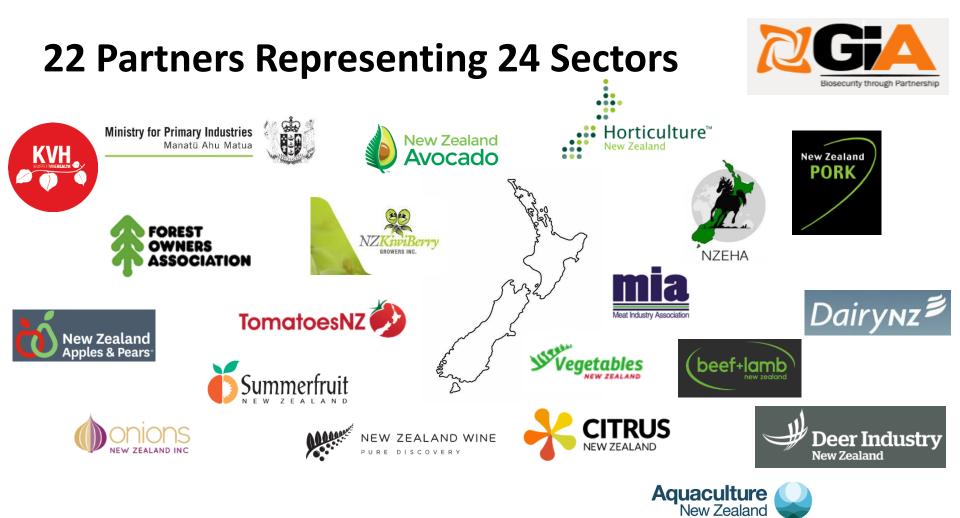


GIA Update A Partnership Approach for our High-risk Threats Matt Dyck, KVH November 2020

Layers of Preparedness (for BMSB)







Brown Marmorated Stink Bug

1. Early detection

- Public awareness campaign
- Surveillance trapping program

2. Response

- BMSB response specifications
- Expanding our options for Chemical controls
- 3. Effective use the Samurai wasp
 - Release plan
 - Sourcing and rearing the wasp
 - Optimising its use







IT WOULE BE STINK IF THESE GOT INTO NEW ZEALAND



0800 80 99 66

The brown marmorated stink bug is a pest that infests homes, ruins gardens, stinks when crushed, and is almost impossible to get rid of. It could also destroy our fruit and vegetable industries. It's not in New Zealand yet, and we want to keep it that way. So if you see one, don't kill it. Catch it, take a photo, and call us on 0800 80 99 66.

7

Look for black &

white banding on the antiernae

Look for black & white banding on the sides of the abdomen



For more information (including how to identify the bug) visit biosecurity.govt.nz/stinkbug

Site lags at deale actual size. Obtaining agent, 1 Zee length

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Fruit Fly Readiness Projects

1. Contingency planning

- Alternatives insecticides / DDVP
- Tools for large scale responses

2. Refining current traps

- Combining fruit fly lures
- Automated traps
- Female traps
- 3. Where do incursions come from?
 - Isotope testing



THIS IS US BIOSECURITY 2025





Kiwifruit Sector OA

Readiness work with MPI for specific threats including:

- 1. Ceratocystis fimbriata (new 3-year project)
 - 1. Lessons for eradication
 - 2. Testing on-orchard management techniques
 - 3. Understanding disease spread
- 2. Phytophthora survey what do we already have in our orchards?









REPORT THE UNUSUAL Call KVH 0800 665 825