PLANT BIOSECURITY RESPONSES

Citrus Biosecurity Symposium | 5 March 2024

PHA: Naomi Wynn | A/Manager Learning and Development



PARTNERSHIPS IN BIOSECURITY RESPONSES



Where do biosecurity activities take place?







PRE-BORDER

Department of Agriculture, Fisheries and Forestry

- Risk analysis and import approvals (including management and communication). Near neighbour surveillance and capacity development
- Export market access negotiations
- Offshore assessment, audit and verification
- International standards development
- Capacity building in overseas countries
- Gathering global pest intelligence



AT THE BORDER

Department of Agriculture, Fisheries and Forestry

- Inspection and monitoring
- Enforcement and compliance
- Implementation of risk management system
- Policy implementation
- Education and awareness





POST-BORDER

Department of Agriculture, Fisheries and Forestry, state and territory governments, plant industries, PHA, producers and community

- Monitoring and serveillance
- National coordination and response to pest incursions
- Domestic quarantine movement restrictions
- Pest management
- Breeding of resistant varieties
- Emergency preparedness activities
- Simulation exercises
- Education and awareness
- Preparedness measures
- Farm biosecurity



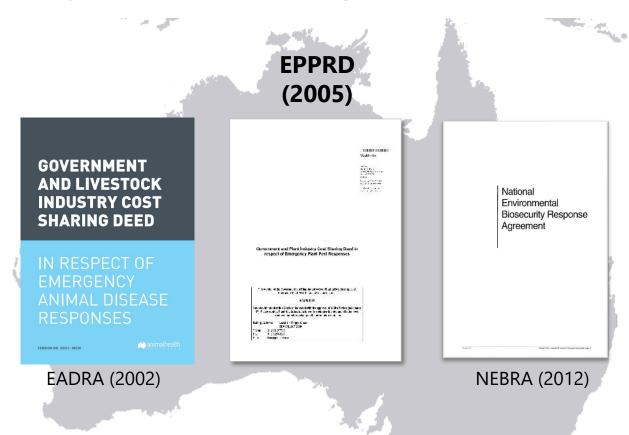


Responding to plant biosecurity incidents

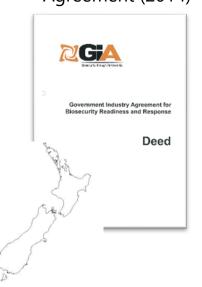
State/Territory biosecurity arrangements National biosecurity arrangements Cost shared agreements Biosecurity legislation EADRA EPPRD NEBRA Plans Manuals • Biosecurity Incident Management System Procedures • Australasian Inter-Service Work instructions Incident Management System Templates • Response plans **Incident specific response plan**



Emergency response agreements



Government Industry Agreement (2014)





PHA Members



























Emergency Plant Pest Response Deed (EPPRD)

- Legally binding
- Shared role in decision making
- Equitable sharing of costs
- Potential for reimbursement to impacted growers
- Commitment to capacity/capability and risk mitigation







PLANTPLAN

- Nationally consistent guidelines and procedures
- Response must adhere to PLANTPLAN
- Bridges the national and regional response activities
- Frequently reviewed and updated







