The slide features a dark green background with a pattern of fine, concentric white circles. In the top left corner is the logo of the Government of Western Australia, Department of Primary Industries and Regional Development. In the top right corner is the slogan 'Protect Grow Innovate'. The main title 'BAM Act Review' is in a large, bold, light green font. Below it, the subtitle 'Management of non-established and established weeds' is in a smaller, white font. At the bottom right, the name 'Dr Mia Carbon A/Deputy Director General Sustainability & Biosecurity' is written in white. The bottom of the slide is decorated with several overlapping, wavy bands in shades of green and grey.

Department of
Primary Industries and
Regional Development
GOVERNMENT OF
WESTERN AUSTRALIA

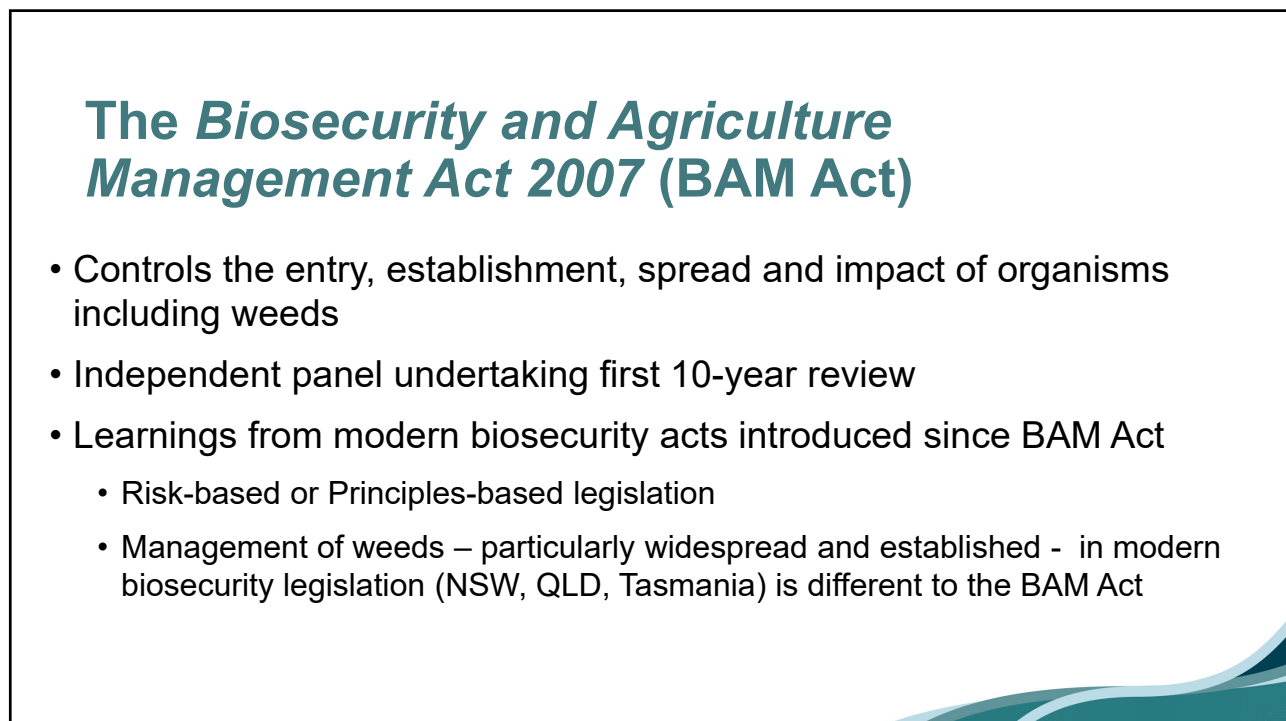
Protect
Grow
Innovate

BAM Act Review

Management of non-established and
established weeds

Dr Mia Carbon A/Deputy Director General
Sustainability & Biosecurity

1

The slide has a white background with a dark teal wavy graphic at the bottom right. The title 'The Biosecurity and Agriculture Management Act 2007 (BAM Act)' is in a bold, dark teal font. Below the title is a bulleted list of three main points, with the third point having two sub-bullets.

