

Information resources for farm forestry

A database of recommended resources for farm and small-scale forestry

MPI Sustainable Farming Fund project L12/095

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Would you like to add to the database?

If you have any suggested additions or updates to the database, please contact Harriet Palmer: harriet.e.palmer@gmail.com

Using this database

Our aim in compiling this database has been to collate a list of the **very best** resources currently or recently available, including literature, web-based resources, ‘living resources’ such as showcase farm forestry properties, and organisations associated with farm forestry. The database is especially intended to help those new to farm forestry to access the wealth of resources and expertise that already exists around New Zealand.

Almost all the entries to the database have been recommended by people with in-depth experience in New Zealand farm forestry. These are people with many years’ experience of growing and harvesting their own trees, or associated work, education or extension. They represent the farm forestry community’s expert practitioners, and their judgement is respected.

Searching the database

To search the database, simply enter a key word in the ‘Find’ box (if you cannot see this box, press Ctrl+F), press the Enter (Return) key, and then use the ‘Find next’ tool to lead you to all the entries in the database containing your search word.

‘Available from’ information

Information on where to obtain publications, or who to contact, will inevitably change over time.

Rating of entries – relevance to farm foresters

We have assigned a star rating to the publications listed in the database, based on the recommendations of our contributors:

Assigned rating	Definition
***	Highly recommended: in most cases targeted specifically for a farm forestry audience.
**	Highly recommended: may only apply to a certain region or interest group.
*	Recommended: either for specific interest group or as a more general resource
UR	Unranked – included by authors of this report where few or no recommended resources.


Link to full citation

Full bibliographic details of all published documents are available at the end of the database. To go straight to the details of any particular publication, press the Ctrl key and click on the link in the entry in ‘Link to full citation’ column.

Living resources

Here we provide a list of recommended properties throughout New Zealand – private and public – which people are invited to visit. Many are NZFFA award winners. We have included owner’s contact details where necessary. Please do contact owners in advance if you would like to visit their property.

Title	Author/source Date	Summary of contents and key words	Available from	Free or priced	Rating for farm foresters	Link to full citation
1. Recommended general farm forestry, forestry and tree-related publications						
Facts and Figures, NZ Plantation Forest Industry	Forest Owners' Association/ MPI, 2014	This brochure, published yearly, contains background information and statistical data on the New Zealand forest industry.	Forest Owners Association	Free	***	Forest Owners Association
A Forestry Sector Study 2009	MAF Policy	Full-blown analysis of the NZ forest sector and its place in the national economy. Good source of facts and figures. Originally written in 2007/08 so some parts now out of date.	MAF Policy (now MPI), Wellington	Free	*	NZ Ministry of Agriculture and Forestry (MAF) (2009)
A Guide to Safety with Chainsaws	OSH/Dept of Labour	Practical guide to safe chainsaw use, designed for operators	www.osh.govt.nz/publications/booklets/chainsaws/index.asp	Free	***	Department of Labour (2011)
A selection of alternative timbers	John Mortimer	Handbook providing information for growers and sawmillers about timber from a range of NZ alternative plantation species and amenity trees	Rarefind Timbers, Waikato	Priced	***	Mortimer (2003)
Approved Code of Practice for Safety and Health in Forest Operations	Ministry of Business, Innovation and Employment	Full-length (reference) document covering all health and safety requirements for forestry operations. Most relevant to commercial operators.	Available in hard copy or online at: www.osh.govt.nz/publications/booklets/forest-operations/index.shtml	Free	*	Ministry of Business Innovation and Employment (2012)
Chainsaw Operator's Manual: Chainsaw Safety, Maintenance and Cross- cutting Techniques	ForestWorks	Covers basic chainsaw operating techniques including safety, maintenance and cross-cutting, but not tree felling. Detailed diagrams illustrate horizontal, vertical and boring cuts, as well as trimming and cross-cutting techniques.	Manaaki Whenua Press	Priced	**	ForestWorks (2009)

Title	Author/source Date	Summary of contents and key words	Available from	Free or priced	Rating for farm foresters	Link to full citation
1. Recommended general farm forestry, forestry and tree-related publications						
Continuous Cover Forestry: A handbook for the management of New Zealand forests	Ian Barton	A thought-provoking look at continuous cover management systems and preferred species. 'How to' information and practical examples from NZ and overseas.	Tane's Tree Trust	Free to TTT members, otherwise priced	**	Barton (2008)
Creative Forestry – A Guideline for Forest Managers	Clive Anstey, Steve Thompson and Karen Nichols	Understanding how a forest best fits into the rural landscape.	Booksellers	Priced	**	Anstey, Thompson, and Nichols (1982)
Environmental Effects of	J.Piers Maclaren	Environmental evaluation of the effects of establishing pine plantations on grassland.	Scion	Priced	*	J.P Maclaren (1996)
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Farm Forestry: The first 50 years	Joll Hosking	A history of the NZFFA since its formation in 1950s. Includes information on a range of species, and work done by various farm foresters with these.	NZ Farm Forestry Association	Priced	*	Hosking (1999)
Fire Management Guidelines for Small Forests	National Rural Fire Authority	Small handbook with some useful guidelines on fire prevention, preparation for a fire, and managing fire risks	National Rural Fire Authority or local rural fire authorities	Free	**	National Rural Fire Authority (2003)
Forestry Fact Pack: High Country Forestry	NZ Ministry of Forestry	Practical guide for establishing and managing trees on high country properties	May be difficult to source	Free	*	NZ Ministry of Forestry (1994)
Forest Trees of Australia	DJ Boland et al	An essential reference for observing, identifying and obtaining information on the native trees of Australia.	CSIRO and booksellers	Priced	***	Boland, Brooker, and Chippendale (1996)
Guide to Successful Farm Forestry: A Hawke's Bay Perspective	NZFFA Hawke's Bay Branch 2005	Good coverage of different species; relevant to all eastern regions. Good general information on planting and management. Funding being sought to get it available online.	NZ Farm Forestry Association	Priced	**	Thomsen, Stokes, Olsen, and Mackintosh (2005)

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1. Recommended general farm forestry, forestry and tree-related publications						
Having a fire?	Whangarei, Kaipara, and Northern rural fire authorities	Brief guidelines on fire prevention and management	http://havingafire.org.nz/safe-fire-advice/small-forest-management/	Free	*	
			Website only			
New Zealand Timbers: The complete guide to exotic and indigenous woods	NC Clifton	Comprehensive coverage of all NZ's main timber species. Includes colour photos of timbers plus information on sawing, drying and utilisation. Some aspects now out of date.	Booksellers	Priced	**	Clifton (1994)
NZFFA Information leaflets	NZFFA	Introductory leaflets covering a range of important farm forestry topics (most are reprints of Tree Grower articles). Some now dated but some still very relevant.	NZ Farm Forestry Association	Free	***	NZ Farm Forestry Association (2002)
NZ Institute of Forestry Handbook	NZ Institute of Forestry	Handbook with a range of forest management topics; designed for forest managers and consultants. Some finance/tax information for NZ growers. Some sections out of date.	Available in hard copy or on CD from the NZ Institute of Forestry www.nzif.org.nz	Priced	*	NZ Institute of Forestry (1995)
Silvicultural Systems	John D Matthews	Standard text on silvicultural systems from clearcut to selection and including coppice and agroforestry.	Booksellers	Priced	*	Matthews (1991)

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Title	Author/source Date	Summary of contents and key words	Available from	Free or priced	Rating for farm foresters	Link to full citation
1. Recommended general farm forestry, forestry and tree-related publications						
Small Forest Management Handbook series 1. Special Purpose Timber Species, 2. Forestry Joint Ventures, 3. The Resource Management Act, 4. Planning a small forest, 5. Establishing a small forest, 6. Managing a small forest for timber, 7. Harvesting a small forest, 8. Marketing a small forest.	NZ Ministry of Forestry (1995-96)	Series of advisory handbooks covering many practical aspects of small forest management. Popular at the time of production; a lot of the information still relevant.	Some now available on-line: Establishing a Small Forest (1996) http://maxa.maf.govt.nz/forestry/publications/smallforest.pdf Harvesting a Small Forest (1996) http://maxa.maf.govt.nz/forestry/publications/harvesting-a-small-forest.pdf Special Purpose Timber Species 1995 - http://maxa.maf.govt.nz/forestry/publications/SpecialPurposefinal.pdf Others only available in hard copy and may be harder to find.	Free	***	(NZ Ministry of Forestry, 1995a, 1995b, 1995c, 1995d, 1995e, 1995f, 1995g, 1995h)
The Illustrated Encyclopaedia of Trees: Timbers and Forests of the World	Herbert Edlin, Maurice Nimmo et al.	Background to different forests of the world. Pictures and leaf descriptions. Good for tree identification.	Booksellers	Priced	*	Edlin H and Nimmo M et al (1978)
The International Book of Trees	Hugh Johnson	History, establishment, etc as well as sections on main family groups.	Booksellers	Priced	*	Johnson (1973)
The Practice of Silviculture: Applied forest ecology	David Smith et al	Classic American forestry textbook for those interested in applying ecological principles to managing trees	Booksellers	Priced	*	Smith, Larson, Kelty, Mark, and Ashton (1997)

