

# Kahikatea Green Wheel: characteristic and bird food plants

The Kahikatea Green Wheel scores sites based on how many characteristic plant species, or bird food species are present. Characteristic species are those that are most typical of kahikatea stands – they have been found in more than half of a set of healthy Waikato kahikatea stands used as a baseline. The species listed here are all suitable for planting in a kahikatea stand, although some are more suitable for wetter or drier sites.

Use the **kahikatea planting guide** to select the best species for restoring your site.

Indigenous Species (local to Waikato kahikatea forest)	Common name	Characteristic kahikatea species	Bird food species	Winter bird food species
<i>Alectryon excelsus subsp. excelsus</i>	Tītoki	y	y	
<i>Alseuosmia macrophylla</i>	Toropapa		y	
<i>Alseuosmia x quercifolia</i>	Toropapa		y	
<i>Aristotelia serrata</i>	Wineberry	y	y	
<i>Astelia fragrans</i>	Kakaha		y	
<i>Astelia grandis</i>	Swamp astelia		y	
<i>Astelia hastata (syn Collospermum hastatum)</i>	Tank lily	y	y	y
<i>Astelia microsperma (syn Collospermum microspermum)</i>	Kakaha		y	y
<i>Astelia solandri</i>	Kaiwharawhara		y	y
<i>Beilschmiedia tawa</i>	Tawa	y	y	
<i>Brachyglottis repanda</i>	Rangiora		y	
<i>Carpodetus serratus</i>	Putaputawētā	y	y	y
<i>Coprosma arborea</i>	Māmāngi		y	y
<i>Coprosma areolata</i>	Thin-leaved coprosma	y	y	y
<i>Coprosma grandifolia</i>	Kanono		y	y
<i>Coprosma lucida</i>	Shining karamū		y	y
<i>Coprosma propinqua</i>	Mingimingi		y	y
<i>Coprosma propinqua x C. robusta</i>	Mingimingi		y	y
<i>Coprosma rhamnoides</i>	Coprosma		y	
<i>Coprosma rigida</i>	Coprosma		y	y
<i>Coprosma robusta</i>	Karamū		y	y
<i>Coprosma rotundifolia</i>	Round leaved coprosma		y	
<i>Coprosma tenuicaulis</i>	Swamp coprosma	y	y	y
<i>Cordyline australis</i>	Tī, cabbage tree	y	y	
<i>Corynocarpus laevigatus</i>	Karaka		y	

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<i>Dacrycarpus dacrydioides</i>	Kahikatea	y	y	
<i>Dacrydium cupressinum</i>	Rimu	y	y	
<i>Dianella haematica</i>	Swamp blueberry		y	
<i>Dianella nigra</i>	Tūrutu, native blueberry		y	
<i>Dysoxylum spectabile</i>	Kohekohe		y	y
<i>Elaeocarpus dentatus</i>	Hīnau		y	
<i>Elaeocarpus hookerianus</i>	Pōkākā		y	
<i>Freycinetia banksii</i>	Kiekie	y	y	
<i>Fuchsia excorticata</i>	Tree fuchsia		y	
<i>Fuchsia perscandens</i>	Scrambling fuchsia		y	
<i>Geniostoma ligustrifolium</i> var. <i>ligustrifolium</i>	Hangehange	y	y	
<i>Hebe stricta</i> var <i>stricta</i> (now <i>Veronica</i> )	Koromiko		y	
<i>Hedycarya arborea</i>	Pigeonwood	y	y	y
<i>Hoheria populnea</i>	Houhere		y	
<i>Hoheria sexstylosa</i>	Houhere		y	
<i>Knightia excelsa</i>	Rewarewa	y	y	
<i>Leucopogon fasciculatus</i>	Mingimingi		y	
<i>Litsea calicaris</i>	Mangeao		y	
<i>Lophomyrtus bullata</i>	Ramarama		y	
<i>Melicope simplex</i>	Poataniwha		y	
<i>Melicytus lanceolatus</i>	Narrow-leaved māhoe		y	y
<i>Melicytus micranthus</i>	Swamp māhoe	y	y	
<i>Melicytus ramiflorus</i> subsp. <i>ramiflorus</i>	Māhoe	y	y	
<i>Metrosideros colensoi</i>	Rātā		y	
<i>Metrosideros diffusa</i>	White rātā	y	y	
<i>Metrosideros fulgens</i>	Rātā		y	y
<i>Metrosideros perforata</i>	White rātā	y	y	
<i>Metrosideros robusta</i>	Northern rātā		y	
<i>Muehlenbeckia australis</i>	Pōhuehue	y	y	
<i>Muehlenbeckia axillaris</i>	Pōhuehue		y	
<i>Muehlenbeckia complexa</i>	Pōhuehue		y	
<i>Myrsine australis</i>	Māpou	y	y	y
<i>Neomyrtus pedunculata</i>	Rōhutu		y	

