

31<sup>st</sup> August 2021

## Brown Marmorated Stink Bug (Halyomorpha Halys)



Brown Marmorated Stink Bugs pose a significant biosecurity risk to Australia due to their highly mobile nature. They are currently found throughout North East Asia, North America and Europe and can be identified by their shield shape and white bands on the antennae, legs and rear margins of the body. Introduction into Australia would have a devastating

impact on over 300 agricultural and ornamental plants by rendering them unsellable or reducing production yields.

As a result, the Department of Agriculture, Water and the Environment (DAWE) implements seasonal measures for certain goods arriving from target risk countries.

Goods shipped from target risk countries between 1<sup>st</sup> September 2021 to 30<sup>th</sup> April 2022 (inclusive) need to be treated. Seasonal measures also apply to vessels that berth, load or tranship from target risk countries within the same period. Throughout the season DAWE continually reviews measures based on detections of BMSB and the risk pathways.

### Which Goods are Targeted?

Certain target high risk goods (Appendix 1) manufactured in, or shipped from target risk countries as sea cargo will require treatment for BMSB either prior to export or on arrival in Australia.

- **Break Bulk cargo, and cargo shipped in containers without six solid sides (Open Tops and Flat Racks) must be treated offshore before export.**
- **Containerised (FCL/FCX) cargo arriving in sealed six hard sided containers may be treated offshore or onshore at the container level.**
- **LCL and FAK containers with target high risk goods will be managed at the container level for BMSB.**
  - **Offshore treatment of LCL consignments and FAK containers is preferred.**
  - **Onshore treatment of LCL consignments and FAK containers will be permitted at the container level only.**

Certain target risk goods (Appendix 1) do not require mandatory treatment however are subject to increased surveillance and inspections and may be directed for treatment if BMSB are detected.

All imported cargo must still comply with listed standard import conditions which are dealt with against the import declaration.

## Treatment Options

There are three approved treatment options for BMSB treatments.

### Heat

For all goods types and sizes

- 56°C or higher at the coldest surface of the goods, for a minimum of 30 minutes  
or  
Alternative option for individual goods weighing less than 3000 kg shipped as break bulk only,
- 60°C or higher at the coldest surface of the goods, for a minimum of 10 minutes

**Note:** Individual goods shipped as break bulk weighing less than 3000kg treated at 60°C for 10 minutes require evidence within shipping documentation that they are less than 3000kg for these treatments to be accepted.

### Methyl Bromide

- A dose of 24 g/m<sup>3</sup> or above, at 10°C or above, for a minimum of 12 hours (but less than 24 hours), with a minimum end point reading of 12 g/m<sup>3</sup>  
or
- A dose of 24 g/m<sup>3</sup> or above, at 10°C or above, for 24 hours or longer, with a minimum end point reading of 8 g/m<sup>3</sup>

**\*Note:** Dose increases to compensate for temperatures less than 10°C is NOT permitted.

### Sulfuryl Fluoride

- A dose of 24 g/m<sup>3</sup> or above, at 10°C or above, for a minimum of 12 hours (but less than 24 hours), with a minimum end point reading of 12 g/m<sup>3</sup>  
or
- A dose of 24 g/m<sup>3</sup> or above, at 10°C or above, for 24 hours or longer, with a minimum end point reading of 8 g/m<sup>3</sup>

**\*Note:** Dose increases to compensate for temperatures less than 10°C is NOT permitted.

### Sulfuryl Fluoride – Using third-party system\*

- Achieve a CT of 200 g-h/m<sup>3</sup> or more, at 10°C or above, for 12 hours or longer, with a minimum end point reading of 12 g/m<sup>3</sup>  
or
- Achieve a CT of 200 g-h/m<sup>3</sup> or more, at 10°C or above, for 24 hours or longer, with a minimum end point reading of 8 g/m<sup>3</sup>

**\*Note:** The approved stewardship program operators and their third-party systems are:

- Douglas Products or their agents - FumiGuide
- Ensystex II, Inc. (USA – Fumicalc
- Barcan Barcan Pest Control & Fumigation Co. (Barcan ilaqlama Fumigasyon Tic. Ltd. Sti.) (Turkey) - FumiTrack

## Offshore BMSB Treatment Providers Scheme

The list of currently approved treatment providers for the 2021-22 season is available [here](#).

The list will be updated by DAWE with new providers and details of any suspensions. It is recommended to regularly check the list to ensure any preferred treatment provider used is still approved for the treatment method chosen.

## Treatment Window

Goods shipped in a six hard sided container (FCL, FCX, LCL or FAK) must be packed and sealed in the container within 120 hours (5 days) of the treatment being completed.

Goods shipped as Break Bulk or in open top or flat rack containers must be loaded on board a vessel for export within 120 hours (5 days) of the treatment being completed.