Title	Author/source Date	Summary of contents and key words	Available from	Free or priced	Rating for farm foresters	Link to full citation
1. Recommended general farm forestry, forestry and tree-related publications						
Trees and Shrubs of NZ	AL Poole and NM Adams	Very good quality information (botanical guide). Black and white line drawings and some colour plates.	Booksellers	Priced	**	Poole and Adams (1980)
Trees for the New Zealand Countryside: A Planter's Guide	John and Bunny Mortimer	Excellent guide to tree planting and species choice on farms.	Booksellers	Priced	***	Mortimer and Mortimer (1984)
Reed Field Guide to Exotic Trees in New Zealand: Broadleaves and Conifers	Pam Salmon	Full-colour field handbook, excellent for tree identification.	Booksellers	Priced	*	P. N. Salmon (2003)
The World of Trees	Hugh Johnson	A full-colour, hardback guide to more than six hundred of the world's major forest and garden trees. Includes the structure and life cycle of trees, how trees are named, trees and the weather, the use of trees in gardens and landscape design, and tree planting and care.	Booksellers	Priced	*	Johnson (2010)
Trees on Farms: A guide with local experience of growing trees in the Waikato region	Environment Waikato	Handbook with general farm-based tree planting and management information plus case studies from different types of Waikato farms.	Try Waikato Regional Council or the Waikato Branch of the NZFFA.	Free	***	Environment Waikato (2002)
Trees on Farms: Report for the NZ Farm Environment Award Trust and MAF Study Scholarship	John Mackintosh	An overview of opportunities for trees on farms in NZ written by a Bay of Plenty farm forester and farm environmental award winner.	Available on the Ballance Farm Environmental Awards website www.bfea.org.nz	Free, (unpublished)	**	Mackintosh (2010)
Trees, farms and the NZ landscape	George Stockley	A good general publication. Covers all aspects of tree growing and establishment and is well organised in chapters and appendices. Somewhat dated.	Available from NZFFA Southland Branch	Priced	***	Stockley (1973)
Wood in Australia: Types, Properties and Uses	KR Bootle	Nature of wood and wood properties for a wide range of Australian species.	Booksellers	Priced	**	Bootle (2010)

Title	Author/source Date	Summary of contents and key words	Available from	Free or priced	Rating for farm foresters	Link to full citation
1. Recommended general farm forestry, forestry and tree-related publications						
Woodlots in the landscape	Diane Lucas	A small handbook introducing some useful concepts of practical landscape design for new planters.	May be hard to source	Free	**	Lucas (1987)

Title	Author/source Date	Summary of contents and key words	Available from	Free or priced	Rating for farm foresters	Link to full citation
2. Trees for specific purposes						
Shade and shelter						
Dairy shelter on the Canterbury Plains	SFF Project L09/023 report	Reviews current literature and explores how shelter and shade influence production in a dairy farming system on the Canterbury plains. Considers what value is there to replanting shelter trees on Canterbury dairy farms.	AgResearch publications	Free	UR	Goulter (2010)
Land Management series	Hawke's Bay Regional Council	Several short brochures for landowners on various aspects of shelterbelt design and management in hill country.	www.hbrc.govt.nz/Services/Environment/Environment%20Topics/Pages/land-management.aspx	Free	***	
Restoring your patch	Southland Community Nursery	Practical information on designing and establishing a shelterbelt using native species.	www.southlandcommunitynursery.org.nz/	Free	***	
Shelter for Lambing	MAF Policy Report 2004	Full literature review; many useful references	May be difficult to source. Try MPI or agricultural libraries	? Free	UR	Pollard, Willis, Stevens, Wass, and Harris (2004)
Erosion control/soil conservation						
Plant Materials Handbook for Soil Conservation Vol 1: Principles and Practices	Soil Conservation Centre Aokautere	Major three-volume publication aimed at reducing soil erosion.	Booksellers	Priced	**	C.W.S Van Kraayenoord, Pollock, and Hathaway (1986)
Plant Materials Handbook for Soil Conservation Vol 2 Introduced Plants	Soil Conservation Centre Aokautere	Detailed descriptions of some 200 introduced plants - trees, shrubs, grasses, legumes and herbs - for soil conservation/erosion control. Propagation, adaption, establishment, management and uses of these plants. Identification keys for the most common poplars, willows and wattles in New Zealand. Needs updating (e.g. new poplar clones are available etc).	Booksellers	Priced	**	Van Krayenoord C.W.S (1986)

Title	Author/source Date	Summary of contents and key words	Available from	Free or priced	Rating for farm foresters	Link to full citation
2. Trees for specific purposes						
Plant Materials Handbook for Soil Conservation Vol 3: Native Plants	Soil Conservation Centre Aokautere	Using native plants for soil conservation.	Booksellers	Priced	**	Hathaway R.L (1986)
Erosion control	Northland Regional Council	Web-based resource linked to poplar planting guidelines.	www.nrc.govt.nz/Resource-Library-Summary/Publications/Land/Erosion-control/Erosion-control/	Free	***	
Trees suitable for soil conservation	Hawke's Bay Regional Council Land Management series	Various leaflets on the use of trees for erosion control. Web-based resource.	www.hbrc.govt.nz/Services/Environment/Environment%20Topics/Pages/land-management.aspx	Free	***	
Soil Conservation Technical Handbook	Ministry for the Environment	Comprehensive collection of information about soil conservation in New Zealand. Covers the forms and processes of the main types of erosion and the main control techniques.	Downloadable from: http://www.mfe.govt.nz/publications/land/soil-conservation-handbook-jun01/	Hard copy priced	UR	Hicks and Anthony (2001)
Sustainable Land Management: Hill Country Erosion Programme	Ministry for Primary Industries	Two case studies of farms in the eastern North Island which have successfully controlled soil erosion by tree planting.	Hill country erosion: Stabilising land on Mangapapa Station, Waitotara Focus on resilience: Farming on steep Hawke's Bay hills	Free	UR	



Title	Author/source Date	Summary of contents and key words	Available from	Free or priced	Rating for farm foresters	Link to full citation
2. Trees for specific purposes						
Riparian plantings						
Mind the Stream: A guide to looking after urban and rural streams in the Wellington Region	Greater Wellington Regional Council	Practical handbook including some good examples of streamside planting schemes.	May still be available from some offices of GWRC: www.gw.govt.nz	Free	**	Greater Wellington Regional Council (2004)
Best Practices for Riparian Management	Hawke's Bay Regional Council Land Management series	Two-page leaflet with introductory guidelines on managing riparian land.	www.hbrc.govt.nz/SerVICES/Environment/Environment%20Topics/Pages/Riparian-Management.aspx	Free	***	
Riparian zone/waterway management	Dairy NZ	Comprehensive resources from Dairy NZ. Developed for dairy farmers but also relevant to others. Includes a riparian planner brochure with suggestions for planting riparian strips.	www.dairynz.co.nz/page/pageid/2145862589/Waterway_Management	Free	**	
NZ Guidelines for Constructed Wetland Treatment of Tile Drainage	NIWA (Chris Tanner et al)	Practical guidelines on the construction of wetlands on tile-drained areas to help control effluent run-off and create wildlife habitats on farms. Includes tree selection and management advice.	Hard copy available from NIWA or downloadable from: www.niwa.co.nz/sites/default/files/import/attachments/NZCW-guide4press_small.pdf	Hard copy priced	**	Tanner, Sukias, and Yates (2010)
Trees for fodder						
Using Trees on Farms	NZ Grassland Association Workshop proceedings (edited by JFL Charlton)	Handbook with a series of workshop papers focusing mainly on farmers' experiences with fodder crops but includes papers on shelter, and alternative species.	NZ Farm Forestry Association	Free	**	NZ Grassland Association and NZ Farm Forestry Association (2003)

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2. Trees for specific purposes						
Fodder willows for Hawke's Bay	Hawke's Bay Regional Council Land Management series	Introductory information on choice of willow species and fodder systems for east-country farms.	http://www.hbrc.govt.nz/hbrc-documents/hbrc%20document%20library/fodderwil.pdf	Free	UR	
See also poplar and willow references						
Tree health, pests and diseases						
Small forests and woodlots: A guide to conducting forest health assessment and sampling	SPS Biosecurity Ltd (for the NZFFA)	A small practical handbook for woodlot owners and managers, teaching how to assess trees for health, pests and diseases.	NZ Farm Forestry Association	Free	***	SPS Biosecurity Ltd (2009)
Forest Health: Forest, Tree and Wood Protection in New Zealand	NZ Ministry of Forestry	Background to protection of NZ forest health. Good lists of pests and diseases.	May be difficult to source	Priced	**	Flux, Gadgill, Bain, and Nuttall (1993)
Pests and diseases of forestry in New Zealand	NZFFA database	Online resource, includes useful section on pests and diseases by tree species; also pests of timber.	www.nzffa.org.nz/farm-forestry-model/the-essentials/forest-health-pests-and-diseases/	Free	UR	
Plant pests/weeds	Example: Greater Wellington Regional Council	Many regional councils have good biosecurity and biodiversity information including information on plant pests and their control.	www.gw.govt.nz/assets/Our-Environment/Biosecurity/Pest-plants/Common-weed-control-DL.pdf	Free	UR	
Animal pests	Example: Greater Wellington Regional Council	Many regional councils have good biosecurity and biodiversity information including information on animal pests and their control.	www.gw.govt.nz/pest-animals-2/	Free	UR	

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2. Trees for specific purposes						
Pest and wildlife monitoring	Montfort Trimble Foundation	Information leaflets describing an intensive pest monitoring and control programme at Rewanui Forest Park; also related monitoring of native plants, birds and invertebrates	www.trimblefoundatio n.org.nz/resources/	Free	UR	
Biomass/energy						
Energy Farming with Willow in New Zealand	Kevin Snowdon et al	SFF project report reviewing the potential for willow grown for biomass as a farm crop, especially around Lake Taupo.	Downloadable from: http://maxa.maf.govt. nz/sff/about- projects/search/05- 058/complete-nz- willow-handbook.pdf	Free	**	Snowdon, Mclvor, and Nicholas (2010)
Trees for dairy farms						
Dairy shelter on the Canterbury Plains	SFF Project L09/023 report	Reviews current literature and explores how shelter and shade influence production in a dairy farming system on the Canterbury plains. Considers what value there is in replanting shelter trees on Canterbury dairy farms.	AgResearch publications	Free	UR	Goulter (2010)
Riparian zone/waterway management	Dairy NZ	Comprehensive resources from Dairy NZ. Includes a riparian planner brochure with guidelines for planting riparian strips.	www.dairynz.co.nz/pa ge/pageid/214586258 9/Waterway_Manage ment	Free	**	
See feature 'Dairying and farm forestry', NZ Tree Grower, November 2008			www.nzffa.org.nz/far m-forestry- model/resource- centre/tree-grower- articles/tree-grower- november-2008/		UR	

