



# FOURTH BETTER BORDER BIOSECURITY (B3) CONFERENCE

## Programme



**DAY 01**  
 17 May 2021

08.30	<b>Registration</b>	
09.00	Mihi Whakataū	Te Herekīkie Herewini / Ngā Manu Atarau
	Opening	Hon Damien O'Connor
10.00	<b>Morning tea</b>	
<b>KEYNOTE</b>		
10.30	Aotearoa – New Zealand's response to COVID-19	Dame Juliet Gerrard (PMCSA)
<b>SESSION 1 Parallels between COVID-19 and plant border biosecurity</b>		
11.15	Short Presentations followed by Panel discussion	Contributions from: Susanna Finlay-Smits (B3/AGR), Karen Armstrong (B3/PBRI), Manpreet Dhani (B3/MWLR), Carolyn Bleach (MPI), John Kean (B3/AGR)
12.00	<b>Lunch</b>	
<b>SESSION 2 (VIRTUAL) Trans-Tasman collaborative research</b>		
1.00	Introduction	Jo Luck (PBRI)
	Boosting diagnostic capacity for plant production industries – using <i>Xanthomonas</i> as a model	Toni Chapman (NSWDPI)
	eDNA for biosecurity detection and surveillance	Andrew Weeks (CESAR)
	Damages from climate change and changes in trade and pest pathways	Tom Kompas / James Camac (CEBRA)
	Understanding the risk of native insects vectoring <i>xylella</i> in Australia and New Zealand	Piotr Trebicki (AGVIC)
	Post production pilot partnership for the Sterile Insect Technique for Q-fly	Bishwo Mainali (Macquarie U)
2.45	Panel discussion	
3.10	<b>Afternoon tea</b>	
<b>SESSION 3 Biosecurity technologies</b>		
3.40	Electrophysiological tools to enhance risk assessment of biocontrol agents	Kye Chung Park (B3/PFR)
	Digitech in DBRiEF	Craig Phillips (B3/AGR)
	Developing novel volatile detection sensor technologies for biosecurity	Melissa Jordan (B3/PFR)
	Biosensors for plant pathogen detection	Marion Wood (B3/PFR)
	Effectiveness of UAVs for spot spraying large urban trees during incursion responses	Justin Nairn (B3/Scion)
5.00	<b>Wine and nibbles – Summer student poster session</b>	
7.00	<b>Conference dinner</b> Hot Sauce (90 Cable Street – 2 min walk from Te Papa)	

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**BETTER BORDER BIOSECURITY**  
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**DAY 02**  
 18 May 2021

7.00	<b>IYPH Breakfast</b> Closure of New Zealand's involvement in International Year of Plant Health	Penny Nelson (MPI)
8.15	<b>Registration</b>	
<b>KEYNOTE</b>		
8.30	Ensuring we include Māori and Te Tiriti in biosecurity science	Melanie Mark-Shadbolt (TTW)
<b>SESSION 4 Māori imperatives for plant border biosecurity</b>		
9.15	Better border biosecurity; A Māori perspective	Alby Marsh (B3)
	An indigenous prospective on sentinel plants, provenance and Whakapapa	Waitangi Wood (Ngā Rākau Taketake)
	Cultural tourism underpinned by the natural environment	Simon Phillips (Piripi Group)
	Māori and Pasifika collaboration to identify pre-border biosecurity threats to taonga	Julia Soewarto (B3/Scion)
10.15	<b>Morning tea</b>	
<b>SESSION 5 The social imperatives for a Biosecurity Team of 5 million</b>		
10.45	Biosecurity perceptions and practices in and around the Port of Tauranga	Susanna Finlay-Smiths (B3/AGR)
	Interpreting biosecurity threats for visitors	Emma Bodley (ABG)
	Understanding the biosecurity-tourism interface	Mark McNeill (B3/AGR)
	The journey of a community to eradicate	Karen Williams (Fed Famers)
	Citizen science for biosecurity: School children and the local community	Penny Payne (B3/AGR)
12.00	<b>Lunch – Demonstration of Invasion Busters board game (Clyde Quay School)</b>	
<b>SESSION 6 Valuing our biosecurity systems</b>		
1.00	Biosecurity is valuable; right?	Aaron Dodd (CEBRA)
	Investing in Plant Biosecurity in New Zealand	David Teulon (B3)
<b>SESSION 7 New Developments from Biosecurity Partners</b>		
1.45	Biological Heritage NSC – Tranche 2	Daniel Patrick (BHNSC)
	MPI Biosecurity Intelligence	Evelyn Pleydell (MPI)
	Biosecurity Innovations Cluster	Steve Pawson (UC)
	Role of the Chief Biosecurity Officer	Stu Hutchings (MPI)
2.45	<b>Afternoon tea</b>	
<b>SESSION 8 One Biosecurity/ A unified biosecurity system</b>		
3.15	One Biosecurity	Phil Hulme (BPRC)
	Marine biosecurity	Leigh Tait (NIWA)
	Human vector biosecurity	Julia Kasper (Te Papa)
	Animal biosecurity	Mary van Andel (MPI)
4.15	<b>Panel discussion</b>	
4.45	<b>Closing remarks</b>	James Buwalda (Chair B3 CC)
5.00	<b>Close</b>	