## Vessels

All roll-on roll-off (ro-ro) vessels that berth at, load or tranship in target risk countries from **1<sup>st</sup> September 2021** and arrive in Australian territory by **30<sup>th</sup> April 2022** will be required to:

- › Conduct self-inspections and respond to specific questions as part of pre-arrival reporting requirements; and
- › Undergo a mandatory seasonal pest inspection on arrival in Australia.

## Target Risk Countries

Poland has been added to the 2021-22 list of target risk countries.

- |   |                 |                   |
|---|-----------------|-------------------|
| › United States of America  | › France        | › Netherlands     |
| › Canada  | › Georgia       | › North Macedonia |
| › Albania   | › Germany       | › Poland          |
| › Andorra   | › Greece        | › Portugal        |
| › Armenia   | › Hungary       | › Romania         |
| › Austria   | › Italy         | › Russia          |
| › Azerbaijan  | › Kazakhstan    | › Serbia          |
| › Belgium   | › Kosovo        | › Slovakia        |
| › Bosnia and Herzegovina  | › Liechtenstein | › Slovenia        |
| › Bulgaria  | › Luxembourg    | › Spain           |
| › Croatia   | › Moldova       | › Switzerland     |
| › Czechia   | › Montenegro    | › Turkey          |
|   |                 | › Ukraine         |
| › Japan (heightened vessel surveillance will be the only measure applied) |                 |                   |

The Department of Agriculture, Water and the Environment will be monitoring a number of emerging risk countries throughout the season and may conduct random onshore inspections of consignments of target high risk and target risk goods to verify freedom from BMSB contamination.

## Safeguarding Arrangements

As part of the 2021-22 measures, DAWE has made the Safeguarding Arrangements Scheme available to importers. The scheme recognises the ability of approved participants to manage BMSB risk offshore, from the point of manufacture to the point of export.

Safeguarding Arrangements are only available to participants that meet the following eligibility criteria:

- Hold a valid Australian Business Number;
- Import a minimum of 5000 vehicles/units per season via break bulk, AND/OR;
- Import a minimum of 50 x 20' FCL AND/OR 25 x 40' FCL per season.

Applications from qualifying stakeholders should be lodged with DAWE. For further information please contact Henning Harders.

## New, Unused and Not Field Tested (NUFT) Goods

The Department will permit certain goods (classified under chapters 82, 84, 85, 86, 87, 88 and 89) manufactured on or after 1<sup>st</sup> December 2021, and that can meet NUFT criteria to be exempt from BMSB measures under certain conditions.

Importations of these commodities must include supporting documentation to prove the manufacture date and evidence of its NUFT status.

Any questions or queries relating to the 2020-21 measures can be directed to Harders Advisory as per below.

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**HARDERS**Advisory



## Appendix 1

### Target High Risk Goods

44 - Wood and articles of wood; wood charcoal	75 - Nickel and articles thereof	85 - Electrical machinery and equipment and parts thereof; sound recorders and reproducers, television image and sound recorders and reproducers, and parts and accessories of such articles
45 - Cork and articles of cork	76 - Aluminium and articles thereof	86 - Railway or tramway locomotives, rolling-stock and parts thereof; railway or tramway track fixtures and fittings and parts thereof; mechanical (including electro-mechanical) traffic signalling equipment of all kinds
57 - Carpets and other textile floor coverings	78 - Lead and articles thereof	87 - Vehicles other than railway or tramway rolling-stock, and parts and accessories thereof
68 - Articles of stone, plaster, cement, asbestos, mica or similar materials	79 - Zinc and articles thereof	88 - Aircraft, spacecraft, and parts thereof
69 - Ceramic products – including sub chapters I and II	80 - Tin and articles thereof	89 - Ships, boats and floating structures
70 – Glass and glass ware	81 - Other base metals; cermets; articles thereof	
72 - Iron and steel - including sub chapters I, II, III, IV	82 - Tools, implements, cutlery, spoons and forks, of base metal; parts thereof of base metal	
73 - Articles of iron or steel	83 - Miscellaneous articles of base metals	
74 - Copper and articles thereof	84 - Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	

### Target Risk Goods

27 - Mineral fuels, mineral oils and products of their distillation; bituminous substances; mineral waxes	29 - Organic chemicals - including sub chapters I, II, III, IV, V, VI, VII, VIII, IX, X, XII and X11131 - Fertilisers	48 - Paper and paperboard; articles of paper pulp, of paper or of paperboard
28 - Inorganic chemicals; organic or inorganic compounds of precious metals, of rare-earth metals, of radioactive elements or of isotopes - including sub chapters I, II, III, IV and V	38 - Miscellaneous chemical products	49 - Printed books, newspapers, pictures and other products of the printing industry; manuscripts, typescripts and plans
	39 - Plastics and articles thereof - including sub chapters I and II	56 - Wadding, felt and nonwovens; special yarns; twine, cordage, ropes and cables and articles thereof
	40 - Rubber and articles thereof	