

Pest Profile



Photo credit: Jim Kalisch, University of Nebraska - Lincoln

Common Name: Brown Marmorated Stink Bug

Scientific Name: *Halyomorpha halys*

Order and Family: Hemiptera, Pentatomidae

Size and Appearance: The adults are mottled brown in color and have a shield shaped body with distinct alternating dark and light bands on their antennae. The eggs are white or pale green and barrel shaped, and are laid on the underside of leaves. The nymphs are black and tick like in appearance. Produce a strong odor if they are disturbed.

	Length (mm)	Appearance
Egg	1mm	White or pale green, barrel shaped; laid on underside of leaves; eggs hatch in 4-5 days.
Larva/Nymph	2.4-12mm	Black and red in color; 1 st instar nymphs are orange or red colored; 5 instars; have deep red eyes; nymphs have white bands on their antenna; develop wing pads as they grow.
Adult	12-17mm	Mottled brown in color; shield shaped body; dark and light bands on antennae; edge of abdomen has brown and white bands; legs have light white bands.
Pupa (if applicable)		

Type of feeder (Chewing, sucking, etc.): Nymphs and Adults: Piercing-sucking

Host plant/s: The Brown Marmorated stink bug has a large host range of around 300 species of plants and can feed on shade and fruit trees as well as ornamental plants and garden crops. Some hosts include hibiscus flowers, stems of celosia, spinach, apple, cherry, citrus, and other fruits.

Description of Damage (larvae and adults): Nymphs and adults suck nutrients out of fruits with their piercing sucking mouthparts. Feeding causes necrotic spots on the fruits and leaves. They can feed on the stems, leaves, and fruits and flowers of plants. Pitting and discoloration and the distortion called cat

facing can occur to fruits that are fed on. Adults can become a nuisance in the fall when they enter houses to find a sheltered place to overwinter.

References:

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