

19th – 20th
APRIL 2017

WORKSHOP

Durable Eucalypts on Drylands: Protecting and Enhancing Value

Marlborough Research Centre, Blenheim

WEDNESDAY 19TH

A full-day indoor programme, with presentations by New Zealand and international research scientists and technical specialists.

THURSDAY 20TH

A visit to a NZDFI breeding trial site near Blenheim, where we will see and hear about some of the science that is being put into practice on the network of trial sites around the country.

We will then travel to Richmond for a tour of the LVL plant at Nelson Pine Industries Ltd. NPI is trialling durable eucalypts for its laminated products and has recently worked with University of Canterbury researchers to trial some home-grown *E. globoides*.

Essential information for industry partners, scientists and growers

The NZ Dryland Forests Initiative aims to create a sustainable hardwood industry based on ground-durable eucalypts in New Zealand by 2050. This two-day workshop will inform participants about the world-class, innovative research and development work underway to achieve this vision.

The NZDFI research programme is unique in its integrated approach, with links all along the production chain, from tree breeding and propagation to wood processing and markets. Scientists working along this chain will update us on their latest findings and work programmes.

A number of international speakers will also join the workshop, and we will learn about their experiences with growing and processing durable timbers.

For more information, contact Dr Clemens Altaner
clemens.altaner@canterbury.ac.nz

WEDNESDAY 19TH APRIL

MARLBOROUGH RESEARCH CENTRE

9.25	Welcome	Gerald Hope, Marlborough Research Centre
9.30	NZDFI: achievements, constraints and opportunities	Shaf Ballekom, Proseed
10.00	Siting and microclimates	Serajis Salekin, Euan Mason, Justin Morgenroth, University of Canterbury
10.30	The NZDFI breeding plan	Ruth McConnochie – NZDFI Science Team; Luis Apiolaza, University of Canterbury
11.00	Coffee	
11.20	Managing tree health of eucalypt forests in Australia	Tim Wardlaw, Forestry Tasmania
11.50	Eucalypt defoliation: impacts and monitoring	Huimin Lin, Tara Murray, University of Canterbury
12.20	Minimising growth-strain to improve processing	Nick Davies, Fei Guo, Clemens Altaner, University of Canterbury
12.50	Lunch	
1.30	Heartwood and durability	Jeffrey Morrell, Oregon States University
2.00	Determining the natural durability of eucalypts in Australia	Laurie Cookson, wood durability consultant
2.30	Improving heartwood of durable eucalypts	Jackley Li, Gayatri Mishra, Clemens Altaner, University of Canterbury
3.00	Tea	
3.30	Vegetative propagation of durable eucalypts	Paul Schroeder – Proseed
3.45	Tissue culture of durable eucalypts	David Leung, University of Canterbury
4.00	Down-stream opportunities: LVL requirements and markets	Tomo Kakitani, Sumitomo
4.30	Close	
5.30	Drinks and barbecue, Marlborough Research Centre	

THURSDAY 20TH APRIL

FIELD TRIP

8.30am	Convene, Marlborough Research Centre. Board coach	
9.00 – 11.30	<p>NZDFI breeding trial, Cravens Road</p> <ul style="list-style-type: none"> - Early selections - Tree coring - Phenotypic variability - Seeds / flowering - Insects - Silviculture - Coppicing and propagation 	<p>Paul Millen, NZDFI Project Manager will lead this visit.</p> <p>Also including contributions from scientists on practical elements of their research using the NZDFI trial network.</p>
12.30	Lunch stop, Pelorus Bridge (packed lunch provided)	
1.45	Nelson Pine Industries Ltd – visit to Laminated Veneer Lumber (LVL) plant	Richard Barry – Nelson Pine Industries Ltd
3.15	Depart NPI for Nelson Airport (arrive 3.30pm), Blenheim Airport (arrive approx. 5.00pm), and Marlborough Research Centre.	

REGISTRATION

Durable eucalypts on drylands: Protecting and enhancing value

Completed registration forms should be forwarded to Mandy Mitchell: mandy@mrc.org.nz or MRC, Private Bag 1007, Blenheim 7240, and payment made, by Wednesday 12th April

Please register me for the workshop and/or field visit:

Name:

Organisation:

Email: **Phone:**

Please indicate which sessions you would like to attend. Costs include lunch and morning/afternoon teas.

April 19th

Science presentations, Marlborough Research Centre \$ 30.00

Barbecue, Marlborough Research Centre \$ 40.00

April 20th

The NZDFI trial site and Nelson Pine Industries Ltd \$ 30.00

Total \$ _____

Dietary requirements: Please indicate whether you have any special dietary requirements:

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Airport drop off, April 20th:

Please indicate whether you would like to be dropped off at either Nelson or Blenheim airport:

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Please make payment by internet banking to a/c: **02 0600 0162599 002**

Please include your **SURNAME** as reference and **NZDFI17** as code

Please register and make payment by Wednesday 12th April.

For more information, contact: Clemens Altaner: 021 029 69873

Paul Millen: 021 662 147

Overnight accommodation in Blenheim

There is a range of good accommodation available in Blenheim. Options within walking distance of the Marlborough Research Centre are:

- Grove Park Motorlodge, 81 Grove Road
- Blenheim TOP 10 Holiday Park.