

Pest Profile



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Common Name: Leaf-footed Bug

Scientific Name: *Leptoglossus sp.*

Order and Family: Hemiptera: Coreidae

Size and Appearance: Adults of the species can be from 15-17 mm in length, have brown elongated bodies, and usually a white bar or pattern on top elytra. The bugs are distinguished by their widened hind tibiae which resemble leaves. The antennae can have coloration at the tip depending on the species. Nymphs look like less-flattened adults and do not have their unique tibiae until the last instar.

	Length (mm)	Appearance
Egg	< 0.05 mm in length	Eggs are mustard yellow, laid in a straight line on the stem or midrib of a leaf.
Larva/Nymph	1-17 mm depending on instar	Nymphs look like less flattened versions of adults and lack leaf-shaped tibiae until adulthood.
Adult	15-17 mm in length	Elongated bodies, long antennae, piercing-sucking mouthparts, white markings on elytra, and expanded leaf-shaped hind tibiae.
Pupa (if applicable)		

Type of feeder (Chewing, sucking, etc.): Piercing/sucking

Host /stored food products: *Leptoglossus sp.* feed on a wide variety of fruit, vegetables, grains, and ornamental plants.

Description of Damage (larvae and adults): Leaf-footed bugs are considered minor crop pests and can adversely affect the color and quality of ripening citrus and other fruits. Large infestations can result in crop loss, though rare. Has been known to vector black pit and kernel spot in pecans.

References:

Smith, E.H. and Whitman, R.C. (2007). Occasional Invaders- Leaf-footed Bugs. In *NPMA Field Guide of Structural Pests*. (7.7.1). National Pest Management Association International.

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