



**Australian Government**  
**Department of Agriculture,  
Water and the Environment**

**Ministry for Primary Industries**  
Manatū Ahu Matua



# Offshore Industry Information Session for 2021-22 BMSB Season

Brown Marmorated Stink Bug  
(BMSB) Seasonal measures

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# Welcome

## Topics

- Why BMSB
- Review of 2020-21 BMSB season
- 2021-22 BMSB Seasonal measures
  - Target risk countries
  - Measures relating to goods
  - NUFT
  - 120 hours requirements
  - Safeguarding
  - Vessels
- New Zealand specific requirements
- Offshore BMSB treatment providers scheme
  - Minimum treatment standards
  - Treatment non-compliance
- Questions



# Why BMSB?

## A major agricultural pest

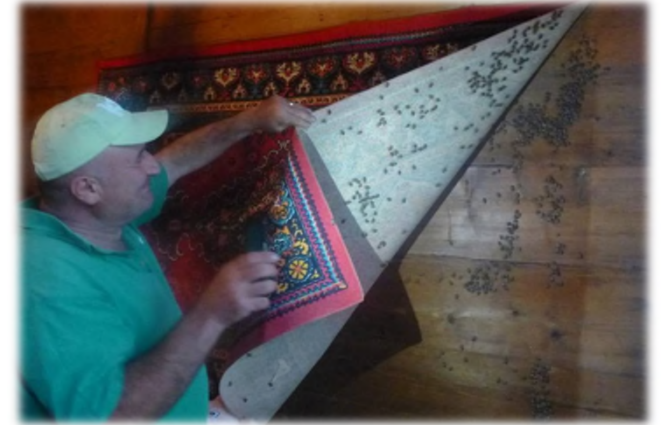
- Potential to severely impact Australian and New Zealand agricultural industries
- BMSB is known to feed on around 300 different plant species
- Juveniles and adults feeds on, and severely damage fruit and vegetable crops
- Australia's and New Zealand's environment and climate is suitable to support the entry and establishment of BMSB



# Why BMSB?

## Initial seasonal measures

- Seasonal measures to manage BMSB risk were first introduced in 2015
- Seasonal measures included mandatory treatment for target high risk goods from a small number of countries and increased surveillance of vessels from risk pathways
- Seasonal measures expanded in 2018-19 to include the offshore BMSB treatment providers scheme
- Seasonal measures have continued to evolve and expand in response to changing and expanding BMSB risk



# 2020-21 BMSB risk season - Review

## Summary of Offshore BMSB Treatment Providers Scheme

- There were 230 registered offshore treatment providers across 25 countries
  - 72 in North America
  - 85 in Europe
  - 26 in the Middle East
  - 47 in the rest of Asia
- Over 80,000 offshore treatment certificates were lodged for Australian bound goods – a 10% increase on the previous season

# 2020-21 BMSB risk season

## Summary of intervention for the 2020-21 season

- Over 107,136 containers were subject to BMSB measures
- 53% were treated offshore and required no BMSB related intervention on arrival

Detection Point	Condition	Number of detections		
		18/19	19/20	20/21
Biosecurity Intervention Point	Alive	26	25	17
	Dead	223	185	187
Post Biosecurity	Alive	31	4	15
	Dead	32	14	13
Total Detections		312	228	232

NB. Detection figures are not total insect numbers, ie 1 detection may have consisted of multiple actual insects.