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2. Trees for specific purposes						
Trees for bees						
Planting trees for bees	Linda Newstrom-Lloyd	NZ Tree Grower article, February 2013	Contact the NZFFA National Office	Back copies may be available	UR	Newstrom-Lloyd (2013)
See the Trees for Bees website for on-line resources			www.treesforbeesnz.org/		UR	

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3. Planting and managing exotic species						
Radiata pine						
Radiata Pine Growers' Manual	J Piers Maclaren	Essential first read for growing and managing pine. Needs updating in places.	Scion	Priced	***	J.P Maclaren (1993)
Radiata pine section of the NZFFA website	Various	Tree Grower articles and other NZFFA resources on practical aspects of growing, harvesting, marketing and milling pine	www.nzffa.org.nz/farm-forestry-model/trees-for-timber/radiata-pine	Free	UR	
For a range of background information for growers also visit the NZFFA website and search under 'Radiata pine'.			www.nzffa.org.nz		UR	
Douglas fir						
Douglas-fir Manual	J Piers Maclaren	Introductory single species guide	Scion	Priced	**	J.Piers Maclaren (2009)
Douglas-fir section of the NZFFA website	Various	Tree Grower articles and other NZFFA resources on practical aspects of growing and milling Douglas-fir	www.nzffa.org.nz/farm-forestry-model/trees-for-timber/douglas-fir	Free	**	
For a range of background information for growers also visit the NZFFA website and search under 'Douglas fir'.			www.nzffa.org.nz		UR	
Blackwood						
Blackwood – A Handbook for Growers and End Users	Ian Nicholas and Ian Brown	Growers' manual, species specific. Still the best source of practical information for NZ growers.	Scion www.scionresearch.com/_data/assets/pdf_file/0019/38026/blackwood-a-handbook-for-growers-and-users-.pdf	Hard copy priced	***	Nicholas and Brown (2002)

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3. Planting and managing exotic species						
Blackwood Management: Learning from New Zealand	A G Brown (ed) (Rural Industries Research and Development Corporation)	Proceeds from an international conference in Rotorua in 2002 with contributions from Ian Nicholas, Ham Gifford, Greg Steward and Ian Barton.	Downloadable from: https://rirdc.infoservices.com.au/downloads/04-086.pdf	Free	**	Brown (2004)
Blackwood section of the NZFFA website	Various	Tree Grower articles and other NZFFA resources on practical aspects of growing blackwood	www.nzffa.org.nz/farm-forestry-model/trees-for-timber/blackwood	Free	***	
For a range of background information for growers also visit the NZFFA website and search under 'blackwood'.			www.nzffa.org.nz		UR	
Cypresses						
Cypresses: Best Practice with Farm Forestry Timber Species No.1	Ian Nicholas (editor)	Growers' manual, species specific. Needs updating in parts. Produced as an e-handbook only.	www.scionresearch.com/general/publications/technical-reports/forest-management/other-species2/cypress-handbook	Free	***	Nicholas I. et al (2008a)
The Cypress growers Handbook: Growing Quality Timber	Stephen Brailsford	A practical grower's guide produced by a Canterbury farm forester/adviser. A fore-runner to the cypresses e-handbook above.	May be hard to source		*	Brailsford (1995)
For a range of background information for growers also visit the NZFFA website and search under 'cypress'.			www.nzffa.org.nz		UR	

Title	Author/source Date	Summary of contents and key words	Available from	Free or priced	Rating for farm foresters	Link to full citation
3. Planting and managing exotic species						
Eucalypts						
Eucalypts: Best Practice with Farm Forestry Timber Species No.2	Ian Nicholas (Editor)	Growers' manual, species specific. Produced as an e-handbook only. Needs updating in some parts.	www.scionresearch.com/general/publications/technical-reports/forest-management/other-species2/eucalypt-handbook	Free	***	Nicholas I. et al (2008b)
Eucalypts section of the NZFFA website	Various	Tree Grower articles and other NZFFA resources on practical aspects of growing and milling eucalypts.	www.nzffa.org.nz/farm-forestry-model/trees-for-timber/the-eucalypts	Free	***	
Eucalypts for Planting	MR Jacobs (FAO publication)	Still relevant, nice summaries of international experience.	Booksellers	Priced	*	Jacobs (1979)
Field Guide to Eucalypts: Vol. 1 South-eastern Australia	M.I.H. Brooker and D.A. Kleinig	Full botanical guide to several hundred eucalypt species. Includes colour photos.	Bloomings Books, Australia, or NZ booksellers	Priced	*	Brooker and Kleinig (1999)
Growing eucalypt trees for milling	Neill Barr	A comprehensive guide to growing eucalypts for timber in New Zealand, with useful identification data for the common – and many not so common – species.	NZFFA	Priced	***	N Barr (1996)
For a range of background information for growers also visit the NZFFA website and search under 'eucalypts'.			www.nzffa.org.nz		UR	
Extensive eucalyptus photo gallery and species information available at Milligan Seeds			http://milliganseeds.co.nz/		UR	

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3. Planting and managing exotic species						
Redwood						
Redwoods: Best Practice with Farm Forestry Timber Species No. 3	Ian Nicholas (Editor)	Growers' manual, species specific. Produced as an e-handbook only. Needs updating in parts.	www.scionresearch.com/general/publications/technical-reports/forest-management/other-species2/redwood-handbook#gsc.tab=0	Free	***	Nicholas I et al (2008)
The New Zealand Redwood Growers Handbook	Wade Cornell	Comprehensive guide; fore-runner to the 'best practice' redwoods e-handbook above.	Diversified Forests, Henderson, NZ	Priced	***	Cornell (2002)
Redwoods section of the NZFFA website	Various	Tree Grower articles and other NZFFA resources on practical aspects of growing and milling redwoods.	www.nzffa.org.nz/farm-forestry-model/trees-for-timber/redwood	Free	UR	
For a range of background information for growers also visit the NZFFA website and search under 'redwoods'.			www.nzffa.org.nz		UR	
Poplars and willows						
Growing poplar and willows trees on farms: Guidelines for establishing and managing poplar and willow trees on farms	National Poplar and Willow Users Group	Comprehensive (71 page) report compiled as part of a SFF project. Good practical advice on all aspects including choice of planting stock.	Downloadable from: www.poplarandwillow.org.nz/files/growing-poplar-and-willow-trees-on-farms.pdf	Free	***	National Poplar and Willow Users Group (2007)
Willows: Introduced forest trees in New Zealand: Recognition, role, and seed source - The willows, Salix spp.	FRI Bulletin No.124 Pt 15	Excellent information but some aspects now dated.	Scion Publications: www.scionresearch.com/general/publications/science-publications/bulletins#gsc.tab=0	Priced	***	C.W.S Van Kraayenoord, Slui, and Knowles (1995)

Title	Author/source Date	Summary of contents and key words	Available from	Free or priced	Rating for farm foresters	Link to full citation
3. Planting and managing exotic species						
Poplars: Introduced forest trees in New Zealand: Recognition, role, and seed source - The poplars, Populus spp.	FRI Bulletin No.124 Pt 17	Excellent information but some aspects now dated.	Scion Publications: www.scionresearch.com/general/publications/science-publications/bulletins#gsc.tab=0	Priced	***	Wilkinson (2000)
Poplars for the Farm	Ian McIvor Plant and Food Research, Poplar No.5	Focus on clones specially bred for NZ farms. Specifically for farmers/land managers.	Downloadable from: www.poplarandwillow.org.nz/files/poplar-booklet-5.pdf Also available in hard copy.	Free	***	McIvor (2011)
Poplars and willows for the hill country	Hawke's Bay Regional Council	Various leaflets on species selection, planting and management. Specifically for farmers/land managers	www.hbrc.govt.nz/Services/Environment/Environment%20Topics/Pages/land-management.aspx	Free	***	
Poplars for timber production	Taranaki Regional Council	Web-based information resource specifically for farmers/land managers	www.trc.govt.nz/assets/Publications/information-sheets-and-newsletters/land-management-information-sheets/agroforestry-information-sheets/36poplarsfortimber.pdf	Free	***	
Poplars for erosion control	Northland Regional Council	Web-based information resource specifically for farmers/land managers	www.nrc.govt.nz/Environment/Land/Poplars-for-erosion-control/	Free	***	
For a range of background information for growers also visit the NZFFA website and search under 'poplars' or 'willows'.						UR

Title	Author/source Date	Summary of contents and key words	Available from	Free or priced	Rating for farm foresters	Link to full citation
3. Planting and managing exotic species						
Other farm forestry species						
Paulownia	Forest Research Bulletin No. 231	A comprehensive, full-colour bulletin which summarises the knowledge and trial-work of the Paulownia Action Group, which was active in New Zealand from 1989 to 1996.	www.scionresearch.com/data/assets/pdf/file/0005/38147/scion-pubs-b231-paulownia.pdf	Hard copy may be priced	*	Barton, Nicholas, and Ecroyd (2007)
FRI Bulletin 124 Introduced forest trees in New Zealand: Recognition, role, and seed source	Nos. 1-18 (1987-2000)	A series of FRI bulletins covering a range of introduced species. Information now dated but still of value. Species covered include a range of pines, spruces, firs, and larches as well as other well-known alternative species.	Scion publications: http://www.scionresearch.com/general/publications/science-publications/bulletins	Priced	**	Various authors



