



BMSB Seasonal Measures – Guide to insect collecting, recording, storage and diagnostic images

Hitchhiker seasonal pests on vessels

Inspect and collect

Vessels must be thoroughly inspected by crew for insects.

Inspect all cargo decks, stairwells, vehicles and high and heavy cargo.

Look for insects seeking shelter in crevices or moving toward well-lit areas during periods of darkness.

Pay attention to areas close to cargo holds/decks; insects can emerge from vehicles and break bulk items after periods of inactivity.

Recording and storage

Collect and retain any live or dead insects (specimens) found at any time during the voyage.

- Record all detections on the Crew Vessel Inspection report; note deck and hold location which they were found in; and note what type of cargo was involved or nearby.
- Store live and dead specimens in separate bags/containers by deck and hold location. Clearly label each bag.
- Store all bagged specimens in the fridge (NOT the freezer) until arrival in Australia.
- Submit all specimens to an Australian Biosecurity Officer at the first port of arrival in Australia.

Image quality

For assessment and identification of reported insects, photos must be submitted and clearly show the specimen's colour, shape and body patterns (e.g. spots, stripes).

Image tips

Do not pile specimens on top of each other.

Do not photograph specimens covered by plastic bag.

On a flat surface, space the specimens and display them so that body details are unobscured.

Ensure good lighting, use a plain light-coloured background, and minimise shadows.

Ensure specimens are in focus, and large enough to see their details in the image (not zoomed out).



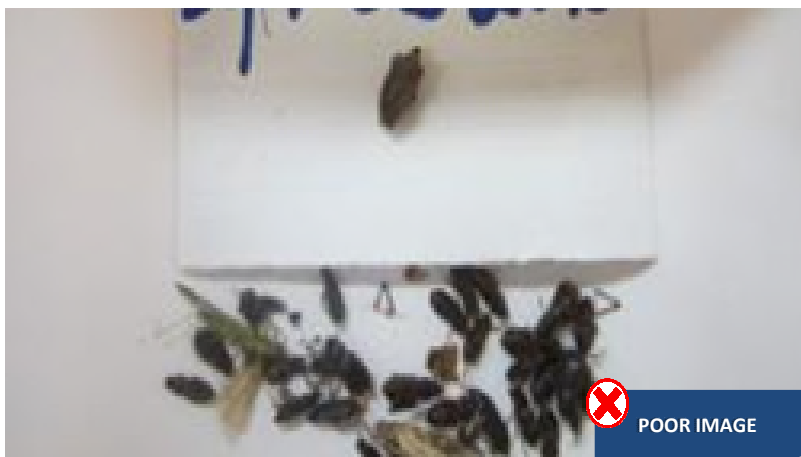
Ideal image

- Good lighting
- Minimal shadows
- Specimens separated to clearly show colour, body patterns and shape
- Sorted by colour



Acceptable image

- Reasonable lighting
- Specimens showing colour, body patterns and shape
- High resolution to allow image enlargement



Poor image

- Image blurry
- Specimens piled together, image distance too far for identification
- Low resolution image

Acknowledgement of Country

We acknowledge the Traditional Custodians of Australia and their continuing connection to land and sea, waters, environment and community. We pay our respects to the Traditional Custodians of the lands we live and work on, their culture, and their Elders past and present.

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