The Biosecurity and Agriculture Management Act 2007 (BAM Act)

- Controls the entry, establishment, spread and impact of organisms including weeds
- Independent panel undertaking first 10-year review
- Learnings from modern biosecurity acts introduced since BAM Act
 - Risk-based or Principles-based legislation
 - Management of weeds – particularly widespread and established - in modern biosecurity legislation (NSW, QLD, Tasmania) is different to the BAM Act

2

General biosecurity duty/obligation

*Any person who deals with **biosecurity matter**, who knows or ought to know of a biosecurity risk, has a duty to ensure the risk is prevented, eliminated or minimised, so far as is reasonably practicable.*

The GBO applies to;

- *all plants*, including national, state, regional and local priority weeds
- *all people* who interact with them
- *all activities* relating to them

3

Species declarations

BAM Act deals with organisms and activities

- Prohibited organisms
- Declared pests
- Permitted organisms
- Range of import, movement and keeping requirements for each

Modern biosecurity legislation deals with biosecurity matter and dealings

- Prohibited matter
- Restricted matter
- Permitted matter
- Any type of dealing with biosecurity matter
- Benefit of application to non-organisms

4

Planning and coordination mechanisms

- Particularly important for established species – where concentrated and ongoing effort is required
- Need for greater state-level and regional coordination, and provision of local mechanisms
 - Wider collaboration is needed
 - Strategic and accountable process for prioritisation and resource allocation
 - Remove barriers to local and regional control programs
 - Support innovation and cost-effectiveness
 - Support outcomes and activities rather than groups
- Supported by recent UN/IPBES report

5

Categories of weeds – WA vs NSW

	Priority	BAM Act	NSW <i>Biosecurity Act 2015</i>	
<i>Salvinia molesta</i> (salvinia)	State	Prohibited organism	GBD applies	Prohibited matter - State priority weed
<i>Echium plantagineum</i> (Paterson's Curse)	Regional	Declared pest		Regional priority weed
<i>Cortaderia selloana</i> (pampas grass)	Local	Permitted organism (regulated by local government)		

6

Determining weed categories in NSW

- State Priority Weeds are prohibited matter
- **Preliminary Weed Risk Assessment** for suspect plants
- If 'yes' to all assessment questions, plant listed for high priority assessment and prioritisation
 - *NSW Weed Risk Management System*,
 - *Biodiversity Priorities for Widespread Weeds System*

7

Managing weeds in NSW

- Guiding principles**
- Protect Priority Sites
 - Manage Weeds
 - Manage Sites

Management actions determined using **NSW Weed Risk Management System**

- Tool that evaluates weed species
- Assumes only existing control practices
- Allows for the calculation of uncertainty
- Weed risk criteria
 1. Invasiveness
 2. Impacts
 3. Potential distribution
- Feasibility of coordinated criteria
 1. Control costs
 2. Persistence
 3. Current distribution

Weed Risk	Feasibility of Coordinated Control				
	Negligible (113+)	Low (56-113)	Medium (31-55)	High (14-30)	Very High (<14)
Negligible (<13)	Limited Action	Limited Action	Limited Action	Limited Action	Monitor
Low (13-38)	Limited Action	Limited Action	Limited Action	Monitor	Monitor Protect Priority Sites
Medium (39-100)	Manage Sites	Manage Sites	Manage Sites	Protect Priority Sites	Contain Spread
High (101-192)	Manage Weed	Manage Weed	Protect Priority Sites	Contain Spread	Destroy Infestations
Very high (192+)	Manage Weed	Manage Weed Protect Priority Sites	Contain Spread	Destroy Infestations	Eradication

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8

Funding weed management in NSW *Weeds Action Program*

- State level sub-programs
 - 1-5 years in length
 - has state-level strategic significance and benefits
 - may require infrastructure or system development
- Regional sub-programs
 - 3-5 years in length
 - involves multiple stakeholders in a Local Land Services region
- Innovative sub-programs
 - an occasional competitive funding stream

9

Thank you

dpird.wa.gov.au    

Important disclaimer

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