Title	Author/source Date	Summary of contents and key words	Available from	Free or priced	Rating for farm foresters	Link to full citation
4. Planting and managing indigenous species						
Bush Vitality Assessment	Helmut Janssen	A visual assessment kit for native bush, especially small remnant areas. Also has information on establishing new forest, the use of exotics, and erosion control.	Booksellers inc. Manaaki Whenua Publishing	Priced	**	Janssen (2006)
Expanding economic viability for sustainably managed indigenous beech forests	RH Donnelly University of Canterbury	Comprehensive report focusing on markets and the market potential for indigenous beech. SFF project 05/048, co-funded by University of Canterbury, NZFFA, Maori Trustee.	http://maxa.maf.govt.nz/sff/about-projects/search/05-048/expanding-economic-viability.pdf	Free	*	Donnelly (2011)
Indigenous forestry: Sustainable Management	Ministry of Forestry/NZFFA	Handbook, general guide to principles and practice of indigenous forestry; focus on management of existing forest. Covers all aspects (but now being superseded by Tane's Tree Trust publications).	NZFFA	Priced	*	NZ Ministry of Forestry and NZ Farm Forestry Association (1998)
Farming with Native Trees: A guide for farmers from Northland to Waikato. NZ Indigenous Tree Bulletin No. 5	Mike Dodd and Helen Ritchie (eds)	Practical advice plus a range of case studies from the northern North Island but relevant to other areas.	Scion or Tane's Tree Trust www.scionresearch.com/_data/assets/pdf_file/0006/38166/farming-with-native-trees.pdf	Hard copy priced	***	Dodd and Ritchie (2007)
Indigenous species section of the NZFFA website	Various	Tree Grower articles and other NZFFA resources on practical aspects of growing and milling indigenous species.	www.nzffa.org.nz/farm-forestry-model/trees-for-timber/indigenous-species	Free	**	

Title	Author/source Date	Summary of contents and key words	Available from	Free or priced	Rating for farm foresters	Link to full citation
4. Planting and managing indigenous species						
Kauri: ecology, establishment, growth and management. NZ Indigenous Tree Bulletin No. 2	David Bergin and Greg Steward	Accessible, practical information produced in full colour. Best current information on all aspects of growing and utilising kauri.	Scion or Tane's Tree Trust www.scionresearch.com/_data/assets/pdf_file/0019/38170/kauri.pdf	Hard copy priced	**	Bergin and Steward (2004)
Native forest restoration: A practical guide for landowners	Tim Porteous QE II National Trust 1993	Very useful practical handbook. Mostly covers environmental restoration but much detail on propagation, site preparation, planting and maintenance.	QE II Trust. (May be out of print)	Priced	***	Porteous (1993)
Native Trees: Planting and early management for wood production, NZ Indigenous Tree Bulletin No. 3	David Bergin and Luis Gea	Accessible, practical information produced in full colour. Best current information on all aspects of growing and utilising most important native species.	Scion or Tane's Tree Trust	Hard copy priced	***	Bergin and Gea (2005)
New Zealand's Native Trees	John Dawson and Rob Lucas 2011	Award-winning book: comprehensive coverage and botanical photos of all NZ's native species.	Booksellers	Priced	**	Dawson and Lucas (2012)
Plant Materials Handbook for Soil Conservation, Vol. 3: Native Plants	Soil Conservation Centre, Aokautere	Using native plants for soil conservation.	Booksellers	Priced	**	Hathaway R.L (1986)
Pohutukawa: ecology, establishment, growth and management, NZ Indigenous Tree Bulletin No. 4	David Bergin and Gordon Hosking	Accessible, practical information produced in full colour. More on conservation / ecological values than other bulletins in this series but does have details of timber use, growth and forestry potential.	Scion or Tane's Tree Trust www.scionresearch.com/_data/assets/pdf_file/0020/38171/pohutukawa.pdf	Hard copy priced	*	Bergin and Hosking (2006)

Title	Author/source Date	Summary of contents and key words	Available from	Free or priced	Rating for farm foresters	Link to full citation
4. Planting and managing indigenous species						
Sherry river native plant establishment: 'Best bet' guidelines.	Nick Ledgard and David Henley, 2009	A practical, well-illustrated 8-page guide designed specifically for inland northern South Island – but basic principles would apply to most sites.	Scion, PO Box 29237, Fendalton, Christchurch:	Hard copy free	**	
Planting and Managing Native Trees: Tane's Tree Trust Technical Handbook	Tane's Tree Trust	Comprehensive set of full-colour notes covering various aspects of indigenous forestry. Focus on establishment of new plantations. Regularly updated and added to.	Tane's Tree Trust	Free to members	***	Tanes Tree Trust (2011)
The Native Trees of New Zealand	JT Salmon	Botanical emphasis	Booksellers	Priced	*	J. T. Salmon (1986)
The New Zealand Beeches: Ecology, utilisation and management	John Wardle, NZ Forest Service	Slightly out of date on management aspects but excellent for ecology of the beeches.	Booksellers	Priced	**	Wardle (1984)
The New Zealand beeches: establishment, growth and management, NZ Indigenous Tree Bulletin No. 6	Mark Smale, David Bergin and Greg Steward	Full colour handbook covering all NZ's beech species. Includes management of natural stands and some information on establishing new plantations. Best available information on all aspects of growing and utilising the beech species.	Scion or Tane's Tree Trust (Should be available online from Scion soon).	Hard copy priced	**	Smale, Bergin, and Steward (2012)
Totara: establishment, growth and management NZ Indigenous Tree Bulletin No.1	David Bergin	Full colour handbook: practical advice on growing and managing totara in NZ.	Scion or Tane's Tree Trust http://www.scionresearch.com/_data/assets/pdf_file/0003/38172/totara.pdf	Hard copy priced	***	Bergin (2003)

Title	Author/source Date	Summary of contents and key words	Available from	Free or priced	Rating for farm foresters	Link to full citation
4. Planting and managing indigenous species						
Totara: Existing uses and market development opportunities for naturally regenerating totara timber	Paul Quinlan/Northland and Totara Working Group 2011	Comprehensive report with practical information about harvesting, processing and marketing totara. Northland focus but relevant elsewhere. SFF project (L10/145)	www.mpi.govt.nz/environment-natural-resources/funding-programmes/sustainable-farming-fund/sustainable-farming-fund-search.aspx	Hard copy priced?	**	Quinlan and Northland Totara Working Group (2011)
Riccarton Bush: Putaringamotu	Brian Molloy (ed)	Detailed description of managing a bush block, including excellent ecological history of Canterbury.	Available from the Riccarton House Trust www.riccartonhouse.co.nz/merchandise/	Hard copy	**	Brian Molloy (1995)
Standards and Guidelines for the Sustainable Management of Indigenous Forests (3 rd edition)	Ministry of Agriculture and Forestry	The framework for MAF (now MPI) sustainable forest management plans and permits	MPI	Free	*	NZ Ministry of Agriculture and Forestry (MAF) (2007)
Wardle's Native Trees of New Zealand	John Wardle	A comprehensive and accessible guide with over 300 colour photographs. Each tree species is described and illustrated, and the botanical and ecological details are supplemented with information about their uses.	Booksellers or the NZFFA	Priced	**	Wardle and Platt (2011)

Title	Author/source Date	Summary of contents and key words	Available from	Free or priced	Rating for farm foresters	Link to full citation
5. Inventory, roads, harvesting, drying and milling						
Inventory						
How Much Wood Has Your Woodlot Got?	J Piers Maclaren	Practical guide to woodlot inventory, aimed at farm foresters. Somewhat dated (eg excludes use of electronic technology such as GPS and Vertex).	Scion (formerly NZ Forest Research Institute)	Priced	***	J.P Maclaren (2000)
Inventory Practice for Managed Forests	CJ Goulding and ME Lawrence	Handbook aimed at professional foresters. Could still be of value to farm foresters keen on accurate forest inventory. Somewhat dated (eg excludes use of electronic technology such as GPS and Vertex).	Scion	Priced	*	Goulding and Lawrence (1992)
Forest roads						
NZ Forest Road Engineering Manual and Operators Manual	NZ Forest Owners Association 2012	The 2012 edition contains erosion and sediment control guidance, introduces new materials and methods, and describes best practice construction techniques. Forest owners, engineers and contractors are encouraged to use this manual in conjunction with the FOA Environmental Code of Practice.	Downloadable free from: http://www.nzfoa.org.nz/file-libraries-a-resources/cat_view/56-transport-and-roading	Hard copy priced	*	NZ Forest Owners' Association (2012)
Harvesting including pre-harvest planning						
For a range of information visit the NZFFA website and search under 'Harvest'. Numerous articles have also appeared in the NZ Tree Grower over the years.			www.nzffa.org.nz		UR	
On-farm milling and drying						
On-Site Processing For Farm Forestry	Mark Stewart and Ian Hanson	Publication from the Australian Rural Industries Research and Development Corporation (RIRDC)	Contact www.rirdc.gov.au/publications		*	Stewart and Hanson (1998)
Processing trees on farms: a literature review for the Rural Industries Research and Development Corporation	Ian Hanson and Mark Stewart (1997)	RIRDC Research Paper No. 97/20.	Contact www.rirdc.gov.au/publications		*	Hanson and Stewart M (1997)

Title	Author/source Date	Summary of contents and key words	Available from	Free or priced	Rating for farm foresters	Link to full citation
5. Inventory, roads, harvesting, drying and milling						
Using portable sawmills to produce high value timber from farm trees in the semi-arid zone	P Blackwell and M Stewart (2003)	RIRDC Publication No. 03/046.	Contact www.rirdc.gov.au/publications		*	(Blackwell & Stewart M, 2003)
Handbook on portable bandsaw-type sawmills	Michael P Folkema, (1992)	Forest Engineering Research Institute of Canada, Handbook No. 10.	Forest Engineering Research Institute of Canada, Quebec, Ontario		*	Folkema (1992)

