

Lowland flats & alluvial terraces

KEY

PLANTING RATIO
relative proportions of plants
■ = plant commonly
■ = plant less commonly

PLANT PREFERENCES
■ = prefers or tolerates
1/2 = prefers or tolerates some
□ = intolerant of
1 = frost hardy
2 = semi-frost hardy
3 = frost tender

TYPE OF FOOD PROVIDED FOR BIRDS & LIZARDS
F = Fruit/seeds
N = Nectar
B = Buds/foilage
I = Insects

Trees

What to plant	Māori and/or common name	Planting Ratio		Plant Preferences						Max Heights	Food Type	Notes	
		Early Stage	Later Stage	Wet	Moist	Dry	Sun	Shade	Frost				
Botanical name													
<i>Alectryon excelsus</i>	tītoki	■	■	□	■	■	□	■	3	5m	F, I		
<i>Aristotelia serrata</i>	makomako, wineberry	■	■	1/2	■	1/2	1/2	1/2	2	10m	F, B, I		
<i>Beilschmiedia tawa</i>	tawa	■	■	□	■	□	□	■	3	20m			
<i>Carpodetus serratus</i>	putaputāwētā, marble leaf	■	■	■	■	□	■	1/2	1	10m	F, B, I		
<i>Cordyline australis</i>	tī kouka, cabbage tree	■	■	■	■	■	■	□	1	12m	F, N, I		
<i>Cordyline banksii</i>	tī ngahere, forest cabbage tree	■	■	■	■	■	■	1/2	2	4m	F, N		
<i>Dacrycarpus dacrydioides</i>	kahikatea, white pine	■	■	■	■	□	1/2	1/2	1	60m	F, I		
<i>Dacrydium cupressinum</i>	rimu, red pine	■	■	■	■	1/2	1/2	1/2	1	35m	F, I		
<i>Dodonaea viscosa</i>	akeake	■	■	□	■	■	■	□	2	7m	I		
<i>Elaeocarpus dentatus</i>	hīnau	■	■	■	■	1/2	1/2	1/2	2	18m	F, I		
<i>Elaeocarpus hookerianus</i>	pōkākā	■	■	■	■	□	1/2	1/2	1	12m	F, I		
<i>Fuchsia excorticata</i>	kōtukutuku, tree fuchsia	■	■	1/2	■	□	1/2	■	2	10m	F, N, B, I		
<i>Griselinia littoralis</i>	papauma, broadleaf	■	■	□	■	■	■	■	1	15m	F, B, N, I		
<i>Griselinia lucida</i>	puka	■	■	□	■	■	■	1/2	3				
<i>Hedycarya arborea</i>	porokaiwhiri, pigeonwood	■	■	■	■	■	■	1/2	3	8m	F, B, N, I		
<i>Hoheria angustifolia</i>	houhere, narrow-leaved lacebark	■	■	1/2	■	■	■	□	1	10m	F, I	Especially floodplains and deltas	
<i>Kunzea ericoides</i>	kānuka	■	■	□	1/2	■	■	□	1	15m	N, I		
<i>Laurelia novae-zelandiae</i>	pukatea	■	■	■	1/2	□	□	■	3	35m	B, I	Especially floodplains and deltas in depressions	
<i>Leptospermum scoparium</i>	mānuka, teatree	■	■	■	■	■	■	□	1	8m	N, I		
<i>Lophomyrtus bullata</i>	ramarama	■	■	■	■	■	1/2	■	2	5m	N, F		
<i>Lophomyrtus obcordata</i>	rōhutu, NZ myrtle	■	■	■	■	■	■	■	2		F, I	Mainly riparian	
<i>Macropiper excelsum</i>	kawakawa	■	■	1/2	■	■	■	■	3	6m	F, I		
<i>Melicytus lanceolatus</i>	māhoe wao	■	■	□	■	□	1/2	■	2	6m	F, B, I		
<i>Melicytus ramiflorus</i>	māhoe, whiteywood	■	■	□	1/2	□	1/2	■	2	10m	N, B, I		
<i>Metrosideros umbellata</i>	southern rātā	■	■	□	■	1/2	■	□	1	15m	N, I	Riparian only	
<i>Myrsine australis</i>	māpou	■	■	□	■	■	■	1/2	1	8m	F, I	Slow growing	

