

FACT SHEET



Yellow Spotted Stink Bug

The Yellow Spotted Stink Bug (YSSB) has a wide host range and causes cosmetic damage to fruit and vegetables resulting in produce that is unfit for sale.

Like the Brown Marmorated Stink Bug (BMSB), YSSB is a known hitchhiker pest.

In their native range in Asia there is limited information recorded about their host range or impacts on plants and trees, though impacts on timber trees and horticultural crops have been noted.

YSSB is a known pest on kiwifruit in China but has never been reported in New Zealand.

Identification

YSSB is a large, shield-shaped bug with an adult length of about 18 to 23mm (about the size of a 20 cent piece) which is larger than shield bugs currently found in New Zealand.

The body is blackish brown in colour and covered entirely with many small yellow spots.



Signs and symptoms

Adult bugs lay eggs on leaves in spring and summer and the juvenile stages develop through to adults before winter. Some adults overwinter under bark or in natural crevices and emerge when temperatures warm up to begin breeding.

Control

There is little information around the management of YSSB but it is thought management techniques would be similar to BMSB. Exclusion netting, trapping, and the use of “softer chemicals” are likely options for managing YSSB on orchard.



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Distribution and climate range



YSSB has increased in global spread the last few years and is a strong flier (up to 3km). The bug is present throughout parts of Asia, and more recently in Albania and Brazil.

Recorded distributions are similar to that of BMSB spread - it can be assumed that YSSB has similar climatic preference to BMSB.

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