Title	Author/source Date	Summary of contents and key words	Available from	Free or priced	Rating for farm foresters	Link to full citation
6. Carbon and certification						
Forestry, carbon and the Emissions Trading Scheme						
Forestry and the ETS	Ministry for Primary Industry	Information, regulations and guidelines	www.mpi.govt.nz/forestry/forestry-in-the-ets	Free	**	
Carbon forestry: the opportunity	Scion information sheet	Introductory information sheet for planters considering including carbon sequestration as one potential benefit from their trees.	www.scionresearch.com/_data/assets/pdf_file/0008/38879/Climate-change-Info-Sheet_Carbon-Forestry.pdf	Free	*	
See the NZ Tree Grower (2009 onwards) for articles about carbon and the ETS.						
See also Sustainable Farming Fund projects C08/36 and C08/39 (Section 11 of this database)						
Certification						
NZFOA Certification webpage	NZ Forest Owners Association	The NZ Forest Owners website provides the most up to date information on the NZ standard and outlines where the FSC process is at. It also has the most current standard hosted there.	www.nzfoa.org.nz/certification	Free	**	
Small and Low Intensity Managed Forests (SLIMF)		There is a specific SLIMF section on the NZFOA website.	www.nzfoa.org.nz/certification/slimf			
Forestry Stewardship Council web information	Forest Stewardship Council	The FSC international website is quite useful.	https://ic.fsc.org/index.htm	Free	*	
Forest management and certification webpage	Proforest, UK	Proforest in the UK has a number of reports that are of use. However, they are quite detailed and generally focus on a specific issue, so would only be applicable to the real enthusiast.	www.proforest.net/projects/forest-management	Free	*	

7. Grower organisations

There are a number of voluntary organisations which exist for the benefit of tree growers. The following list provides brief details and contact information for those of most relevance to farm foresters.

Name of organisation	Relevant to what type of tree grower	Contact details/website
NZFFA - including 26 regional branches	Relevant to any farmers/lifestylers/landowners interested in trees. Emphasis on trees for multiple benefits, and alternative species to radiata pine. Regional branches throughout NZ hold field days, workshops, etc. On-line timber market place.	Visit www.nzffa.org.nz Or contact the national office 04 472 0432 nzffa@clear.net.nz
NZFFA Special Interest Groups	Best sources of information and expertise on growing alternative species (blackwoods, cypresses, eucalypts, redwoods, native species). Also active in research.	See www.nzffa.org.nz for details of Special Interest Groups
South Otago farm forestry discussion groups	At least 3 farm forestry groups operate in South Otago. They have about 10 members and employ facilitator/consultant and visit each member's property every 2 nd year and discuss plantings. Can be very good forum for sharing knowledge and solutions, and nurturing enthusiasm for trees.	Contact NZFFA South Otago branch for more details Secretary: Scott McKenzie 03 415 7193 scott.mckenzie@xtra.co.nz
NZ Forest Owners' Association	Represents larger plantation forestry interests, but lobbies on behalf of all growers and produces information relevant to the farm forestry sector.	www.nzfoa.org.nz 04 473 4769
NZ Institute of Forestry	Organisation for professional foresters and forestry consultants. Local branches organise field events and meetings with topical speakers. Quarterly journal and weekly e-newsletter for members.	www.forestry.org.nz/ 04 974 8421 admin@nzif.org.nz
NZ Tree Crops Association	The New Zealand Tree Crops Association grew out of a philosophy of seeking and sharing information about the many and varied types of trees we might grow in New Zealand to produce a useful crops for humans and/or animals.	www.treecrops.org.nz/
Tane's Tree Trust	TTT is active in the North Island (and becoming more active in the South). Good for anyone interested in planting native trees.	www.tanestrees.org.nz/ 07 858 4404 office@tanestrees.org.nz
Southland Community Nursery	The Southland Community Nursery is available for local people and groups to grow locally sourced native plants best suited for Southland conditions. The nursery supplies a range of native seedlings, potting mix, pots, seed mix and facilities, you supply the labour.	www.southlandcommunitynursery.org.nz/

8. Magazines, journals and hard-copy newsletters

There is a range of hard-copy journals and newsletters aimed at farm foresters and other tree planters. Recommended ones are listed below.

Title of publication	Author (if relevant)	Key topics covered	Available from
Country-Wide	Articles by Denis Hocking	Monthly farming publication: <i>“Denis Hocking’s articles are always worth reading.”</i>	www.fwplus.co.nz/country-wide
Indigena	NZFFA Indigenous Special Interest Group	Quarterly journal. Indigena has a number of good articles on natives, but they are fairly specific.	NZFFA (members of Special Interest Groups pay a small annual subscription)
Logger magazine		Publication aimed at forestry contractors/crews. Good information on larger-scale harvesting machinery/equipment.	www.alliedpublications.co.nz/shop/NZ+Logger.html
Nursery catalogues	Most major NZ tree nurseries	Nursery catalogues contain variable quality information. They are recommended with the proviso that it pays to check with an experienced grower about the suitability of a species for a given site.	
NZFFA Special Interest Group newsletters	Each group produces occasional newsletters	Species covered: blackwoods, cypresses, eucalypts and redwoods. Often include good quality research and development information.	NZFFA (members of Special Interest Groups pay a small annual subscription)
NZ Forest Owners’ Association Newsletters	NZ Forest Owners Association	Updates for NZFOA members on policy, lobbying and large-scale forest management aspects.	www.nzfoa.org.nz/ 04 473 4769
NZ Journal of Forestry	NZ Institute of Forestry	Quarterly journal of most interest to forestry consultants and larger-scale commercial growers.	www.nzif.org.nz
Open Space	QE II Trust covenanters’ magazine	Articles and case studies from QE II covenanters. Good information on native regeneration/restoration, wildlife and recreation, and pest control.	www.openspace.org.nz/ 04 472 6626
Tāne’s Tree Trust Newsletters	From Newsletter 1 (2002)	Background information, trial results, articles on individual trees.	www.tanestrees.org.nz/ 07 858 4404 office@tanestrees.org.nz
The New Zealand Tree Grower	NZFFA	The quarterly journal of the NZ Farm forestry Association. Articles cover all areas of interest to small scale foresters.	www.nzffa.org.nz 04 472 0432 nzffa@clear.net.nz
Tree Crops Association information booklets		Various booklets on tree crops – designed for growers.	www.treecrops.org.nz/

9. Websites and other on-line resources

Recommended websites of interest to NZ farm foresters

Title	Web address	Topic area/contents
Appletons Tree Nursery	www.appletons.co.nz/	Nursery catalogue and comprehensive information on species selection and young tree management. Trusted source.
FITEC - the Forest Industry Training and Education Centre	www.fitec.org.nz/	Forestry training, qualifications and career information.
Future Forests Research	www.ffr.co.nz/	Information on research topics and outputs from NZ's forest industry/research partnership.
Hawke's Bay Regional Council website (Publications and Resources)	www.hbrc.govt.nz/Services/Environment/Environment%20Topics/Pages/land-management.aspx	A comprehensive set of downloadable brochures covering many aspects of sustainable land management.
Ministry for Primary Industries (MPI) general forestry section	www.mpi.govt.nz/forestry	National-level information, facts and figures, statistics, etc.
MPI Indigenous Forestry section	www.mpi.govt.nz/forestry/forestry-in-nz/indigenous-forestry	Focus on legislative aspects of indigenous forest management.
NZ Forest Owners Association	www.nzfoa.org.nz/	Good source of national industry statistics and general information.
NZ Plant Conservation Network	www.nzpcn.org.nz	Focus on natives but some exotic species are included.
NZFFA – New Zealand Farm Forestry Association	www.nzffa.org.nz	Website for all aspects of farm forestry.
NZFFA marketplace	www.nzffa.org.nz/specialty-timber-market/marketplace/	For buyers and sellers of NZ-grown timber. Good information about alternative species timber properties and end uses.
NZ Poplar and Willow Research Trust	www.poplarandwillow.org.nz	Good information on biology, research, and applications of poplars and willows in NZ.
NZ Wood	www.nzwood.co.nz/	Information for wood users, including planners, architects, designers, builders. Lots of information and case studies of innovative wood use.
OMF weekly carbon market report	www.omf.co.nz	Weekly report on NZ carbon market – warts and all.
Scion – NZ's forest research institute	www.scionresearch.com/	For an update on current research areas, plus access to some farm forestry publications.

Title	Web address	Topic area/contents
Tane's Tree Trust	www.tanestrees.org.nz/	Information on native trees including a data base on archived early research and on existing plantings, an indigenous bibliography and the kauri calculator.
Taupo Native Plant Nursery	www.tauponativeplant.co.nz/	NZ's largest supplier of native trees.
Te Ara Encyclopaedia of NZ	www.teara.govt.nz/en/trees-in-the-rural-landscape	Good introduction/overview to trees in 'the settled landscape'.
Trees for Bees	www.treesforbeesnz.org/ or http://www.fedfarm.org.nz/membership/Industry-Groups/Trees-for-Bees.asp	Online information and resources including regional planting guides.
WoodCo – Wood Council of New Zealand Inc	http://www.woodco.org.nz/	Pan-industry body representing interests of NZ growers and processors.
WoodMatters	www.pfolsen.com/nz_index.php?sect=ezone	Free e-newsletter produced by forest management company PF Olsen. Contains topical information and comment relevant to all farm foresters (not just PF Olsen clients).
WoodWeek and Friday Offcuts	www.woodweek.com www.fridayoffcuts.com	Free weekly wrap-ups of forestry news for NZ and Australia.

