

# BROWN MARMORATED STINK BUG

## LIFE CYCLE, DAMAGE SYMPTOMS AND CONTROL

### EGGS

Eggs with light green or light blue color, 1 mm in diameter, and are laid in clutches of approximately 20-30 eggs.



### NYMPHS

Nymphs from 2nd, 3rd, 4th and 5th instar are sucking plant sap preferably from fruiting structures.



### ADULT

12-17 mm in length, brown marbled-or-mottle-colored. Key features for identification include white bands on the antennae and legs, and alternating dark and light bands on the margin of the abdomen.



Development from **egg to adult** takes approximately 40 to 60 days, depending on the temperature and the host plant.

### DAMAGE SYMPTOMS

Feeding on tree fruit and some vegetables can lead to corky spots in the flesh, discoloration, necrosis or chlorotic spots due to tissue damage. Feeding on developing fruit, particularly peaches, can cause "cat facing" damage.



### CONTROL

Based on monitoring the emergence of the pest by means of light traps and funnel traps.

**Use kaolin clay** in orchards from fruit color change on.

**Use natural controls:** parasitoid wasps like *Trissolcus japonicus*, *Trissolcus basalis*, *Anastatus bifasciatus*; entomopathogenic fungi like *Beauveria bassiana*.

**Use insecticides:** attract with pheromone lures and kill with pyrethrin or permethrin insecticides "Attract and kill strategy".

