



PROGRAMME

2019 Myrtle Rust Science Symposium

The Myrtle Rust Science Symposium will be a thought provoking, informative and interactive event for everyone who is passionate about safeguarding and sustaining Aotearoa's myrtles. Discuss the latest research progress and what it means in the real world. Find out what's happening on the ground and what organisations managing myrtle rust want from the science. Make connections and have your say on what needs to happen now.

Day one – Monday 9 September

8am	Registration desk opens
9am	Mihi whakatau
9.20am	<p>Welcome / Myrtle Rust Strategy 2019-2023</p> <p><i>The strategy's vision is to ensure the mauri of myrtle plants and dependent ecosystems is safeguarded and sustained.</i></p> <p><i>Presenter: John Walsh, Director Readiness & Response Services, Ministry for Primary Industries</i></p>
9.30am	<p>The new Myrtle Rust Science Plan</p> <p><i>An overview of the new science plan, a guide to reducing the harmful effects of myrtle rust.</i></p> <p><i>Presenter: Ken Hughey, Chair, Myrtle Rust Strategic Science Advisory Group</i></p>
9.50am	<p>What's happening 'on the ground'</p> <p><i>Learn what's being done to manage myrtle rust on the ground, and what these organisations need from the science.</i></p> <p><i>Presenters:</i></p> <ul style="list-style-type: none"> • <i>Murray Fea, Senior Biosecurity Adviser, Auckland Council</i> • <i>Matthew Dolan, Chief Executive, New Zealand Plant Producers Inc.</i>
10.20am	Morning tea
10.40am	<p>New Zealand's Biological Heritage Ngā Rākau Taketake</p> <p><i>An update on the new Biological Heritage Challenge programme, focusing on myrtle rust and kauri dieback research.</i></p>

	<i>Presenter: Melanie Mark-Shadbolt, Director Māori, New Zealand's Biological Heritage Ngā Koiora Tuku Iho</i>
11am	<p>Surveillance, monitoring and impact of myrtle rust</p> <p><i>Learn about progress to develop and implement standardised and informative myrtle rust surveillance, monitoring and impact assessment programmes for our myrtle plants and associated ecosystems.</i></p> <p><i>Convenor: Katrin Webb, Principal Advisor Science Investments – Threats, Department of Conservation</i></p> <p><i>Presenters:</i></p> <ul style="list-style-type: none"> • <i>Beccy Ganley, Plant Pathology Science Group Leader, Plant & Food Research</i> • <i>Grant Pearse, Scientist, Scion</i> • <i>James McCarthy, Researcher, Ecosystems & Global Change, Manaaki Whenua – Landcare Research</i> • <i>Fiona Thomson, Myrtle Rust Project Manager, Department of Conservation</i>
12 noon	Lunch
1pm	<p>The international experience</p> <p><i>An overview of myrtle rust in Australia and beyond, and what it means for New Zealand.</i></p> <p><i>Presenter: Angus Carnegie, Principal Research Scientist, Forest Health & Biosecurity, New South Wales Department of Primary Industries, Australia</i></p>
1.30pm	<p>Epidemiology, ecosystems and resilience</p> <p><i>Improve your understanding of how the disease spreads, its impact on myrtle plants and ecosystems, including susceptibility and resilience of different species.</i></p> <p><i>Convenor: Grant Smith, Bioprotection Technologies Scientist, Plant & Food Research</i></p> <p><i>Presenters:</i></p> <ul style="list-style-type: none"> • <i>Rob Beresford, Principal Scientist, Plant & Food Research</i> • <i>Peri Tobias, Researcher, University of Sydney</i> • <i>David Chagne, Science Group Leader, Molecular & Digital Breeding New Cultivar Innovation, Plant & Food Research</i> • <i>Hayley Ridgway, Senior Scientist, Plant & Food Research</i> • <i>Julia Soewarto, Researcher, Scion</i>
2.45pm	Afternoon tea
3.15pm	Managing the myrtle rust invasion – one size doesn't fit all!

	<p><i>Managing the myrtle rust invasion is socially and economically complex. We need to focus on research that can support management actions and engage and empower communities in myrtle rust management.</i></p> <p><i>Convenor: Matthew Dolan, Chief Executive, New Zealand Plant Producers Inc.</i></p> <p><i>Presenters:</i></p> <ul style="list-style-type: none"> • <i>Simon Wegner, Social Scientist, Scion</i> • <i>Andrea Grant, Risk & Resilience Social Scientist, Scion</i>
3.45pm	<p>Creating a myrtle rust community workshop</p> <p><i>How do we create a myrtle rust community, where researchers, iwi, industry, business, funders, managers, government and other stakeholders work together, communicate and share insights, research and learnings?</i></p> <p><i>Facilitator: Matthew Dolan, Chief Executive, New Zealand Plant Producers Inc.</i></p>
4.30pm	Day one wrap-up
5pm – 6.30pm	Networking function – Canapés and drinks