Software for farm foresters

Pinus radiata calculator 2.1 Douglas fir calculator Kauri calculator Cypress calculator	Available free from NZFFA and/or Future Forests Research; members only	Software developed for sensitivity analysis of growth modelling and testing management regimes to derive future production and income in P. radiata; also available for other species listed.
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10. Living resources




If you wish to visit a private property, please ring in advance to agree a convenient time. This is especially important when people live some distance from their trees.





Properties with this symbol are recent NZFFA national award winners.





Name of site	Location	What is on view?	Local contact person (if known and necessary for access)
Northland and Auckland			
Simms farm	Kaitaia	Blackwood up to 20 years old. Also Grevillea robusta, just over 20 years old. Both species grown primarily for erosion control as well as timber.	Brian Simms 0-9-408 4050
Satchell property	Kerikeri	Eucalypt, cypress and radiata, grown from seed, following silvicultural regimes for high value timber.	Dean Satchell 0-9-407 5525
Renwick property	Kaitaia	A well tended block of blackwood planted 1984. Also a small block of cutting grown radiata pine planted 1997.	Richard Renwick 0-9-408 4241
Achtzehner property	North of Okaihau	When bought in 1994 a third of the property had 1-year old pines. The rest since planted with lusitanica, macrocarpa, redwood, blackwood, acacia dealbata, a range of eucalypts. Also poplar for drying out wet areas. No more pines. Intention is to selectively harvest to maintain continuous canopy.	Tony Achtzehner 0-9-407 7776
'Parakao'	Between Whangarei and Dargaville	Good farm forestry. Wide range of species, some up to 40 years old, planted for a range of purposes (timber, shelter, erosion control, arboretum, etc.) and because John just likes trees.	John Pedersen 0-9-433 1886
'Ngarakau'	Between Whangarei and Dargaville	Plantings for poplars/erosion control, agroforestry, eucalypts, hardwood timber processing, and woodlot harvesting.	Peter Davies-Colley 0-9-433 1718




Name of site	Location	What is on view?	Local contact person (if known and necessary for access)
'Woodlands'	20 minutes west of Warkworth	Planting originally for erosion control and timber resulted in good shelter. Now it is more like a park, with eucalypt species trials, acacia, cypress, redwood, grevillea, cryptomeria, pseudoacacia. John is a wood enthusiast with two portable mills. He mills his own timber and does custom cutting for others.	John Furniss 0-9-422 6595 woodyone.john@gmail.com
Waikato			
Brown property	35 minutes from Hamilton	40 ha property on the lower eastern slopes of Mt Pirongia, 30 ha planted in a range of species including blackwood, redwood, cypress, black walnut and radiata pine. It might be seen as a typical farm forestry block.	Ian Brown 0-7-483 4389
Radiata pine museum	4 km from Waingaro	Living museum showing the history and development of 120 years of forestry in NZ. Comprehensive display of a range of pine genotypes and silvicultural systems.	Wink Sutton 0-7-348 5583
Amakiwi Forest Trust	Waikaretu	A range of species planted since 1990. Some 66% radiata and cypress. The rest is eucalypts, blackwood, northern hardwoods and softwoods, and natives. Experimental continuous cover areas.	Ian Barton 0-9-239 2049
 Taitua Arboretum	55 Taitua Road Temple View Hamilton	A collection of mature trees covering 20 ha of open pasture, lakes and woodland gardens. Developed by farm foresters, now owned by Hamilton City Council.	Open to the public, free entry
 Brennan property	Reporoa, nr Taupo	Integrated tree plantings, a mix of woodlots, shelter belts, shade trees and wetland planting.	Kyle Brennan 0-7-333 8664
 'Mia'	Reporoa	Cypress, douglas fir, radiata, redwood and eucalypt for timber. Shelterbelts, mainly mixed poplar/radiata.	Benjamin and Sylvia Lee, 0-7-333 8062
Taumarunui redwoods	Just out of Taumarunui, over the river	4 ha of redwood established around 1927. Spectacular stand with highest recorded basal area in the world (unconfirmed).	DoC office, Taumarunui 0-7-895 8201





Name of site	Location	What is on view?	Local contact person (if known and necessary for access)
Bay of Plenty			
McLaren Falls Park	Lower Kaimais, Tauranga	Arboretum of specimen trees planted from 1965.	Western BoP District Council administers the park.
 Brann property	20 minutes SW of Te Puke	Farm plantings, woodlots, specimen trees, riparian enhancement, public recreation, production forestry.	Geoff and Gill Brann 0-7-5331361
 Summerhill Farm Park	319 Reid Rd, Welcome Bay, Te Puke	Radiata first planted 1961. Alternative species – cypress, black walnut, eucalypt, blackwood, poplar and paulownia – planted from 1980s alongside FRI's special purpose species research programme, so a lot of silvicultural experimenting took place. Wetlands, dams. Riparian areas planted in natives. Care is taken to match planting to the land forms.	A working forest open to the public for recreation purposes. Entry by gold coin donation.
Redwood Memorial Grove	5 km south of Rotorua, adjoining Whakarewarewa Forest.	Of the original 12 ha of redwoods planted from 1901, six ha, the Redwood Memorial Grove, remain today. There are also small areas of plantings from 1901 onwards - eucalypts, acacias, and northern hemisphere hardwoods and softwoods. The forest has played an important role in the NZ forest industry and continues to do so. Most of it is productive plantation forest, where from time to time you can see all facets of the management cycle.	Entry to the forest is free.
Gisborne-East Coast			
Eastwoodhill Arboretum	2392 Wharekopae Road, 35 km NW of Gisborne	The National Arboretum of New Zealand. It holds the most comprehensive collection of woody plants in New Zealand. Many rare and unusual conifers. Possibly the largest collection of northern hemisphere trees south of the equator.	www.eastwoodhill.org.nz 0-6-863 9003


Name of site	Location	What is on view?	Local contact person (if known and necessary for access)
Hackfalls Arboretum	187 Berry Road, Tiniroto	Over 3000 species and varieties of oaks, alders, cherries, magnolias, maples and more. The collection of evergreen and semi-evergreen Mexican oak species is considered the largest private collection of oaks in the Southern Hemisphere.	The property is a charitable trust, open to the public (entrance fee applies). 0-6-863 7083
 Te Koawa Station	Te Karaka	Medium to steep hill country. 15% planted with pines and alternative species for soil conservation, shade and timber.	Bob Wishart & Meg Gaddum 0-6-862 3418
 'Wensleydale'	Whangara	Medium steep hill country with a variety of species for erosion control, production forestry and QE II covenanted.	Nick Seymour 0-6-862 2697
 Knapdale Ecolodge	8 km NW of Gisborne	"Tranquillity in a stunning rural landscape. A mosaic of different hues of green." Black walnut, blackwood, autumn colour and a range of conifers. 4 ha of oaks planted since 2009. Prime purpose is erosion control and gorse control, but strong amenity values, timber, shade and fodder are also factors.	Kees and Kay Weytmans 0-6-862 5444
 Koro Station	¾ hour west of Gisborne	400 ha in grass, 100 in forestry, of which 80 ha is conservation planting that qualifies for carbon credits. A range of forestry species, plus poplars planted originally for erosion control until drought proved their value as fodder. Wide variety of poplars, now also planted in paddocks, and providing leaf fall from January to July.	Ray Newman 0-6-862 3444,
Hawke's Bay			
Guthrie Smith Trust	Tutira, on SH2 40 km north of Napier	The arboretum comprises 90 ha, with over 20,000 trees planted since 2002. Collections of single genera including tree crops are being developed, along with small blocks of timber trees for evaluation. Trees are grouped by country and geographic region. The tree planting programme continues.	Open to the public



Name of site	Location	What is on view?	Local contact person (if known and necessary for access)
Tutira Country Park	Access through DoC wildlife reserve via a drive to east of the lake	<p>The park includes walks, a wetland, an arboretum, and picturesque lakes. The regional council manages an erosion control, sustainable land management programme. The park was established to demonstrate soil conservation / erosion control practices, and to provide a great place to relax.</p> <p>A commemorative chair recognises the contribution of NZ's first soil conservator, Doug Campbell 1906–1969, who was instrumental in introducing many of the now accepted land and farming practices in NZ in the 1940s and 50s, including erosion control and aerial top dressing.</p>	Open to the public
Holt Forest Trust Arboretum	Turnoff sign-posted at Tutira and again, on the right, ½ km past Waikoau village	A wide variety of ornamental and commercial trees and shrubs, developed to show the quality, size, and magnificence which trees can attain. The first trees planted - redwood, douglas fir and kahikatea - have reached towering heights. The arboretum is being managed for perpetuity.	Open to the public
Wyn-Harris farm	Waipukurau	Plantings from early 1980s, mainly cypress (<i>lusitanica</i>) and <i>Eucalyptus regnans</i> , planted for shade/shelter, erosion control, animal welfare, and amenity, with <i>radiata</i> for timber.	Steve Wyn-Harris 0-6-855 8265
'Mangarara'	At end of Mangarara Road, Patangata	Planting started 1995, for production forestry and also for shade, shelter, nutrient recycling and fodder. Focus is on choosing the right trees for the right purpose. The return from selling carbon credits from a 20ha native block has enabled the planting of some 95,000 trees in the past four years.	Open to the public. Greg Hart 0-6-858 4343

