

Increasing New Zealand's readiness for BMSB through partnership

March 2019

Dr Anna Rathé – BMSB Council Technical Lead



BMSB Council

- A partnership between government and Industry
- The Councils remit is BMSB readiness and response
- The arrangement enables shared decision making and cost sharing

BMSB Council members	BMSB Council observers
<ul style="list-style-type: none">• Kiwifruit Vine Health• New Zealand Apples and Pears• New Zealand Avocado• New Zealand Winegrowers• Ministry for Primary Industries• Summerfruit New Zealand• Tomatoes New Zealand• Vegetables New Zealand• Horticulture New Zealand	<ul style="list-style-type: none">• Foundation for Arable Research• New Zealand Plant Producers




BMSB Council strategy

Mission: New Zealand is collectively prepared to mitigate the risk of BMSB to New Zealand's economic, social, cultural and environmental interests.

Key result areas

- Know and understand specific BMSB biology
- Minimise entry and establishment risk
- Surveillance for early detection
- Ready to respond
- Rapid and effective response
- Reduce impact
- Social licence to operate
- Planning for Long-Term Management



BROWN MARMORATED STINK BUG STRATEGY 2018-23

VISION: A New Zealand free from Brown Marmorated Stink Bug

MISSION (our focus over the next few years)

New Zealand is collectively prepared to mitigate the risk of Brown Marmorated Stink Bug (BMSB) to New Zealand's economic, social, cultural and environmental interests.

OUTCOMES (what we seek to achieve via the strategy)

- Maintaining and enhancing on-going public, importer, and tourist awareness campaigns.
- Successfully and rapidly detecting BMSB post border, eradicating any population(s) before BMSB can establish, and reducing the spread and establishment potential of any populations detected.
- Continuing to develop and improve readiness and response plans, including targeted research and development activities that will measurably improve the ability to respond to a BMSB incursion.
- Planning to reduce the impact of a BMSB incursion on production, processing and sales.
- Developing transition plans and funding arrangements for long-term management of BMSB.
- Enhancing the integrity and effectiveness of New Zealand's wider biosecurity system, and enhancing the social licence for BMSB response activities.

KEY RESULT AREAS
(the priority work areas needed to deliver our mission and outcomes)

- 1 Know and understand specific BMSB biology:** Understand how BMSB will act in New Zealand.
- 2 Minimise entry and establishment risk:** Develop effective measures to minimise the risk of BMSB entry and establishment.
- 3 Surveillance for early detection:** Operationalise effective surveillance tools; encourage passive surveillance.
- 4 Ready to respond:** Have available tools for use against BMSB; develop and test response plans; undertake targeted research activities that improve our ability to respond to a BMSB incursion.
- 5 Rapid and effective response:** Detect any post-border BMSB rapidly; attempt to eradicate any population(s) before BMSB can establish, and reduce the potential for spread and establishment of any detected population.
- 6 Reducing impact:** Minimise the impact of a BMSB incursion on New Zealand's economic, social, cultural and environmental interests.
- 7 Social licence to operate:** Build trust with New Zealanders and ensure support across the biosecurity system.
- 8 Planning for Long-Term Management:** Develop transition plans, long-term management options and funding arrangements to minimise the ongoing impact of BMSB should it become established.

INDICATORS OF PROGRESS AND SUCCESS
(what we will look to measure)

Number of incursions and their seriousness	<ul style="list-style-type: none"> • Any BMSB incursions eradicated.
A world leading response plan	<ul style="list-style-type: none"> • A response plan is sufficiently well conceptualised to drive supporting logistics, and enable operations planning (completed). • By mid-2018, a detailed, internationally reviewed response plan has been completed and tested.
Engagement of industry stakeholders with BMSB strategy	<ul style="list-style-type: none"> • By 2019, all BMSB Council members and their industry members understand the serious risk posed by BMSB to their operations, and are prepared to mitigate the business risk they face.
Engagement of non-industry stakeholders with BMSB strategy	<ul style="list-style-type: none"> • By 2020, all New Zealanders understand the serious risk posed by BMSB to New Zealand values and are active participants in biosecurity to minimise this risk.
Readiness	<ul style="list-style-type: none"> • Continual improvement of readiness capability through the integration of research and learnings from overseas experience into readiness activities. • Delivery of documented readiness projects that produce intended outcomes.

STAKEHOLDERS

- BMSB Council members and the primary sectors they represent.
- Other primary industry organisations and the sectors they represent.
- Government departments, regional councils and other organisations engaged in biosecurity work (including the New Zealand Māori biosecurity network (Te Turi Whakamātaiki).
- Those involved in BMSB risk pathways (e.g. importers, tourism, transport, logistics etc).
- The New Zealand public – the biosecurity team of 4.7 million to:
 - assist with passive surveillance
 - provide social licence to operate during a BMSB response event
- The New Zealand and international research community


PRINCIPLES
(underpinning the strategy's success)

- Science-based
- Collaborative
- Cost-effective and delivering value
- Bold and innovative
- Open, transparent and accountable
- Avoids duplication
- Responsive to changes in risk
- Proactive
- Accepts risk and uncertainty in decision-making
- Connects to New Zealanders wellbeing
- Continuously improving.

INITIAL WORK PROGRAMME

The project list below shows the initial programme of work based around the highest priorities and work needed to ensure timely delivery of readiness activities relative to BMSB risk seasons.

- Understanding BMSB biology and behaviour in a New Zealand setting.
- BMSB research stocktake.
- BMSB communications plan and summer and autumn awareness campaigns.
- BMSB response specifications.
- Samurai wasp plan.
- EPA application for approval of samurai wasp as a biocontrol agent.



Thank you for your attention

