OR MONITORED?**

Lygus are monitored using a beating tray or a suction machine. There is a degree-day model that can be used to time treatments to nymphal peaks.

## **WHAT ARE THE ECONOMIC THRESHOLDS?**

1 Lygus per 20 plants using beating tray

1 Lygus per 10 plants using a suction machine (A-vac or D-vac)

## **HOW IMPORTANT ARE EXTERNAL LYGUS POPULATIONS TO THE CROP?**

Very Important: On annual plantings, Lygus populations result from migration from external hosts.

## **WHAT INSECTICIDES ARE EFFECTIVE?**

Bifenthrin and fenprothrin are most effective. Methomyl is effective in most areas. Malathion is effective in some areas, but resistance is widespread. Naled is somewhat effective in some areas.

## **WHAT OTHER BIOLOGICAL OR CULTURAL OPTIONS ARE AVAILABLE?**

Parasitoids are available for augmentation, but do not produce a great enough level of parasitism in most situations to provide economic control. Cultural alternatives include vacuum machines and especially mowing or destruction of non-crop hosts near fields in spring before nymphs become adults.

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<sup>1</sup> Director, Statewide IPM Project, University of California.