Reporting obligations

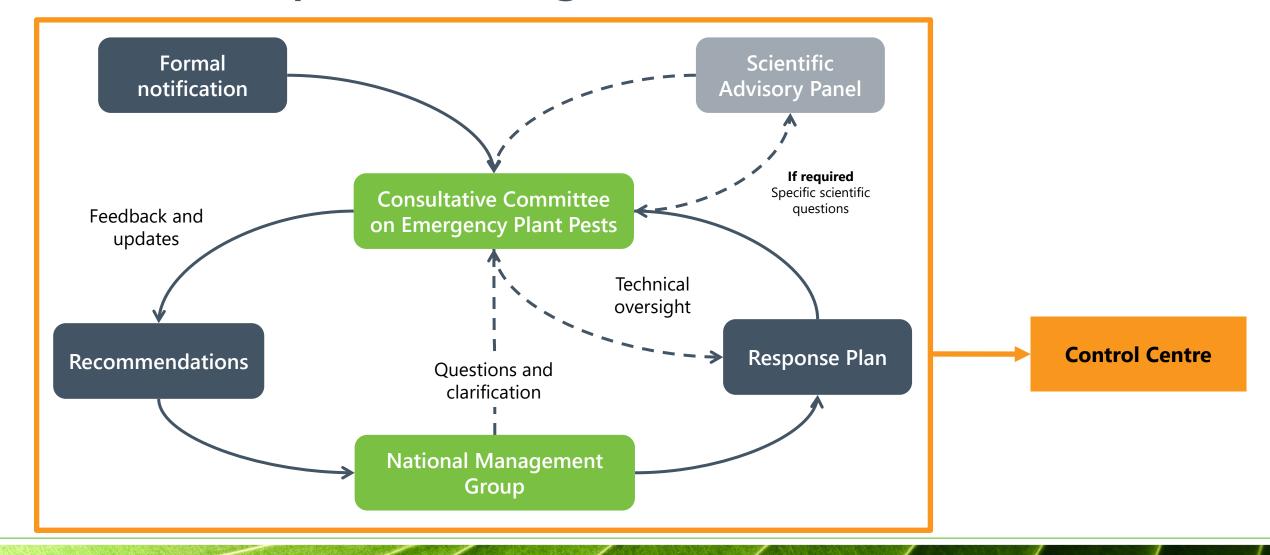
- All individuals have an obligation to report suspected Emergency Plant Pests (EPPs)
- Governments must report within 24 hours
- Jurisdictional legislation also mandates reporting
- Industry responsibility under the EPPRD to take reasonable steps to ensure reporting occurs [clause 4.1]







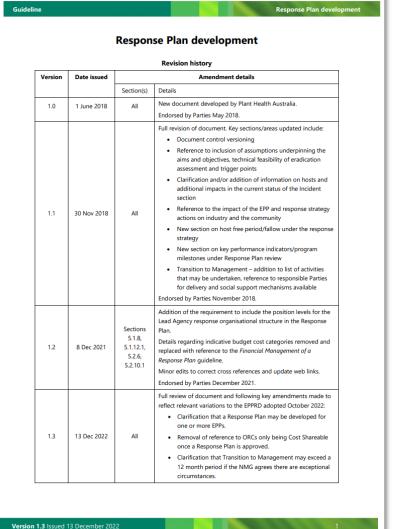
National response management





Response Plan development

- High level strategic document [Schedule 5]
- Prepared by the Lead Agency
- Phased approach an option
- Covers all response activities (Cost Shared and non-Cost Shared)
- Inclusive of the indicative budget









CCEPP meeting

- Members (Representative)
 - All government Parties
 - All Affected Industry Parties
 - Plant Health Australia
- Standing members for DAFF import/export
- Chaired by ACPPO / secretariat DAFF
- Decisions by Consensus no quorum required



This job card outlines the roles and responsibilities of the Consultative Committee on Emergency Plant Pests (CCEPP) during all phases of a response to an Emergency Plant Pest (EPP) under the Emergency Plant Pest Response Deed (EPPRD). Specific details on the roles and responsibilities of individual CCEPP Representatives are also provided.

This document is provided as a guide and does not contain every action that may be required in responding to an Incident'. Information is not presented in any particular order. Capitalised words and terms (excluding names) are a reference to the defined words/ferms within the EPPRD.

Document revision history

Version	Date issued	Amendment Details					
		Section(s)	Details				
1.0	22 May 2015	All	Developed by Job Cards Working Group. Approved by Job Cards Working Group 22 April 2015. Endorsed by Parties May 2015.				
2.0	29 Nov 2016	All	Details relating to Transition to Management Phase and phased responses incorporated. Addition of CCEPP responsibility in respect of financial matters relating to a Response Plan and role of PHA in preparing NMG papers related to Cost Sharing of a Response Plan. Clarification of the role of the CCEPP in the development of national talking points. Minor editorial changes for clarity and consistency with PLANTPLAN. Endorsed by Parties November 2016.				
2.1	30 Nov 2017	Investigation and alert phase; Operational phase	Update on talking points endorsement and clarification regarding Transition to Management, consistent with changes to PLANTPLAN. Endorsed by Parties November 2017.				
2.2	26 Nov 2019	All	Clarification of the role of CCEPP in development and review of the response strategy and Response Plan. Clarification of the processes for seeking of advice through SAPs and other means. Reflection of the agreed process that the ACPPO approves the national talking points.				