Name of site	Location	What is on view?	Local contact person (if known and necessary for access)
Taranaki			
Hawkes farm	10 mins south of Bell Block	Growing trees for shelter/shade (for stock and grass), pleasant working environment, conservation aspects (birds, other fauna, bees) and to store carbon. Timber an added bonus, but no longer planting pines, now moving to redwoods and cryptomerias instead. A recently bought 10ha block of grass will all be planted in trees for carbon sequestration.	Rodney Hawkes 0-6-755 2555
Peat farm	Midway between Taumarunui and Stratford	Trees for timber, erosion control, shade, shelter, and to attract birds. Some radiata, plus eucalypts, macrocarpa, blackwoods and a small arboretum.	Murray and Sally Peat 0-6-762 5829
Schumacher farms	Purangi, plus home farm just out of Inglewood	Riparian plantings on home farm. At Purangi there are 35 ha of forestry planted from late 1990s, mainly pine but also redwood, cryptomeria, blackwood and eucalypt. Two QE II covenanted areas. Both the farm and the larger reserve (Otunahe scenic reserve, a wonderful example of mature native forest) are within the much larger Purangi kiwi project, a predator-controlled area cared for by the East Taranaki Environment Trust.	Karen and Bob Schumacher 0-6-756 8064
 'Makara'	10 km east of Tariki	Forestry establishment ongoing since 1980. Now gives sustained yield harvest of 3-4 ha a year. Initially radiata, but being replaced by cypress, redwood, some radiata and non-traditional species eg deciduous hardwoods (oak, beech, etc). Redwood trials. Riparian and amenity plantings.	Jeremy Thomson 0-6-759 2004
Te Wera Arboretum Trust	Te Wera, East Taranaki	Set up by FRI in 1950s to trial tree species for a range of productive and other uses. The present focus is on maintenance.	Open to the public



Name of site	Location	What is on view?	Local contact person (if known and necessary for access)
Whanganui-Manawatu			
McKean Pinetum	Renfrew Road, Rangiwahia, north of Kimbolton	An outstanding collection of pines and other conifers from around the world. Primarily of dendrological interest.	On private property but open to the public. For information contact Don Tantrum 0-6-388 0635
Omahuri Farm Partnership	15 km NE of Whanganui	A range of exotics and natives, planted with a strong focus on matching tree type to land capability. Natives also subject to silviculture. Wetlands are a feature. There's an emphasis on biodiversity.	Ian Moore 0-6-342 5887
Longridge	10 m north of Feilding	A 45 ha farm forestry block, with 25 ha now in trees. Half that area is pine from 3 to 22 years old. The rest is in different varieties of eucalypt, cypress, redwood, oak, cryptomeria, and cedar, plus a selection of aesthetic plantings and an increasing amount of native plantings.	Dean and Cushla Williamson 0-6-323 9408 or 027 323 9408
Greater Wellington			
Stanton Park	Near Upper Hutt	Wellington Branch demonstration site within a commercial pine forest – includes range of alternative species.	Restricted access, visits must be arranged 3-4 days in advance. Contact Dave Gratton 0-4-526 8675
 'Chilly Brook' forest and arboretum	Akatarawa, Upper Hutt	Range of alternative species and silvicultural systems.	Roger, Daphne and Larry Redington 0-4-526 9467
 Tinui Forest Park	Tinui, Castlepoint Road, Masterton	Conversion of 280 ha hill country sheep and beef property to a mixed-species sustainable forest. Range of alternative species and trial plantings.	Harriet Palmer 0-4-973 3077
Rewanui Forest Park	Signposted 22 km E of Masterton on Castlepoint Road. Carpark 400m further on.	Integrated land management including native and exotic species trials, public access, beautiful native bush, livestock.	See www.trimblefoundation.org.nz/rewanui-forest-park-walks/ for more information


Name of site	Location	What is on view?	Local contact person (if known and necessary for access)
Nelson			
Appleton's Arboretum	Wakefield, Nelson	A long-established family-run tree nursery. Arboretum established 20 years ago as a future seed source, and trialling area for new species. 6500 trees from 1000 species have been planted on the 150 ha property and seed crops are now being collected.	Eric and Robert Appleton Appleton's Tree Nursery 0-3-541 8309
Milnthorpe Park	5 km south of Collingwood. Signposted on SH 60, 100m past the turning to Milnthorpe Quay	Initial mission was to establish a strictly indigenous forest. By 1976, after frequent failures, the true nature of the impoverished soils was clear. Idealism yielded to pragmatism. Australian species proved best suited to conditions - quickly grew to enrich topsoil and provide shade canopy, enabling the successful planting of tens of thousands of longer-lived NZ natives. Increasingly the slower natives are rising through the exotic canopy. Rimu doing particularly well.	Open to the public
Tunnel Creek Evergreens	½ hour south of Richmond	As well as radiata there are 7 ha of douglas fir dating from early 1960s, another 7 ha cypress, 2 ha redwood, two arboreta specialising in fir and cedar, about 100 tulip trees, plus blackwood and eucalypt. A wide range of timbers was used in building the house, many of them coming from the property.	Bevan Walker 0-3-544 7877
deGray property	Upper Moutere	A trial of 200 sugar maples planted 1984-2000. Tapping taking place since about 2006. Remainder of property planted for timber and amenity, with macrocarpa, blackwood, eucalypts, and more.	Dave deGray 0-3-543 2841

Name of site	Location	What is on view?	Local contact person (if known and necessary for access)
Gavin farm	Murchison	Planting started 1995, some natives plus alternative timber species, eg cypress (lawson, leyland, ovensii, macrocarpa), redwood, douglas fir, maple, poplar. They are being grown for pleasure, but tended as production forestry. Combination of open space and trees – gardening with trees.	Terry and Claire Gavin 0-3-548 0338
Marlborough			
Wither Hills Farm Park	On Wither Hills, E of Blenheim. Several access points with information boards.	The reserve is operated as a working farm. Soil conservation also a principal function. There has been extensive and ongoing tree planting within the valley systems since 1985. There is a 40 ha QE II covenanted area of dryland forest. A recovery management programme prepared following a major fire in 2000 includes annual vegetation monitoring and additional ecosourced planting.	Open to the public
Victoria Domain	Picton	Rapid recovery back to natural vegetation has occurred over much of this former cleared and farmed peninsula. Control continues on invasive weed species, plus periodic control of possum, goat and pig. A weed pest management plan helps prioritise control efforts.	Open to the public
 Dawkins farm	Waihopai Valley	Planting since 1978. Trees integrated into management of the dryland sheep/beef farm, to provide shelter, shade, fodder and amenity values. Radiata used as commercial crop, elsewhere alternative species are used, including poplars for erosion control.	Chris Dawkins 0-3-572 4834
West Coast			
The Tree Centre	10 km north of Hokitika	Pine plantation and surrounding trial species, tall native kahikatea forest and wetland, poplars and willows at river section.	Michael Orchard 0-3-755 7310

Name of site	Location	What is on view?	Local contact person (if known and necessary for access)
Thompson/ Danford property	5 km north of Hokitika	Pine, cypress and eucalypt woodlots since 1994, fruit trees and crops, lifestyle sheep grazing, QE II native forest covenant.	Susi Thompson and Rob Danford 0-3-755 8056
Davidson Property	4km north of Hokitika	Sheep farm, exotic woodlots, a range of special species plantings, QE II native forest covenant.	Jack Davidson 0-3-755 8178
Ferguson property	30 mins NE of Greymouth	Large-scale deer, sheep, beef farm. Large indigenous forest sustained yield operation, via a registered plan allowing extraction of one tree per ha per year – about 1000 tonnes a year. Indigenous protected forest covenants, exotic shelterbelts. 10 ha douglas fir approaching 35 years old, 16 ha radiata carbon sink.	Ken Ferguson 0-3-732 3501
Gaia Trees	10km south of Hokitika	Tree nursery, fruit trees, shelter and coastal shelter. Some timber. Coppicing eucalypts for firewood, other hardwoods for woodturning. Also pollarding as a form of coppicing to keep new growth out of reach of animals.	Ben Gaia 0-3-755 6641
Canterbury			
Hanmer Forest	Outskirts of Hanmer, North Canterbury	Range of NZ Forest Service trial plantings from the early 1900s onwards.	Open to the public
 'Melrose' station	Hawarden, N. Canterbury	Range of species for woodlots and shelterbelts in inland N. Canterbury hill country.	Dugald Rutherford 0-3-314 4180
 Fleming farm	Mt Grey, N. Canterbury	Range of species suitable for N. Canterbury. Trees for woodlots, shelterbelts and fodder.	Gary Fleming 0-3-312 9274
Orton Bradley Park	Charteris Bay, Banks Peninsula	Orton Bradley planted 150 species from around the globe in the late 19th and early 20th centuries. As well as amenity values he was interested in the timber potential of a range of trees, from planting through to milling. The arboretum is primarily a conifer collection, and has expanded with experimental plantings in the late 1970s and early 1980s.	Open to the public. Entry fee



Name of site	Location	What is on view?	Local contact person (if known and necessary for access)
Lake Coleridge Arboretum (Harry Hart Arboretum)	Lake Coleridge	A collection of conifers in the Canterbury high country first planted by Harry Hart in 1933 to provide shelter for staff working at the Lake Coleridge power station. It was doubled in size mid-1980s, with further expansion mid-1990s.	Open to the public – but go first to Coleridge Lodge to get the arboretum guide
'Silverwood'	Hororata	4ha of experimental sustainable forestry using oak, walnut, wattle, chestnut, cypress, eucalypts, and natives on a cold dryland site. Planting began in 2001, was expanded to include natives in 2006, cypresses in 2009, eucalypts in 2011, and silver wattles in 2012. Chestnut coppicing aimed at sustainably producing naturally durable posts began in 2012.	Derrick Rooney 0-3-318 0763
Somerset Farm	45 km west of Ashburton	350 ha of flat land, rainfall about 900mm, temperatures range from very cold with snow in winter to hot dry nor'westers in summer. Most fence lines have some form of shelter or shade trees. There are amenity plantings in corners of shelterbelts, around roadside power poles, along laneways and in yard. Wanted to get away from pines (more maintenance, and tend to blow over) and eucalypts (branches often break due to snow and wind). Now over 50 species growing around the farm.	John and Betty Greenslade 0-3-303 6076
Otago			
 Stevens property	Near Balclutha	A wide range of cypress species clones and provenances planted as a trial block since 1995.	Ken Stephens 03 412 8678
'Jolendale' arboretum	9 Peterson Place, Alexandra	A semi-arid arboretum of tree species from around the world on one of the driest sites in Central Otago. QE II covenanted.	Privately owned but open to the public.
 'Chardale'	20 mins north of Balclutha at Hillend.	Top example of farm planting, shelter, riparian. Colour themes.	Alan Roulston 03 418 1581