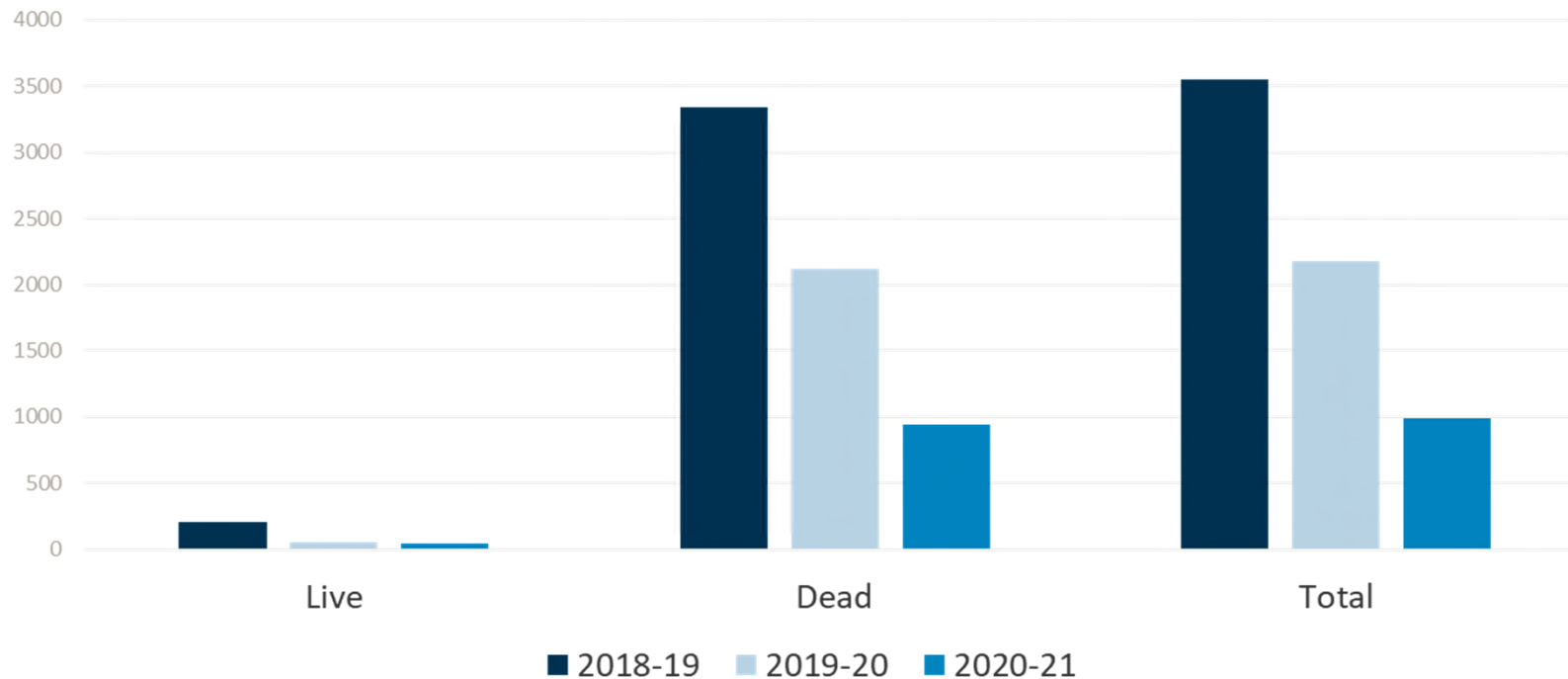




# 2020-21 BMSB last risk season – NZ Review

NZ had 2553 consignments and 128,852 vehicles BMSB treated

BMSB Detected over 3 seasons



## Comparison of the last three seasons



### What the numbers tell us...



There has been a decrease in BMSB bugs intercepted, both live and dead this season



16 live BMSB found in a treated consignment sealed box, 28 treated consignments with other live insects



Increased trapping and surveillance means we are confident we remain BMSB free

1 Live BMSB was found near a surveillance trap, no others!

# 2021-22 BMSB risk season - Review

## Summary of treatment provider compliance assessment

- Documentary assessments were conducted on 150 treatment providers
- The most common issues identified with treatment certificates were:
  - Missing name, signature and date of the person conducting the treatment
  - Missing information on enclosure ventilation
- The most common issues identified with records of treatment were:
  - Missing name, signature and date of the person conducting the treatment
  - Critical parameters not being met – below the minimum concentration, under the required treatment temperature or the exposure period was too short
  - Discrepancies between the treatment records and the information on the treatment certificate
- Treatment providers receive feedback and corrective action requests where necessary
- Five treatment providers were suspended due to the identification of critical non-compliance





# 2021-22 BMSB risk season - Measures

## **BMSB Seasonal Measures**

- Measures apply to goods shipped between **1 September 2021** and **30 April 2022 (inclusive)**
- Target high risk and target risk goods remain unchanged from last season
- **Poland** has been added as a target risk country for the 2021-22 BMSB season
- Any target high risk or target risk goods manufactured in, or shipped from these target risk countries are subject to the BMSB seasonal measures
- Any vessel that berths at, loads or tranships goods from these countries are also subject to heightened vessel surveillance
- **Malta** has been added to our emerging risk country list along with the UK, Sweden, Belarus and Chile