¹ Where the term 'Incident' is used throughout this document, it refers to a confirmed occurrence of, or reasonably held outpuishoon of the occurrence of, an EPP, or the occurrence of an unchasgorised Plant Past or Vector which is reasonably believed to be an EPP (not including circumstances in which an investigation comes to a provisional finding or diagnosis that the Plant Pest or Vector is already established.

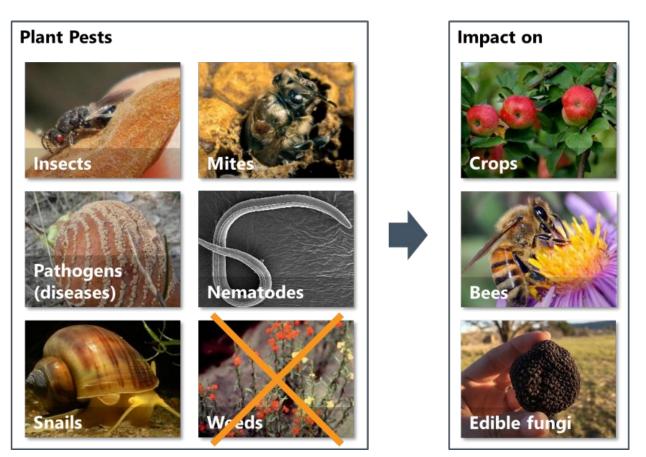
Version 2.4 Issued 13 DECEMBER 2022

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Are we dealing with an EPP?

- Impact of national importance
- Post border incursions not interceptions
- Definitions in the EPPRD
- Now also 'Vectors' as part of a known 'Complex'





Feasibility of eradication

Technically feasible?

- Is the pest a good candidate for eradication?
 - o Biology of the pest?
 - Available controls?
 - o Can we diagnose it?
- Are the circumstances conducive for eradication?
 - Can we find all sites?
 - Stakeholder/public acceptance of strategy?
 - o Legislative impediments?

Cost beneficial?

Cost Benefit Analysis (CBA)







National Management Group (NMG)

- Members (Representatives)
 - All Government Parties
 - All Affected Industry Parties
 - Plant Health Australia
- Chaired by DAFF (Secretary) / secretariat DAFF
- Non-cost sharing decisions by Consensus
- Cost Sharing decisions Unanimous (with only funding Parties having a vote)

Job card National Management Group

National Management Group

This job card outlines the roles and responsibilities of the National Management Group (NMG) during all phases of a response to an Emergency Plant Pest (EPP) under the Emergency Plant Pest Response Deed (EPPRD). Specific detail on the roles and responsibilities of NMG Representatives is also provided.

This document is provided as a guide and does not contain every action that may be required in responding to an Incident'. Information is not presented in any particular order. Capitalised words and terms (excluding names) are a reference to the defined words/terms within the EPPRD.

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2.0	29 Nov 2016	All	Details relating to Transition to Management Phase and phased responses incorporated.		
			Minor editorial changes for clarity and consistency with PLANTPLAN Endorsed by Parties November 2016		
2.1	30 Nov 2018	All	Clarification of requirement for all NMG members and other participants to complete a Confidentiality Deed Poll.		
			Reference to requirement for NMG members to be trained including completion of introductory training courses (BOLT) before participation in NMG.		
			Reference to NMG members maintaining records of time spent engaged in Cost Shared Incidents for the purpose of determining wider costs.		
			Reference to NMG considering the terms of reference for the Financial Audit.		
			Clarification of distinction between Transition to Management and the Transition to Management Phase and the role of the NMG at th stage of the response. Minor editorial changes for clarity and consistency with PLANTPLAN.		
			Endorsed by Parties November 2018.		
2.2	13 Dec 2022	All	Amendments made to reflect relevant variations to the EPPRD adopted October 2022, including updated clauses, definitions and terms of references for the NMG.		

