

Plant Biosecurity Research Symposium Program

Biosecurity RD&E collaboration across industries and the Tasman

15–16 August 2019 | The Edge, State Library of Queensland, Brisbane

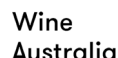
Day 1 15 August 2019

Time	Session/topic	Presenter
8:30am Registration		
9:00am	PBRI introduction	Dr Jo Luck PBRI
9:10am	Performance	Gawurra
9:20am	Opening and welcome	Dr Lyn O'Connell DA
9:30-10:00 am	KEYNOTE: Biosecurity lessons learnt – a grower's perspective	Doug Phillips Past president, Australian Banana Growers' Council
Session 1	Preparedness: Biosecurity threats and the risk to business – what have we learnt and are we prepared?	Chair: David Moore GM RMI, Hort Innovation
10:00am	Preparedness for spotted wing drosophila: an integrated approach	Dr Jess Lye cesar
10:10am	Grains Biosecurity Program	Stuart Kearns PHA
10:20am	Exercise Blue Print	Sally Ceeney Cotton Australia
10:30-11:00am <i>Morning tea</i>		
11:00am	Lockdown: inside a Phylloxera incursion	Dr Inca Pearce VineHealth
11:10am	Are we prepared for the next exotic tree pest? Lessons from recent case studies	Dr Angus Carnegie DPI NSW
11:20am	Shutting the gate before the horse bolts: what does this look like in the sugar industry?	Dr Robert Magarey SRA
11:30am	Can we import honey bee germplasm for Varroa tolerance without introducing exotic viruses?	Dr John Roberts CSIRO
11:40-11:45am Questions		
Session 2	Diagnostics: Identifying biosecurity threats	Chair: Jodie Mason Forest Research Manager, Forest and Wood Products Australia
11:50am	Phytophthora: a common enemy?	Prof Andre Drenth UQ
12:00pm	Newly developed molecular tools overcome diagnostic complexities for <i>Verticillium dahliae</i>	Dr Toni Chapman NSW DPI
12:10pm	Chlorotic streak disease: the causal agent discovered	Dr Kathy Braithwaite SRA
12:20pm	Working towards a sensitive and user-friendly diagnostic tool for Karnal bunt	Dr Mui Keng Tan DPI NSW
12:30pm	In field diagnostics for cross-sectoral disease caused by Xylella	Dr Brendan Rodoni AgVic
12:40pm Questions		
12:45-1:40pm <i>Lunch</i>		

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Time	Session/topic	Presenter
Session 3	Surveillance: Monitoring for early detection and area freedom	Chair: Dr Ken Young Senior Manager Biosecurity and Regulation, GRDC
1:40pm	Rapid pest/disease surveillance and monitoring using smart technology for crop protection and market access	Dr Dustin Severtson DPIRD
1:50pm	iMapsPESTS Sentinel Surveillance for Agriculture	Jess Holliday Hort Innovation
2:00pm	Northern Australian surveillance	Darren Peck DA
2:10pm	Area freedom for sugarcane Fiji leaf gall in central Queensland	Dr Nicole Thompson SRA
2:20pm	Surveillance, a vital component of a healthy biosecurity system	Prof. Tom Kompas CEBRA
2:30pm	Multi-stakeholder forests surveillance program	Paco Tovar PHA
2:40pm	Surveillance and studies for exotic and endemic virus diseases of cotton	Dr Murray Sharman QDAF
2:50pm	Alfalfa dwarf disease-associated viruses in Argentina and Australia	Assoc. Prof. Ralf Dietzgen UQ
3:00pm Questions		
3:05-3:30pm <i>Afternoon tea</i>		
Session 4	Sustainable pest, disease and weed management	Chair: John Smith GM Research, AgriFutures Australia
3:30pm	Threats to current control options in sugarcane	Dr Andrew Ward SRA
3:40pm	Be alert, be nimble: maintaining effective pest management for long-lived forestry investments drawing on case studies	Dr Tim Wardlaw UTas
3:50pm	Bioclay – solutions for endemic and exotic threats	Prof. Neena Mitter UQ
4:00pm	Incursion management of exotic grapevine foliar diseases angular leaf scorch and black rot	Dr Mark Sosnowski SARDI
4:10pm	TBC	
4:20pm	Tools to sustainably manage an emerging notifiable pest - the vegetable leafminer	Dr Elia Pirtle cesar
4:30-5:00pm Questions and discussion		
5:00pm Close of Day 1		
6:00pm	Cocktail Dinner Queensland Terrace Symposium address: 2020 – the Year of Plant Health	Dr Kim Ritman Australian Chief Plant Protection Officer, DA