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<i>Nertera dichondrifolia</i>	Nertera		y	
<i>Nertera scapanoides</i>	Nertera		y	
<i>Nestegis cunninghamii</i>	Black maire		y	
<i>Nestegis lanceolata</i>	White maire	y	y	
<i>Nestegis montana</i>	Narrow-leaved maire		y	
<i>Olearia rani</i>	Houpara		y	
<i>Parsonsia capsularis</i>	New Zealand jasmine		y	
<i>Parsonsia heterophylla</i>	New Zealand jasmine	y	y	
<i>Passiflora tetrandra</i>	Native passionfruit	y	y	y
<i>Pennantia corymbosa</i>	Kaikōmako		y	
<i>Phormium tenax</i>	Flax, harakeke		y	
<i>Piper excelsum</i> (syn <i>Macropiper excelsum</i> var. <i>excelsum</i> )	Kawakawa		y	y
<i>Pittosporum cornifolium</i>	Tawhirikaro		y	
<i>Pittosporum eugenioides</i>	Tarata		y	y
<i>Pittosporum tenuifolium</i>	Kōhūhū		y	
<i>Podocarpus totara</i> var. <i>totara</i>	Lowland tōtara	y	y	y
<i>Prumnopitys ferruginea</i>	Miro		y	y
<i>Prumnopitys taxifolia</i>	Mataī	y	y	
<i>Pseudopanax anomalus</i> (syn <i>Raukaua</i> )	Raukawa		y	
<i>Pseudopanax arboreus</i>	Five-finger		y	y
<i>Pseudopanax crassifolius</i>	Lancewood	y	y	y
<i>Rhopalostylis sapida</i>	Nīkau		y	
<i>Ripogonum scandens</i>	Supplejack	y	y	y
<i>Rubus australis</i>	Bush lawyer		y	
<i>Rubus cissoides</i>	Bush lawyer		y	
<i>Rubus schmidelioides</i>	Bush lawyer		y	
<i>Schefflera digitata</i>	Patē		y	y
<i>Solanum aviculare</i> var. <i>aviculare</i>	Poroporo		y	
<i>Solanum nodiflorum</i> (syn <i>S. americanum</i> )	Small-flowered nightshade		y	
<i>Sophora microphylla</i>	Kōwhai		y	
<i>Streblus heterophyllus</i>	Tūrepo	y	y	

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<i>Syzygium maire</i>	Swamp maire		y	y
<i>Acaena anserinifolia</i>	Bidibid			
<i>Adiantum cunninghamii</i>	Maiden hair fern			
<i>Anarthropteris lanceolata</i>	Lance fern			
<i>Arthropteris tenella</i>	Jointed fern			
<i>Asplenium bulbiferum</i>	Hen and chicken fern	y		
<i>Asplenium bulbiferum</i> × <i>A. flaccidum</i>	Hen and chicken fern			
<i>Asplenium flaccidum</i>	Hanging spleenwort	y		
<i>Asplenium gracillimum</i>	Hen and chicken fern			
<i>Asplenium lamprophyllum</i>	Hen and chicken fern			
<i>Asplenium oblongifolium</i>	Shining spleenwort	y		
<i>Asplenium polyodon</i>	Sickle spleenwort	y		
<i>Austroderia fulvida</i>	Toetoe			
<i>Azolla filiculoides</i>	Floating fern			
<i>Blechnum chambersii</i> (now <i>Austroblechnum lanceolatum</i> )	Lance fern	y		
<i>Blechnum discolor</i> (now <i>Lomaria discolor</i> )	Crown fern			
<i>Blechnum filiforme</i> (now <i>Icarus filiformis</i> )	Thread fern	y		
<i>Blechnum fluviatile</i> (now <i>Cranfillia fluviatilis</i> )	Thread fern	y		
<i>Blechnum membranaceum</i> (now <i>Austroblechnum membranaceum</i> )	Fern			
<i>Blechnum minus</i> (now <i>Parablechnum minus</i> )	Swamp kiokio			
<i>Blechnum novae-zelandiae</i> (now <i>Parablechnum novae-zelandiae</i> )	Kiokio	y		
<i>Blechnum penna-marina</i> (now <i>Austroblechnum penna-marina</i> )	Little hard fern			
<i>Bolboschoenus fluviatilis</i>	Marsh clubrush			
<i>Callitriche muelleri</i>	Starwort			
<i>Callitriche petriei</i> subsp. <i>petriei</i>	Starwort			
<i>Callitriche stagnalis</i>	Starwort			
<i>Calystegia sepium</i> subsp. <i>roseata</i>	Bindweed	y		
<i>Calystegia tuguriorum</i>	Climbing convolvulus			