Name of site	Location	What is on view?	Local contact person (if known and necessary for access)
Southland			
Milligan farm	Dipton	Wide range of eucalypts plus forestry in general. A good autumn brings spectacular colour.	Graham Milligan 0-3-248 5147
 Purey-Cust property	10 minutes west of Gore	A variety of less common plantation species, including eucalypt, poplar, cypress and Nothofagus.	John Purey-Cust 0-3-208 5200
SFFA Waimumu demonstration site	Waimumu, Southland	An ongoing project for over 20 years, with radiata pine, cypress, willow, eucalypt and natives. Currently in the process of eradicating crack willow.	John Purey-Cust 0-3-208 5200
Watson farm	15 minutes east of Invercargill	Flat, exposed to salt winds with a coastal sting. Three bad winters in a row with massive loss of lambs was the catalyst to start planting for shelter – originally for sheep, but now benefiting dairy and horticulture. The farm now a pleasant workplace, with shelter, wetlands, plus native and exotic amenity plantings.	Graeme Watson 0-3-230 4843



11. Sustainable Farming Fund projects relevant to farm foresters

Information in the following table has been extracted directly from the MPI Sustainable Farming Fund website www.mpi.govt.nz/agriculture/funding-programmes/sustainable-farming-fund.aspx

New projects start each year, so refer directly to the website for the most up-to-date information.

Project number	Applicant group	Project title	
00/341	Environment Waikato on behalf of Farm Forestry Assn and Federated Farmers	Trees for profit and soil conservation.	View project details
01/208	Lower North Island Group for Drought Relief from Feeding Willow/Poplar	Sustainable tree fodder for drought relief.	View project details
02/050	Hawke's Bay Farm Forestry Association	Providing management options for the control of willow sawfly to protect unstable pastoral hill country (and tree fodder) and river berms and erosion and shelter belts from defoliation.	View project details
03/204	Tane's Tree Trust	Opportunities for native trees on farms.	View project details
11/047	New Zealand Farm Forestry Association	Trees on farms workshops.	View project details
L06/047	Native Afforestation Silviculture Group	A pilot inventory of elite native timber trees as seed-sources for native afforestation silviculture from lowland environmental domains.	View project details
L07/060	Development of new Workshop Programme on Planting Native Trees for Timber	Development of new workshop programme on planting native trees for timber.	View project details
L09/033	Tane's Tree Trust	Tane's Tree Trust: A ten year review.	View project details
L12/095	New Zealand Farm Forestry Association	Trees on farms - making better use of information resources.	View project details
00/069	NZ Farm Forestry Association	Farm forestry for economic and environmental sustainability.	View project details



Project number	Applicant group	Project title	
01/085	Tane's Tree Trust	Promotion and development of planted indigenous forestry (for timber and other uses) as a viable landuse option for farmers	View project details
01/086	Indigenous Forest Certification Steering Group	Education and consultation process for indigenous forestry best management practices and standards.	View project details
01/128	NZ Farm Forestry Association	Expert support to enhance pastoral farming through farm forestry.	View project details
01/183	Southern High Country Branch of the NZ Farm Forestry Assn	A practical set of web-based forestry decision-support tools for farmers and small woodlot owners.	View project details
02/075	NZ Farm Forestry Association	A practical set of web-based forestry decision-support tools for farmers and small woodlot owners.	View project details
03/120	New Zealand Farm Forestry Association	Extend and improve the radiata pine calculator for farm foresters.	View project details
04/050	Forest to Farming Group	Developing environmentally sustainable pastoral farms from exotic forestry plantations.	View project details
04/106	NZ Farm Forestry Association	Best practice with farm forestry timber species.	View project details
04/150	Tane's Tree Trust	Indigenous Forestry - a comprehensive approach to providing information to the widest possible audience.	View project details
05/048	Indigenous Forestry Section (NZFFA) and SILNA Community Forest Owners	Expanding economic viability and sustainably managed indigenous beech forests and industry.	View project details
05/142	Symbiotic Systems	Removing a significant constraint limiting the diversification of the forestry estate.	View project details
07/092	NZ Forest Owners Association	Integrated monitoring and protection of New Zealand's production forest industry.	View project details
10/034	Marlborough Research Centre Trust (MRCT) on behalf of the New Zealand Dryland Forest Initiative (NZDFI)	Establishing forests of genetically improved durable eucalypts in NZ drylands.	View project details



Project number	Applicant group	Project title	
11/048	New Zealand Farm Forestry Association	The design and implementation of a FSC group scheme for small forest growers.	View project details
12/038	Future Forests Research	Minimising the environmental impact of forest weed management in New Zealand.	View project details
L01/013	Indigenous Forest Section of NZ Farm Forestry Assn.	Extension of best management practices bulletins for indigenous forest management.	View project details
L03/010	Hawke's Bay Branch of the New Zealand Farm Forestry Association	To publish a book entitled Guide to farm forestry - A Hawke's Bay perspective.	View project details
L06/014	East Coast Indigenous Forest Group	Decision support for indigenous forest opportunities.	View project details
L06/036	Indigenous Forestry Section (IFS) of the NZ Farm Forestry Association (NZFFA)	Indigenous forestry - information dissemination.	View project details
L06/047	Native Afforestation Silviculture Group	A pilot inventory of elite native timber trees as seed-sources for native afforestation silviculture from lowland environmental domains.	View project details
L07/018	Network for Women in Forestry	Network for women in forestry.	View project details
L07/028	Innovatek Ltd Forestry Industry Engineering Association	Forest products technology e-transfer.	View project details
L07/048	NZ Farm Forestry Association	On-line pest and disease database for forestry.	View project details
L08/062	Small forest plantation growers	Small Grower Forest Plantations - Forest Health Surveillance and New Pest Detection.	View project details
L09/035	Future Forests Research Limited	Returns from short rotation eucalypt forestry.	View project details



Project number	Applicant group	Project title	
L10/136	The Standard Development Group for the National Standard for Certification of Plantation Forest Management in New Zealand. Unwritten by the NZ Forest.	Forest testing and promotion of the national standard for certification of plantation forest management in New Zealand - To Forest Stewardship Council (FSC) Standards.	View project details
L11/142	New Zealand Farm Forestry Association	Farm Forestry Timbers: Local growers for local markets.	View project details
L12/090	Forest Owners Association	Technology transfer packs for foresters to identify and control pine needle disorders.	View project details
L12/091	Eucalypt Action Group of New Zealand Farm Forestry Association	Improved siting recommendations for farm forestry eucalypts using GIS maps.	View project details
L12/096	Wellington Branch, NZ Farm Forestry Association	Pilot study for identification of unaffiliated forest owners.	View project details
L12/098	Tane's Tree Trust	Slashing the cost: Implementing forestry methods for establishing indigenous plants.	View project details
L12/099	Northland Totara Working Group	Developing and managing farm-grown totara forests for high-value timber.	View project details
LC08/043	New Zealand Farm Forestry Association	Adding to the farm forestry model.	View project details
C08/036	Tane's Tree Trust	National survey of indigenous plantations for carbon accounting	View project details
C08/039	Montfort Trimble Foundation	Enhancing pastoral farming sustainability through carbon sequestration	View project details
04/089	National Poplar and Willow Users Group	Poplars and willows for environmental management and fodder	View project details
05/144	Tairāwhiti Poplar nursery group	Poplar nursery discussion group, quality production and development of a best practice guide	View project details

Project number	Applicant group	Project title
02/050	Hawke's Bay Farm Forestry Association	Providing management options for the control of willow sawfly to protect unstable pastoral hill country (and tree fodder) and river berms and erosion and shelter belts from defoliation View project details

12. Training and education for farm foresters

Training/education provider	Course details	Web link
Eastern Institute of Technology	No specific forestry/farm forestry courses but agricultural courses include some tree-related modules.	www.eit.ac.nz/
FITEC	Forestry industry training organisation. Structured training programmes for forest workers. NZQA Level 2 (school leaver/new entrant) to Level 4 (diploma). Includes apprenticeships.	www.fitec.org.nz/
Lincoln University	A range of forestry and farm-forestry related and wood papers are offered by the faculty of Agriculture and Life Sciences	www.lincoln.ac.nz/Degrees-Diplomas-and-Certificates/Courses-A---Z/Forestry/
Massey University	Trees on Farms paper is part of undergraduate agriculture course.	www.massey.ac.nz/
Taratahi Agricultural Training Centre	No specific forestry/farm forestry courses but agricultural courses include some tree-related modules.	www.taratahi.ac.nz/
Telford Rural Polytechnic	Certificate in Forestry – 34-week on-campus course. Practical knowledge and skills for the forestry industry, especially silviculture and harvesting. Correspondence courses in forestry and forest nursery production.	www.telford.ac.nz/
University of Canterbury	Undergraduate and post-graduate degrees in forestry and forest engineering.	www.canterbury.ac.nz/
Waiariki Institute of Technology	Range of forestry management, forestry operations, and wood processing courses from diploma to degree level. Some short courses.	www.waiariki.ac.nz/



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