Provider: Forest Research

- Current Projects:
  - "Electronic guide to forest pests and diseases in New Zealand." Research Provider: Forest Research. Website address: [http://netlist.co.nz/foresthealth](http://netlist.co.nz/foresthealth)
  - "Quantifying possum damage in radiata pine plantations." Research Provider: Landcare Research
  - "Pitch canker - seed treatments and seed testing." Research Provider: Forest Research
  - "Induced resistance of Pinus radiata to pine pitch canker." Research Provider: Forest Research
  - "New biological control agent for broom." Research Provider: Landcare Research
  - "Evaluation of risk and impact of possum damage to radiata pine plantations." Research Provider: Forest Research
  - "Pest detection surveys by low level helicopter flights." Research Provider: Forest Research

Approved Projects (May 2000) for 2000/2001:

- "The economic impact of the Monterey pine aphid." Research Provider: Crop and Food Research
- "Biological control of Blackberry." Research Provider: Landcare Research
- "Cattle grazing and Diplodia staining in Pinus radiata". Research Provider: Forest Research

If you wish to find out more about the NZFHRC please contact: Chairperson: Helen Chapman, Forest Health Dynamics Ltd, PO Box 165, ROTORUA; Phone: (07) 332 2113 or (025) 592 388; Fax: (07) 332 3434; Email: [ForestHealth@clear.net.nz](mailto:ForestHealth@clear.net.nz)
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**Editorial Contributions**

Editorial contributions to the New Zealand Journal of Forestry should be sent to:

The Editor, Dr. Hugh Bigsby, Commerce Division, PO Box 84, Lincoln University, Canterbury, New Zealand.
Email: bigsbyh@lincoln.ac.nz

The Editor welcomes material for all sections of the Journal, and especially professional and peer reviewed articles, critical reviews and shorter technical notes. Authors should clearly indicate in a covering letter whether they are submitting an article for peer review.

1. Articles should deal with subjects of relevance to forestry in New Zealand and the South Pacific.
2. Two copies of the manuscript should be submitted, along with a computer disk copy or emailed. Shorter articles, letters and reviews may also be submitted by email.
3. The hard copies of the manuscript must be typed double-spaced on one side only of A4 paper, leaving a 2.5 cm margin at the left, top and bottom. The use of headings, capitals, lower case and italics should be used as in recent Journals. References should be listed at the end of the paper, in alphabetical order of authors’ names following the practices used in the Journal. In the text all references should be cited by authors' names and year [e.g. Jones and Smith (1985) or Jones 1975]]. With three or more authors, use the first author's name followed by *et al*.
4. The electronic version of the manuscript should be saved in a Word for Windows 95 format for ease of conversion by typesetters and printers.
5. Authors should also submit head and shoulders (passport) photographs of themselves to accompany the article.
6. Figures should not be embedded in the text but appear at the end.
7. Peer reviewed articles may be sent to suitable people for comment prior to being submitted. When this has been done, the names of the referees and their comments should be included with the manuscript.
8. Papers should normally not exceed four printed pages including tables, diagrams, photographs and references. A full page of text is about 1100 words.
9. No article should be submitted which is being offered to any other journal for prior or simultaneous publication.
10. Five copies of the Journal will be supplied free to the authors of articles (but not reviews, letters, comments etc). Additional offprints may be purchased if ordered at the time the manuscript is finally accepted.
11. Photographs to use on covers and in the New Zealand Journal of Forestry are welcome at any time. Electronic versions of photographs and illustrations for use in colour should be sent as .eps files and those used in monochrome can be sent as .tif files. Colur images should be submitted in CMYK and not RGB format.
Proseed celebrates a year of achievement after move south

It's now been a year since Proseed New Zealand closed its Rotorua office and moved all its administration and sales functions to its orchard at Amberley, in North Canterbury.

“We are pleased with the outcome,” says manager Shaf van Ballekom. “Not only has rationalisation resulted in cost savings which are helpful in today’s competitive market, but the closer relationship between sales and seed production is paying off in terms of our ability to respond to increasingly more complex customer requirements.”

Following on from the re-planting 20 hectares at Amberley in 1999, Proseed has now embarked on the next stage of its five-year orchard replacement programme with a large grafting programme underway for the next year’s establishment.

This year, the company has also completed planting its Douglas fir and C. lusitanica and C. macrocarpa orchards. “This demonstrates our commitment to the future,” says Shaf. “We see ourselves as an independent supplier of genetic gain to nursery and forest growers and we expect to be a major player in the market for many years to come.”

Another major change to Proseed’s business has been the implementation of a royalty system by the New Zealand Radiata Pine Breeding Cooperative to help fund the breeding programme. After extensive consultation with the New Zealand Nursery Growers Association, all Radiata pine seedlots with a rating of GF16 or better now attract a royalty, as do cuttings grown from control pollinated seedlots.

The seed and cuttings are sold on the condition that the purchaser agrees not to use the material for breeding. The seed also cannot be used for the production of cuttings or any other vegetative propagules without first obtaining a propagation licence from the Breeding Cooperative. In return, purchasers of CP seed and propagules receive new GF Plus ratings for Branching, Dothistroma resistance, Wood Density, Spiral Grain as well as Growth and Straightness.

The royalties (excluding GST) are set at:
$66/kg for OP seed
$288/kg for CP seed

The royalties (excluding GST) are set at:
$14.40/thousand plants for vegetative propagules

“While this has created a lot of extra work administratively for Proseed, it will ensure a strong breeding programme continues, hence our commitment to making it work,” says Shaf.

New Timber Treatment Process

A new timber treatment process developed by Crusader Engineering Ltd and Forest Research allows continuous treatment of timber as it moves along a production line, rather than treatment in batches. The new system treats to specification in less than 80 seconds rather than the up to two hours required for batch processes. The process was developed for fast, economic treatment of dry structural framing timbers, using boron as the active ingredient and methanol to carry the preservative into the cells of the wood.

With the larger corporate sawmills in New Zealand moving into the dry framing market with kiln-dried and untreated framing timber, the process will probably be marketed overseas first.

New Zealand continues to allow high temperature kiln-dried framing timber to be used without any treatment against rot, decay or insect attack, but countries such as the United States and Australia are moving towards treating framing timbers.

Calendar 2000

The following conferences, expos, courses and other events will be of interest to readers. Details are brief, so please contact the organisers for more information.

National Forest Industries Conference
October 5, 2000
Auckland
Theme: Shaping the future - with Government
NZ Forest Industries Council/NZ Forest Owners Assoc.

NZ Pine Manufacturers Association
28-29 October
NZ Pine Manufacturers' Association, Mt Maunganui, New Zealand.
Venue and theme to be finalised.
nzpma@xtra.net.nz