¹ Where the term Incident 'is used throughout this document, it refers to a confirmed occurrence of, or reasonably held suspicion on the occurrence of an EPP, or the occurrence of an Inceptorised Plant Fest or Vector which is reasonably believed to be an EPP Protion including circumstances in which an investigation comes to a provisional finding or diagnosis that the Plant Pest or Vector is already established in Australia).

Version 2.2 Issued 13 DECEMBER 20



What does the NMG do?

- Receives advice and regular reports from the CCEPP (including expenditure reports and technical advice)
- Approve the Response Plan and its indicative budget
- Did reporting occur properly?
- Has an EPP been eradicated?

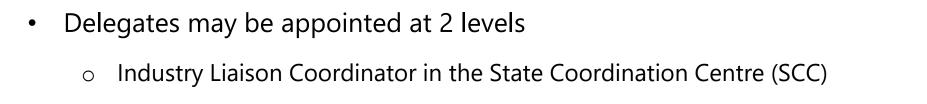
- Upper Limit on Expenditure?
- Should the Agreed Limit increase?
- Efficiency audit and financial audit considerations



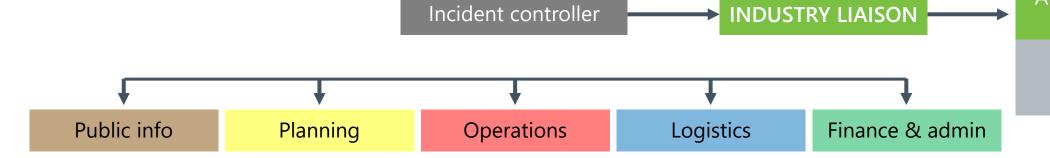
INDUSTRY LIAISON Plant Health AUSTRALIA

Industry Liaison

• Key industry/government partnership in a response - critical link between Incident Management Team and affected industry sector



Industry Liaison Officer in the Local Control Centre (LCC)



CCEPP

Commonwealth

State/Territory
governments

Affected Industry

NMG

Plant Health Australia

Parties



Industry Liaison



Chief Plant Health Manager invites



Affected Industry Party appoints



Lead Agency arranges attendance and induction



Victorian State Coordination Centre





Who funds a response?



CATEGORY 1

100% Government funded

CATEGORY 2

80% Government funded

20% industry funded

CATEGORY 3

50% Government funded

50% industry funded





Government funded

80% industry funded

Very high public benefit of eradication

- Major environmental damage
- Affect human health
- Damage to amenity plants

Mainly private benefit from eradication

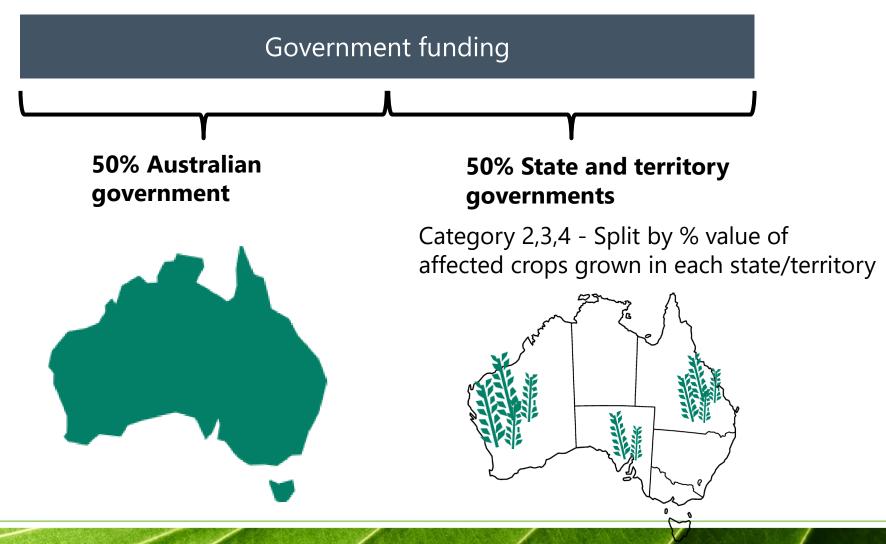
- Little or no public cost implications
- Additional production costs
- No significant trade issues