<i>Nestegis cunninghamii</i>	black maire	■	□	■	□	□	■	2	20m	F, I		
<i>Nestegis lanceolata</i>	maire, white maire	■	1/2	■	1/2	□	■	2	15m	F, I		
<i>Nothofagus menziesii</i>	tawhai, silver beech	■	■	■	■	1/2	1/2	1	30m	F, I		
<i>Nothofagus solandri</i> var. <i>solandri</i>	tawhairauriki, black beech	■	■	□	■	■	■	1/2	1	25m	F, N, I	
<i>Olearia avicenniifolia</i>	tree daisy	■	■	□	1/2	■	■	□	1	5m	I	Riparian only
<i>Pennantia corymbosa</i>	kaikōmako	■	■	■	■	■	■	■	1	12m	F, N, I, B	Slow growing
<i>Phyllocladus trichomanoides</i>	tānekaha	■	■	□	■	■	■	1/2	2	20m	I	
<i>Pittosporum eugenioides</i>	tarata, lemonwood	■	■	1/2	■	■	■	1/2	1	12m	F, I	
<i>Pittosporum tenuifolium</i>	kōhūhū	■	■	□	■	■	■	1/2	1	9m	F, I, B	
<i>Plagianthus regius</i>	manatū, lowland ribbonwood	■	■	1/2	■	■	■	□	1	15m	F, I, B	Especially floodplains and deltas
<i>Podocarpus totara</i>	tōtara	■	■	□	■	■	■	1/2	1	30m	F, B, I	
<i>Prumnopitys ferruginea</i>	miro	■	1/2	■	□	1/2	1/2	1	25m	F, I		
<i>Prumnopitys taxifolia</i>	mataī, black pine	■	■	□	■	■	■	1/2	1	25m	F, I	
<i>Pseudopanax arboreus</i>	whauwhaupaku, five-finger	■	■	□	■	1/2	1/2	1/2	2	8m	F, N, I, B	
<i>Pseudopanax crassifolius</i>	horoeaka, lancewood	■	■	1/2	■	■	■	■	1	10m	F, N, I	
<i>Rhopalostylis sapida</i>	nīkau	■	■	1/2	■	□	□	■	3	10m	F, N, I	
<i>Schefflera digitata</i>	patē, seven finger	■	■	1/2	■	□	1/2	■	2	8m	F, N, B	
<i>Sophora microphylla</i>	kōwhai	■	■	□	1/2	■	■	1/2	1	10m	N, I, B	Especially floodplains and deltas
<i>Streblus heterophyllus</i>	tūrepo, small-leaved milk tree	■	■	□	■	■	1/2	1/2	3	10m	F, B	Slow growing
<i>Weinmannia racemosa</i>	kamahi	■	■	1/2	■	1/2	1/2	1/2	1	10m	N, I	