# 2021-22 BMSB target risk countries



USA



Bosnia and Herzegovina



Hungary



Netherlands



Slovenia



Canada



Bulgaria



Italy



North Macedonia



Spain



Albania



Croatia



Kazakhstan



Poland



Switzerland



Andorra



Czechia



Kosovo



Portugal



Turkey



Armenia



France



Liechtenstein



Romania



Ukraine



Austria



Georgia



Luxembourg



Russia



Japan \*



Azerbaijan



Germany



Moldova, Republic of



Serbia

*\* Heightened vessel surveillance only*



Belgium



Greece



Montenegro



Slovakia

# 2021-22 BMSB risk season - Measures

## Measures relating to goods

- All target high risk goods require mandatory treatment
- Target high risk goods shipped as break bulk including open top or flat rack containers require mandatory offshore treatment
- Goods requiring mandatory offshore treatment arriving untreated are prevented from discharge and/or directed for export on arrival
- All target high risk and target risk goods will be subject to increased onshore intervention through random inspection
- Non target and target risk goods are not subject to BMSB measures, unless they are part of a consignment/container that contains target high risk and target risk goods
- Vessels that are the target of the treatment (not vessels used as conveyances) must be treated in their entirety, that is the hull and interior of the vessel must be treated at the same time. Treatment of the vessels while afloat is not permitted.

# 2021-22 BMSB risk season

## **New, Unused and not Field Tested (NUFT) goods – Australia only**

- Certain goods that can meet all the following criteria will not be subject to BMSB measures on arrival:
  - goods manufactured on or after 1 December 2021 (A good is only considered to be manufactured on or after 1 December 2021 if all its large, complex components have also been manufactured after 1 December 2021)
  - goods classed as new machinery, vehicles, vessels/new complex parts and equipment, and are classified under the following tariff chapters only: 82, 84, 85, 86, 87, 88 and 89
  - evidence is provided in the form of a BMSB manufacturers NUFT declaration that the goods are manufactured on or after 1 December 2021
- If evidence is not provided, the goods may be directed for export or onshore treatment (if permitted)

# 2021-22 BMSB risk season

## **120-hour post treatment window**

- A post treatment window exists on goods treated before to 1 December 2021
- Goods must either be loaded into a container and sealed or loaded onto a vessel for export from the target risk country within the defined timeframe of 120 hours.
  - Where a treatment is conducted on containerised goods and sealed while in the presence of the treatment provider we recommend including the seal number on the treatment certificate as proof of sealing within 120hrs
- Goods treated from 1 December 2021 (inclusive) have been recognised as having lower risk of re-infestation and are not subject to the post treatment window of 120 hours.

# 2021-22 BMSB risk season

## **Safeguarding arrangements – Australia only**

- Safeguarding arrangements will continue for the 2021-22 risk season as an alternative clearance pathway for goods
- The scheme allows certain goods and supply chains to be recognised under safeguarding arrangements
- Under the Safeguarding scheme, approved participants are recognised for their ability to manage biosecurity risk offshore, including seasonal hitchhiker pest risk such as BMSB, from the point of manufacture to the point of embarkation



# 2021-22 BMSB risk season - Measures

## Measures relating to vessels

- Heightened vessel surveillance for all roll-on/roll-off (ro-ro) vessels will be applied through pre-arrival reporting
- Vessel operators will be required to conduct self-inspections and report any detections of BMSB and other exotic insects, standard report form
- All ro-ro vessels that berth at, load or tranship from the target risk countries, will be required to undergo a mandatory seasonal pest inspection on arrival in Australia
- Vessels approved under the Vessel Seasonal Pest Scheme may be exempt from the mandatory seasonal pest inspection, Australia



# New Zealand differences from Australia



- Measures apply for goods shipped from **1 September 2021** and arriving in New Zealand **30 April 2022**.
- Target high risk and target risk goods are different but remain unchanged from last season, classification of risk goods is different between the two countries. Poland has been added. Check websites.
- All target goods **whether breakbulk or containerised** require mandatory treatment off-shore, untreated will be refused entry.
- The 120-hour post treatment window applies all season.
- NZ does not offer the NUFT. Treatment/system requirements along with the associated post treatment requirements apply all season long.

