

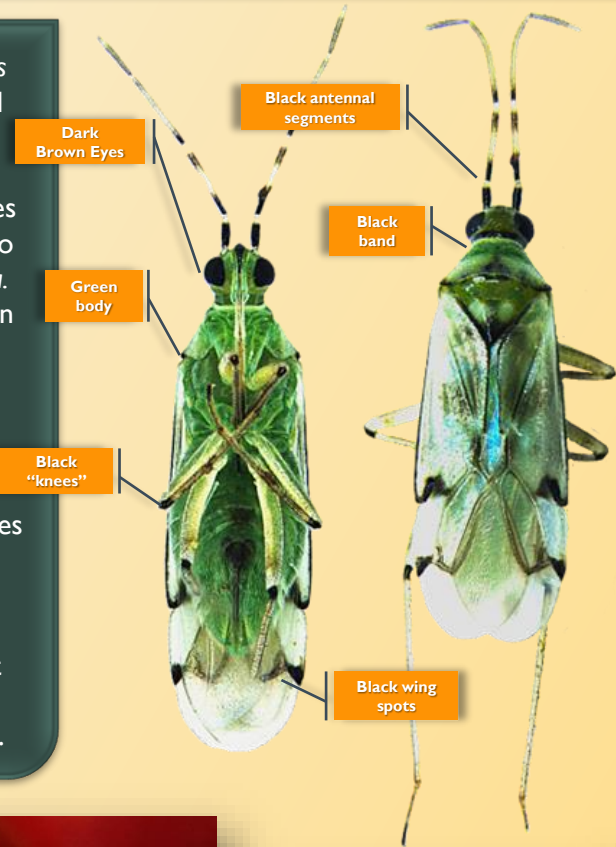
A Double-Edged Stylet:

Nesidiocoris tenuis in Greenhouse Peppers

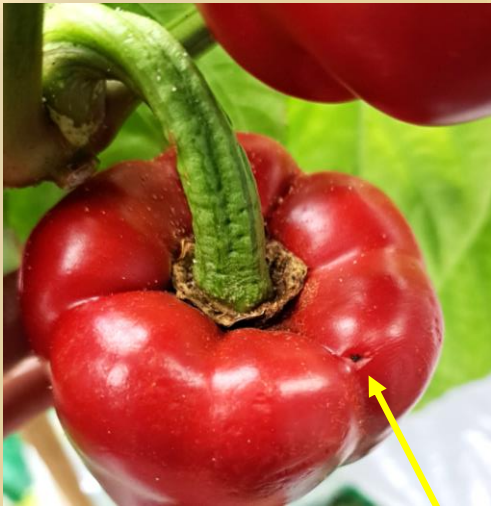
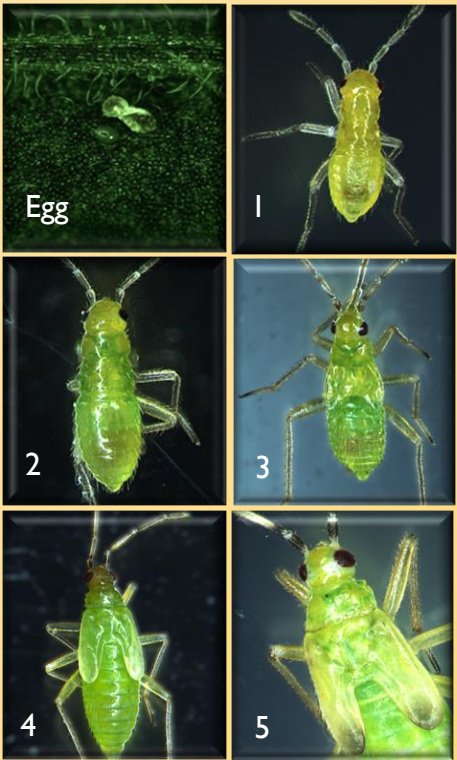


Common Name: Nesi or Green Bug
Scientific Name: *Nesidiocoris tenuis*

- Nesidiocoris tenuis*, is an omnivorous mirid bug native to the Mediterranean basin where it is sometimes used as a beneficial to manage *Tuta absoluta*. They will also feed on plant tissues.
- In non-native ranges like Ontario, their population builds quickly in greenhouses under summer conditions. While tomatoes are their preferred host, plant feeding damage on peppers is significant.



Egg and Nymphal Stages



N. tenuis as a Greenhouse Pepper Pest

Damaging Stages	all stages, 5 th instar/adults most damaging to plants
Damage Profile	punctures in pedicels, leaf petioles and fruits
Conditions w/ Highest Damage	↓ prey, ↑ predator pop., warmer temperatures
Distinguishing Features	5-10 mm green body, black band at base of the head, dark brown eyes, black “knees” and 1st / 2nd antennal segments, black spots on wings
Scouting Tips	bugs hide under leaves and around stems, scout for nymphs and adults on newer growth, punctures and stippling on stems and fruits
Look-alikes	<i>Dicyphus</i> sp., <i>Engytatus</i> sp., <i>Macrolophus</i> sp. (all stages), <i>Lygus</i> spp. (nymphs)