Shrubs

* indicates those that can become small trees, 5-8m

What to plant	Māori and/or common name	Planting Ratio		Plant Preferences						Max Heights	Food Type	Notes
		Early Stage	Later Stage	Wet	Moist	Dry	Sun	Shade	Frost			
<i>Alepis flavida</i>	yellow mistletoe	■	■				■	1/2	2		F, N	Not a suitable revegetation species; nationally rare
<i>Alseuosmia pusilla</i>	toropapa	■	■	1/2	■	□	□	■	2		F, N	
<i>Carmichaelia australis</i> var. "flagelliformis"	whip broom	■	■	1/2	■	■	■	1/2	1		B	Mainly riparian
<i>Carmichaelia odorata</i> var. "glabrata"	leafy broom	■	■	1/2	■	■	■	1/2	2		B	Mainly riparian
<i>Coprosma areolata</i>	thin-leaved coprosma	■	■	□	■	1/2	1/2	1/2	2	*5m	F, B	
<i>Coprosma crassifolia</i>	thick leaved coprosma	■	■	□	1/2	■	■	1/2	1	*	F, N	Mainly riparian - especially dry sites
<i>Coprosma foetidissima</i>	hūpiro, stinking coprosma	■	■	■	■	□	1/2	■	1	*	F	
<i>Coprosma grandifolia</i>	raurēkau	■	■	1/2	■	□	1/2	■	3	*6m	F, B	
<i>Coprosma linariifolia</i>	yellow-wood	■	■	□	■	1/2	■	■	2	*	F, I	Mainly riparian
<i>Coprosma lucida</i>	shining karamū	■	■	□	■	■	■	1/2	2	*	F	
<i>Coprosma obconica</i>	base coprosma	■	■	1/2	■	■	1/2	1/2	1	*	F	Nationally rare
<i>Coprosma propinqua</i>	mingimingi, common coprosma	■	■	■	■	■	■	□	1	*	F, I	
<i>Coprosma rhamnoides</i>	scrub coprosma	■	■	□	1/2	■	■	1/2	1		F, I	
<i>Coprosma rigida</i>	streamside coprosma	■	■	1/2	■	1/2	■	1/2	1	*	F	Especially riparian
<i>Coprosma robusta</i>	karamū	■	■	1/2	■	■	■	1/2	2		F	

Shrubs continued

What to plant	Māori and/or common name	Planting Ratio		Plant Preferences						Max Heights	Food Type	Notes
		Early Stage	Later Stage	Wet	Moist	Dry	Sun	Shade	Frost			
Coprosma rotundifolia	round-leaved coprosma	■ ■	■ ■	1/2	■	□	1/2	■	1	*5m	F, I	
Coprosma aff. parviflora (=C. "tayloriae")	tier coprosma	■	■	■	■	■	■	1/2	1	*	F	
Coriaria arborea	tutu	■ ■		1/2	■	■	■	□	2	*	F	
Corokia cotoneaster	korokio	■ ■	■	□	1/2	■	■	□	1		N, F	
Gaultheria antipoda	false beech		■ ■	□	1/2	■	■	1/2	1		F	Mainly riparian
Geniostoma ligustrifolium	hangehange		■ ■	□	■	1/2	1/2	■	3		N	
Hebe divaricata	hebe	■ ■		□	1/2	■	■	1/2	2			Mainly riparian
Hebe gracillima	hebe	■ ■	■	1/2	1/2	1/2	1/2	■	1			
Hebe stenophylla var. stenophylla	hebe	■ ■	■	□	1/2	■	■	□	1		N, I, B	Mainly riparian
Hebe stricta var. atkinsonii		■ ■		1/2	■	1/2	■	1/2	2		N, I, B	
Hebe venustula	hebe	■ ■	■	□	□	■	■	1/2	1		I	Mainly riparian
Helichrysum lanceolatum	niniao	■ ■	■	□	1/2	■	■	1/2	2			Mainly riparian in later stage
Ileostylus micranthus	small-flowered mistletoe	■ ■	■				■	1/2	2		F, B	Not a suitable revegetation species; nationally rare
Korthalsella lindsayi	forest coral mistletoe	■ ■	■				■	1/2	2			Not a suitable revegetation species
Korthalsella salicornioides	coral mistletoe	■ ■					■	1/2	2			Not a suitable revegetation species; nationally rare
Leptecophylla juniperina (= Cyathodes)	prickly mingimingi	■	■	□	1/2	■	■	1/2	1		F	Mainly riparian
Leucopogon fasciculatus	mingimingi		■ ■	□	■	■	1/2	1/2	1		F, I	
Melicope simplex	poataniwha	■ ■	■	□	■	■	■	1/2	2	*8m	I, N	
Melicytus micranthus	manakura, swamp māhoe		■ ■	■	■	□	1/2	■	2	*	F, I	Especially on low-lying floodplains
Myrsine divaricata	weeping māpou	■ ■	■	■	■	1/2	■	1/2	1	*	F, I	
Neomyrtus pedunculata	rōhutu		■ ■	1/2	■	□	1/2	■	1		F, I	
Olearia arborescens		■ ■	■	1/2	■	□	1/2	1/2	1	*	I	Riparian only
Peraxilla colensoi	pirita, scarlet-flowered mistletoe	■ ■					■	1/2	2		F, N	Not a suitable revegetation species; nationally rare
Pseudowintera axillaris	lowland horopito		■ ■	1/2	■	□	□	■	3	*	F	
Pseudowintera colorata	horopito		■ ■	1/2	■	□	■	■	1		F	
Raukawa anomalus	rauakawa		■ ■	1/2	■	1/2	1/2	■	1		F, N	
Solanum laciniatum	southern poroporo	■ ■		□	■	■	■	□	3		F, N, I	
Teucrium parvifolium	native germander	■ ■	■	□	■	■	1/2	1/2	2			Nationally rare; riparian only
Tupeia antarctica	tāpia, white mistletoe	■ ■					■	1/2	2			Not a suitable revegetation species; locally extinct?
Urtica ferox	stinging tree nettle		■ ■	1/2	■	■	1/2	1/2	2			Not a suitable revegetation species

