

Brown marmorated stink bug

What is brown marmorated stink bug?

Brown marmorated stink bug (*Halyomorpha halys*) is a mottle brown coloured, shield shaped stink bug. It is a voracious feeder, affecting about 300 known plants including nuts, fruit, vegetables and ornamentals.

Originally from eastern Asia, it was recently introduced to North America and Europe, where it is having a significant impact on agriculture and as a nuisance pest (due to its habit of overwintering in large numbers inside buildings).

While feeding the bug's saliva causes significant damage to plant tissues.

What does it look like?

Brown marmorated stink bug adults are medium-large (12-17 mm long), mottle brown coloured, shield shaped stink bugs.

There are five nymph stages that range from less than 3 mm to 12 mm long. The nymphs are orange and black when they first hatch but quickly develop a similar colouration to the adults.

Eggs are cream to yellow-orange and approximately 1.6 mm long and laid in clusters on the underside of leaves.

What can it be confused with?

The adults and larvae can be confused with a number of other brown coloured stinkbugs that are present in Australia.

The Department of Agriculture and Water Resources has produced a field guide to assist in the identification of this pest. See: agriculture.gov.au/SiteCollectionDocuments/biosecurity/import/cargo/pests/guide-identification-brown-marmorated-stink-bug.pdf for further information.



Adult

Mohammed El Damir, Bugwood.org



Cluster of adults on leaf

Gary Bernon, USDA APHIS, Bugwood.org



Eggs and nymphs

David R. Lance, USDA APHIS PPQ, Bugwood.org

EXOTIC PEST – CALL THE EXOTIC PLANT PEST HOTLINE IF SUSPECTED



Adult

Steven Valley, Oregon Department of Agriculture, Bugwood.org

What should I look for?

Any unusual stink bugs on your plants or unusual aggregations of stink bugs in or on buildings. Report any unusual sightings to the Exotic Plant Pest Hotline on 1800 084 881.

How does it spread?

The brown marmorated stink bug is spread as a hitchhiker on a range of commodities. It can arrive on plant material, cargo of all kinds, and recent detections have been in loads of bricks and electrical goods. Once in a country the adults are capable of flight allowing localised spread of the pest.

Where is it now?

Brown marmorated stink bug is native to eastern Asia (China, Japan and Taiwan) but was recently introduced to North America (first discovered in the mid-1990s) and to Europe (first reported in 2007), where it is rapidly becoming a serious pest.

How can I protect my farm from brown marmorated stink bug?

You can protect your farm from brown marmorated stink bug by checking your property frequently for the presence of any new pests. Take care when opening packages from overseas. Make sure you are familiar with the symptoms of common pests so you can tell if you see something different.



Nymph

Steven Valley, Oregon Department of Agriculture, Bugwood.org



Eggs on underside of leaf

David R. Lance, USDA APHIS PPQ, Bugwood.org

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CALL THE EXOTIC PLANT PEST HOTLINE**

1800 084 881



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