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Day 2 16 August 2019

Time	Session/topic	Presenter
9:00-9:30 am	KEYNOTE: TBC	
Session 5	Trans-Tasman biosecurity – collaboration and opportunities	Chair: Dr James Buwalda Chair, B3 Council
9:30am	Growing up with B3. Effective science, government and industry collaboration for plant border biosecurity outcomes	Dr David Teulon B3
9:40am	A world first. What pre-emptive biocontrol might mean for BMSB?	Dr Gonzalo Avila Plant and Food Research
9:50am	Using eDNA to detect new insects and pathogens in New Zealand	Dr Simon Bulman Plant and Food Research
10:00am	A co-innovative approach for assessing the biosecurity risks from pests and diseases of pastures	Dr Craig Phillips AgResearch
10:10am	Leading and taking collaborative action towards biosecurity excellence – Tauranga Moana Biosecurity Capital	Penny Payne AgResearch
10:20am	Bi-cultural partnerships to optimise biosecurity outcomes with respect to BMSB	Aleise Puketapu Plant and Food Research
10:30am	Questions	
10:35am	<i>Morning tea</i>	
Session 6	Capacity building: Future expertise in biosecurity across sectors – are we prepared?	Chair: Dr Harjeet Khanna GM Research, SRA
11:00am	Characterisation of the microbiome associated with grapevines and evaluation of endophytic microorganisms as biological control agents of grapevine trunk disease pathogens	Jennifer Niem CSU
11:10am	Building bug capacity from PhD to post doc	Dr Dean Brooks UQ
11:20am	TBC	
11:30am	Redefining Pachymetra root rot management strategies	Alison Jenson CQU
11:40am	Climate and fruit fly in Australia – SITplus	Sabira Sultana MQU
11:50am	TBC	
12:00pm	Giant pine scale bio control	Duncan Jaroslow LTU
12:10pm	Optimising biosecurity investment and effort across the biosecurity continuum	Dr Melissa Welsh SCION
12:20pm	Biosecurity research in the research for development context	Dr Sarina Macfadyen ACIAR
12:30pm	Questions	
12:35pm	<i>Lunch</i>	

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Time	Session/topic	Presenter
Session 7	Industry resilience: Coping with future shocks – business continuity	Chair: Dr Liz Waters GM R&D, Wine Australia
1:30pm	Lessons from recent incursions – citrus canker	Dr Anne Walters DPIR NT
1:40pm	Xylella awareness and coordination of R&D	Craig Elliot Wine Australia
1:50pm	Industry and government ‘partnerships in peacetime’	Dr Rosa Crnov AgVIC
2:00pm	Biosecurity and sugarcane growers	Matt Kealley Canegrowers
2:10pm	Forest industry biosecurity	Islay Robertson HQ Plantations Qld
2:20pm	TBC	
2:30pm	Industry meeting its shared responsibility	John McDonald NGIA
2:40pm	TBC	
2:50pm	Resilience assessment of the Australian cotton industry	Francesca Andreoni Bel Tempo Natural Resource Management
3:00pm	Learning from the bacterial blight outbreak in kiwi fruit and preparing for the future	Matt Dyck Kiwi Vine Health
3:10pm Questions		
3:15-3:30pm <i>Afternoon tea</i>		
3:30pm	EUPHRESCO, a European model for plant biosecurity RD&E investment	Dr Baldissera Giovanni
Session 8 3:45pm	Cross-sectoral RD&E priorities for biosecurity panel with Greg Fraser, Dr Jo Luck, Dr James Buwalda and Dr David Teulon <i>Questions and suggestions from the floor and then Q&A Audience Poll Everywhere</i>	Chair: Dr Susan Maas R&D Investment & Impact Manager, CRDC
4:30pm	PBRI presentation prize	Awarded by Tim Lester (EO, Council of Rural RDCs)
4:40pm	Closing remarks and acknowledgements	Greg Fraser (Executive Director & CEO PHA, Chair PBRI)
4:45pm Close		