Climbers

What to plant	Māori and/or common name	Planting Ratio		Plant Preferences						Food Type	Notes	
		Early Stage	Later Stage	Wet	Moist	Dry	Sun	Shade	Frost			
Botanical name												
Calystegia tuguriorum	powhiwhi, native convolvulus	■	■	1/2	■	1/2	■	1/2	2		Can be weedy	
Clematis foetida	small clematis		■	□	■	■	1/2	1/2	2		Not a suitable revegetation species	
Clematis paniculata	puawānanga, bush clematis	■	■	□	■	□	1/2	1/2	2	N		
Freycinetia banksii	kiekie		■	1/2	■	1/2	□	■	3	F, N, I	Semi-coastal	
Fuchsia perscandens	climbing fuchsia		■	1/2	■	□	1/2	1/2	2	F, N, B		
Metrosideros colensoi	limestone climbing rātā		■	□	■	■	1/2	■	2	N	Only on the inland limestone belt	
Metrosideros diffusa	climbing rātā		■	1/2	■	□	1/2	■	2	N		
Metrosideros fulgens	akakura, scarlet climbing rātā		■	□	■	1/2	1/2	■	2	N, I		
Metrosideros perforata	climbing rātā		■	□	■	1/2	1/2	■	2	N, I		
Muehlenbeckia australis	pōhuehue		■	1/2	■	■	1/2	1/2	1	F, I, B	Can become weedy	
Parsonsia heterophylla	kaihua, forest jasmine		■	□	■	□	1/2	■	2			
Passiflora tetrandra	kōhia, passionvine		■	□	■	□	1/2	1/2	3	F, N		
Ripogonum scandens	kareao, supplejack		■	■	■	□	1/2	■	2	F		
Rubus australis	tātārāmoa, ground lawyer		■				■	1/2	1			
Rubus cissoides	bush lawyer		■	1/2	■	□	1/2	■	2	F		
Rubus schmidelioides	scrub lawyer		■	□	■	■	■	1/2	1	F		
Rubus squarrosus	tātārāmoa, leafless lawyer	■		□	1/2	■	■	1/2	1	F		