Day two – Tuesday, 10 September

8.15am	Coffee and tea
8.45am	Day one recap and day two introduction
9am	<p>Te Ao Māori and Mātauranga Māori</p> <p><i>Māori have a unique contribution to make to strengthening myrtle rust research and management. Find out more, including how we ensure that Māori are able to contribute as full partners of Te Tiriti o Waitangi, to research initiatives and participate in decision-making and activities at all levels.</i></p> <p><i>Convenor: Nick Waipara, Māori Kaihautū, New Zealand’s Biological Heritage Ngā Koiora Tuku Iko, Myrtle Rust SSAG member & Team Leader Epidemiology and Disease Management at Plant and Food Research</i></p> <p><i>Presenters:</i></p> <ul style="list-style-type: none"> • <i>Alby Marsh, Māori Relationship Advisor & Te Raranga Ahumara, Plant and Food Research</i>

	<ul style="list-style-type: none"> • <i>Waitangi Wood, Environmental Technician, Te Tira Whakamātaki (Māori Biosecurity Network)</i>
10am	<p>Species conservation, disease control and management</p> <p><i>How can we bring together critical research findings to ensure new scientific knowledge is translated into management approaches and tools?</i></p> <p><i>Convenor: Emma Bodley, Botanical Records & Conservation Specialist, Auckland Botanic Gardens</i></p> <p><i>Presenters:</i></p> <ul style="list-style-type: none"> • <i>Jayanthi Nadarajan, Science Team Leader – Germplasm Conservation, Plant & Food Research</i> • <i>Heidi Dungey, Science Leader, Genetics & Research Leader, Tree Breeding, Scion</i> • <i>Soonie Chng, Scientist, Plant Pathology, Plant & Food Research</i> • <i>Stuart Fraser, Forest Pathologist, Scion</i> • <i>Bec Stanley, Curator, Auckland Botanic Gardens</i>
10.30am	Morning tea
11am	Species conservation, disease control and management (continued)
11.30am	<p>Beyond Myrtle Rust</p> <p><i>An overview of the Beyond Myrtle Rust research programme.</i></p> <p><i>Presenter: Mahajabeen Padamsee, Principal Investigator, Beyond Myrtle Rust</i></p>
11.50am	<p>Key learnings from what we've heard so far</p> <p><i>Presenter: Ken Hughey, Chair, Myrtle Rust Strategic Science Advisory Group</i></p>
12 noon	<p>Lunch</p> <p>Beyond Myrtle Rust Meeting</p> <p><i>Beyond Myrtle Rust stakeholders – please get your lunch and bring it back to the main event room for your stakeholder meeting, starting at 12.10pm. All delegates are invited to join the meeting.</i></p>
1.15pm	<p>Essential infrastructure required</p> <p><i>Essential infrastructure is required to support the research, including seedbank facilities and accessible repositories for data. Two workshops will identify what we have; what we need; and how to close the gap:</i></p> <ul style="list-style-type: none"> • Workshop 1 – data, including accessible repositories <p><i>Facilitator: Ken Hughey, Chair, Myrtle Rust Strategic Science Advisory Group</i></p> <ul style="list-style-type: none"> • Workshop 2 – germplasm, including seedbank facilities <p><i>Facilitator: Naomi Parker, Manager Science Policy, Ministry for Primary Industries and Myrtle Rust SSAG member</i></p>

2.15pm	Afternoon tea
2.30pm	Report back from workshops <i>Facilitators : Ken Hughey, Chair, Myrtle Rust Strategic Science Advisory Group, & Naomi Parker, Manager Science Policy, Ministry for Primary Industries and Myrtle Rust SSAG member</i>
3pm	Taking action workshop <i>This workshop will discuss what actions can be taken to deliver the priority science identified in the science plan, including who can undertake the research and how we secure funding.</i> <i>Facilitator: Ken Hughey, Chair, Myrtle Rust Strategic Science Advisory Group</i>
3.45pm	Report back from taking action workshop <i>Facilitator: Ken Hughey, Chair, Myrtle Rust Strategic Science Advisory Group</i>
4.15pm Day two will end at approximately 4.30pm	Wrap-up <i>Key takeaways and actions from Day two.</i> <i>Presenter: Naomi Parker, Manager Science Policy, Ministry for Primary Industries and Myrtle Rust SSAG member</i>

The 2019 Myrtle Rust Science Symposium is organised by [Biosecurity New Zealand](#) (part of the [Ministry for Primary Industries](#)), with support from [the Myrtle Rust Strategic Science Advisory Group](#) and the [Department of Conservation](#).

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