# New Zealand Targeting is different from Australia



NZ Targets the following for BMSB management :

- Vehicles, machinery and parts from all 38 BMSB risk countries, Poland is new this season
- Brown marmorated stink bug: requirements for importers | MPI | NZ Government
- ALL goods exported from Italy during the BMSB season in Sea Containers

Sea containers from Italy

# New Zealand requirements



## Approved Systems – New Zealand only

- An MPI-Approved System must manage the BMSB risk throughout the manufacturing supply chain in the target BMSB countries.
- A comprehensive system overview must be presented to MPI for consideration
- An application including guidance on all aspects which must be considered and documented for approval is available on the MPI Vehicles, Machinery and Parts webpage. -
- MPI verifies all systems to ensure they continually meet the approved outcomes
- Note: High risk supply chains may not be able to be approved during the pandemic due to MPI's inability to inspect facilities as part of the approval process.

# Offshore BMSB Treatment Providers Scheme

- All treatment providers in that intend to continue to conduct BMSB treatments **must** re-register for 2021-22.
- BMSB treatment providers in non-target risk countries are encouraged to register
- All applicants must demonstrate their ability to meet all requirements of the scheme for the types of treatments they wish to conduct
- Registration allows BMSB treatments to be conducted for both Australia and New Zealand
- Approved treatment providers will be listed on Offshore BMSB Treatment Providers scheme webpage
- Importers/Exporters use this list to check for most up-to-date details for offshore treatment providers approved to conduct BMSB treatments



source: 2wglobal.com

# Minimum treatment standards

- All treatments must meet the applicable requirements set out in the respective treatment methodologies as published on the department's website
- Treatment fact sheets are available to help achieve treatment compliance
- A consignment suitability fact sheet is available on the department's website to assist treatment providers and exporters to present goods so they are able to be treated effectively. The key points are:
  - Free air space to allow for fumigant or heat to circulate freely and access all areas of the goods where BMSB may harbour
  - Correct placement of temperature sensors and/or monitoring tubes
  - Understanding the difference between commercial and shipping packaging and the requirements for each
  - Using professional judgement to assess overall consignment suitability
- Compliance monitoring of treatment providers will continue to be undertaken



# Treatment non-compliance

- Intervention and sanctions will continue to be applied against potential and confirmed non-compliant treatment providers, including:
  - increased on-arrival inspections
  - suspension of treatment providers
  - virtual audits
- If a treatment provider is suspended both countries enact the in-transit policy and no certification issued by the suspended treatment provider is accepted, regardless of date of issue



# Key Messages

- BMSB season remains unchanged for the 2021-22 BMSB season
- One new country added to the target high risk country list:
  - **Poland**
- **For Australia:**
  - BMSB treatment of break-bulk, flat-rack and open-top containers must be conducted offshore
  - BMSB treatments on consignments in six hard sided containers can be conducted onshore on arrival, the department encourages offshore treatment where possible
- **For New Zealand:** All targeted goods must be treated off-shore whether containerised or breakbulk
- BMSB Treatment in NZ or AU is not permitted on the way to either country – we do not treat for each other.

# Working together

- Australia and New Zealand understand the important role industry plays in helping to keep both countries free from BMSB
- Australia and New Zealand are grateful for this contribution from industry and are committed to working together to achieve continued compliance and success

**IF YOU FIND ONE OF THESE  
IN YOUR LUGGAGE:**



**CATCH IT.  
CALL US.**

**EXOTIC PEST & DISEASE HOTLINE 0800 80 99 66**

Exotic pests like the Brown Marmorated Stink Bug are a threat to our primary industries and environment. If you've been overseas, open your luggage indoors and check for insects.



**SEE. SECURE. REPORT.**

**1800 798 636**

[agriculture.gov.au/report](https://agriculture.gov.au/report)

Look for pests in shipping containers and imported goods



Stay updated on the BMSB seasonal measures by visiting the following webpages

**[www.agriculture.gov.au/bmsb](http://www.agriculture.gov.au/bmsb)**

**Google: NZ MPI** Brown marmorated stink bug guidance



Any questions relating to the policy for seasonal pests can be emailed to:

**[spp@awe.gov.au](mailto:spp@awe.gov.au)**

**[BMSB@mpi.govt.nz](mailto:BMSB@mpi.govt.nz)**



Any questions relating to BMSB treatments can be emailed to:

**[BMSBtreatments@awe.gov.au](mailto:BMSBtreatments@awe.gov.au)**

**[BMSB@mpi.govt.nz](mailto:BMSB@mpi.govt.nz)**