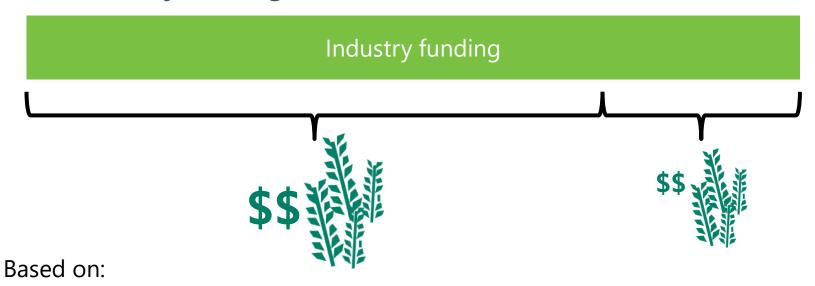
Proportional shares





Proportional shares

All industry funding



• the Local Value of Production of the crop (3 year rolling average)

and

the importance of the EPP to the industry (impact rating / funding weight)





What are Owner Reimbursement Costs (ORCs)?

ORCs are a reimbursement payment to partially mitigate the impact of a response on growers.



Owner Reimbursement Costs (ORC)

- Reimbursement to Owners:
 - directly impacted by Response Plan requirements
 - by NMG agreement ('ORCs in the absence of a Response Plan')
- Payment made by the Lead Agency to the Owner of the crop and maybe Cost Shared
- Payments made on an agreed valuation approach
- ORC evidence framework identifies data sources to support calculation



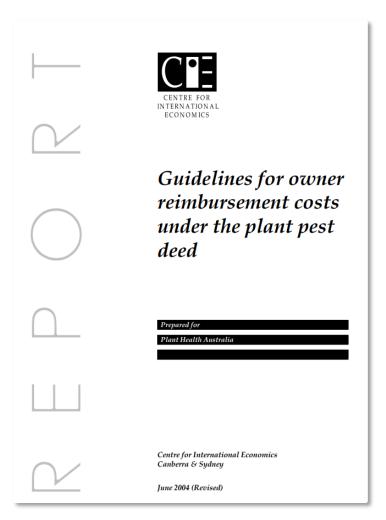
Citrus Canker



Owner Reimbursement Costs (ORC)

- Actions must be directed by the state/territory government
- Commercial business
- Represented by a signatory to the EPPRD
- Does not cover downstream industries (such as packing, transport companies)

ORCs will not cover all losses/costs incurred by a grower impacted directly by a response plan.





ORCs: What can be included?

	Annual broadacre	Perennial broadacre	Annual short rotation	Nursery root stock and large rooted plants	Honeybees	Perennial trees and vines
Value of crops destroyed	+	+	+	+	+*	+
Direct additional costs from the Response Plan	+	+	+	+	+	+
Replacement of capital items	+	+	+	+	+	+
Loss of profits from a fallow period	+	+	+		+	+
Crop destruction costs		+				+
Crop replanting costs		+				+
Loss of profit from non bearing period						+
Stored products destroyed	+	+	+	+	+	+
Production costs	-	-	-			-
Profits from next best alternative enterprise	-		-			



How do we improve?

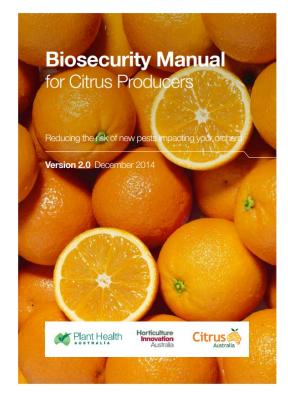


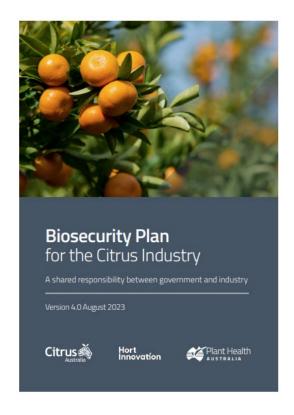


Where can you find more information?











Where can you find more information?



Plant Biosecurity in Australia

Industry Liaison Officer eLearning

Growers and Researchers Pest Reporting and Responding

CitrusWatch

www.phabolt.com.au



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