Ferns

What to plant	Māori and/or common name	Planting Ratio		Plant Preferences						Food Type	Notes	
		Early Stage	Later Stage	Wet	Moist	Dry	Sun	Shade	Frost			
Botanical name												
Asplenium bulbiferum	mauku, manamana, hen and chickens fern		■	1/2	■	□	□	■	3			
Asplenium oblongifolium	huruwhenua, shining spleenwort		■	□	■	■	1/2	■	3			
Blechnum discolor	piupiu, crown fern		■	□	■	1/2	1/2	■	2			
Blechnum filiforme	pānako, climbing hardfern		■	□	■	■	□	■	3			
Blechnum fluviatile	kiwakiwa, terrace hardfern		■	1/2	■	□	□	■	1			
Blechnum novae-zelandiae	kiokio	■	■	■	■	■	1/2	■	1			
Cyathea dealbata	ponga, silver tree fern	■	■	□	■	1/2	□	■	2			
Cyathea medullaris	mamaku, black tree fern	■	■	1/2	■	□	□	■	3			
Dicksonia fibrosa	whēkī ponga, stout tree fern	■	■	1/2	■	□	□	■	1	I		
Dicksonia squarrosa	whēkī, rough tree fern	■	■	1/2	■	□	□	■	2	I		
Microsorium pustulatum	kōwaowao, hound's tongue	■	■	□	■	■	1/2	■	2			
Pneumatopteris pennigera	pākau, gully fern	■	■	□	■	□	□	■	2			

Ground covers, grasses, sedges and rushes

What to plant	Māori and/or common name	Planting Ratio		Plant Preferences						Food Type	Notes
		Early Stage	Later Stage	Wet	Moist	Dry	Sun	Shade	Frost		
<i>Acaena anserinifolia</i>	piripiri	■ ■	■	1/2	■	■	■	1/2	1		Mainly riparian
<i>Anaphalioides bellidioides</i>	everlasting daisy	■ ■	■	□	■	■	■	1/2	1		Mainly riparian
<i>Anemanthele lessoniana</i>	gossamer grass	■ ■	■	□	■	■	■	1/2	2		Confined to alluvium and limestone; nationally rare
<i>Astelia fragrans</i>	kahakaha, forest lily		■ ■	□	■	□	1/2	■	2	F	
<i>Carex cockayneana</i>		■	■	□	■	1/2	1/2	1/2	2	F	
<i>Carex dissita</i>			■	■	■	□	1/2	1/2	1	F	
<i>Carex flagellifera</i>	boot strap sedge	■		□	■	1/2	■	1/2	1	F	
<i>Carex solandri</i>		■	■	□	■	1/2	1/2	1/2	2	F	
<i>Centella uniflora</i>	centella	■		1/2	■	1/2	■	1/2	2		
<i>Chionochloa conspicua</i>	hunangāmoho, streambank snowtussock	■	■	1/2	■	□	■	1/2	1		Mainly riparian
<i>Cortaderia richardii</i>	South Island toetoe	■ ■	■ ■	■	■	■	■	□	1		Mainly riparian
<i>Dianella nigra</i>	turutu, blueberry		■	□	■	■	■	1/2	2	F	
<i>Gahnia pauciflora</i>	cutty sedge	■		□	■	■	■	1/2	3	F	
<i>Libertia mooreae</i>	mikoikoi, native iris	■	■	□	■	■	■	1/2	2		
<i>Microlaena avenacea</i>	bush ricegrass		■ ■	1/2	■	1/2	1/2	■	1		
<i>Microlaena polynoda</i>	bamboo ricegrass		■	□	■	■	1/2	1/2	3		
<i>Microlaena stipoides</i>	meadow ricegrass	■		■	■	■	■	1/2	2		
<i>Phormium tenax</i>	harakeke, swamp flax	■	■	■	■	1/2	■	□	1	N	Mainly riparian
<i>Pratia angulata</i>	pānakenake, pratia	■	■	1/2	■	□	■	□	1	F	Mainly riparian
<i>Scutellaria novae-zelandiae</i>	shovel mint		■ ■	□	■	1/2	□	■	2		Nationally rare
<i>Uncinia banksii</i>	hookgrass		■	□	1/2	■	1/2	1/2	2		
<i>Uncinia uncinata</i>	kamu, hookgrass	■ ■	■ ■	1/2	■	□	1/2	■	1		