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<i>Cardamine corymbosa</i> agg.	Bitter cress			
<i>Cardamine debliis</i> agg.	Bitter cress			
<i>Carex comans</i>	Sedge			
<i>Carex dipsacea</i>	Sedge			
<i>Carex dissita</i>	Sedge	y		
<i>Carex fascicularis</i>	Sedge			
<i>Carex gaudichaudiana</i>	Sedge			
<i>Carex geminata</i>	Sedge			
<i>Carex inversa</i>	Sedge			
<i>Carex lambertiana</i>	Sedge	y		
<i>Carex lessoniana</i>	Sedge			
<i>Carex maorica</i>	Sedge			
<i>Carex secta</i>	Purei			
<i>Carex solandri</i>	Sedge			
<i>Carex virgata</i>	Pūrei	y		
<i>Carmichaelia australis</i>	Broom			
<i>Centella uniflora</i>	Centella			
<i>Clematis foetida</i>	Clematis			
<i>Clematis paniculata</i>	Puawānanga			
<i>Corybas trilobus</i>	Orchid			
<i>Cyathea cunninghamii</i>	Gully fern			
<i>Cyathea dealbata</i>	Ponga, silver fern	y		
<i>Cyathea medullaris</i>	Mamaku, black fern	y		
<i>Cyathea smithii</i>	Smith's tree fern			
<i>Cyperus ustulatus</i>	Umbrella sedge			
<i>Dendrobium cunninghamii</i>	Bamboo orchid			
<i>Deparia petersenii</i> subsp. <i>congrua</i> (incl. <i>D. tenuifolia</i> )	Fern	y		
<i>Deyeuxia avenioides</i>	Mountain oat grass			
<i>Dichondra repens</i>	Dichondra			
<i>Dicksonia fibrosa</i>	Whekī ponga	y		
<i>Dicksonia squarrosa</i>	Whekī	y		
<i>Diplazium australe</i>	Fern	y		
<i>Doodia australis</i> (syn <i>D. media</i> , <i>Blechnum parrisiae</i> )	Rasp fern	y		

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<i>Drymoanthus adversus</i>	Orchid			
<i>Earina autumnalis</i>	Easter orchid			
<i>Earina mucronata</i>	Bamboo orchid			
<i>Echinopogon ovatus</i>	Forest hedgehog grass			
<i>Elatostea rugosum</i>	Parataniwha			
<i>Eleocharis acuta</i>	Sharp spike sedge			
<i>Gahnia lacera</i>	Cutty grass			
<i>Gahnia pauciflora</i>	Cutty grass			
<i>Gahnia setifolia</i>	Cutty grass			
<i>Gahnia xanthocarpa</i>	Cutty grass			
<i>Galium propinquum</i>	Native bedstraw			
<i>Galium trilobum</i>	Native bedstraw			
<i>Geranium potentilloides</i>	Geranium			
<i>Grammitis billardierei</i>	Fern			
<i>Haloragis erecta</i>	Toatoa			
<i>Histiopteris incisa</i>	Water fern	y		
<i>Hydrocotyle heteromeria</i>	Pennywort			
<i>Hydrocotyle microphylla</i>	Pennywort			
<i>Hydrocotyle moschata var. moschata</i>	Pennywort			
<i>Hydrocotyle moschata var. parvifolia</i>	Pennywort			
<i>Hydrocotyle novae-zelandiae</i>	Pennywort			
<i>Hydrocotyle pterocarpa</i>	Pennywort			
<i>Hymenophyllum armstrongii</i>	Filmy fern			
<i>Hymenophyllum demissum</i>	Filmy fern			
<i>Hymenophyllum dilatatum</i>	Filmy fern			
<i>Hymenophyllum flabellatum</i>	Filmy fern			
<i>Hymenophyllum flexuosum</i>	Filmy fern			
<i>Hymenophyllum revolutum</i>	Filmy fern			
<i>Hymenophyllum sanguinolentum</i>	Filmy fern			
<i>Hypolepis ambigua</i>	Fern			
<i>Hypolepis distans</i>	Fern			
<i>Hypolepis lactea</i>	Fern			
<i>Hypolepis rufobarbata</i>	Fern			
<i>Isachne globosa</i>	Swamp millet			

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<i>Isolepis inundatus</i>	Clubrush			
<i>Isolepis prolifer</i>	Clubrush			
<i>Isolepis reticularis</i>	Clubrush			
<i>Juncus australis</i>	Wīwī			
<i>Juncus edgariae</i> (syn <i>J. gregiflorus</i> )	Wīwī			
<i>Juncus planifolius</i>	Wīwī			
<i>Juncus prismatocarpus</i>	Wīwī			
<i>Juncus saraphorus</i>	Wīwī			
<i>Kunzea ericoides</i> var <i>ericoides</i>	Kānuka			
<i>Lastreopsis glabella</i>	Fern	y		
<i>Lastreopsis hispida</i>	Fern			
<i>Laurelia novae-zelandiae</i>	Pukatea	y		
<i>Lemna</i> aff. <i>disperma</i>	Duckweed			
<i>Leptopteris hymenophylloides</i>	Fern			
<i>Leptospermum scoparium</i>	Mānuka			
<i>Lobelia anceps</i>	Lobelia			
<i>Lobelia angulata</i>	Lobelia			
<i>Lygodium articulatum</i>	Mangemange			
<i>Machaerina rubiginosa</i>	Rush			
<i>Machaerina tenax</i>	Rush			
<i>Machaerina teretifolia</i>	Rush			
<i>Microlaena avenacea</i> (syn <i>Ehrhata diplax</i> )	Bush rice grass	y		
<i>Microlaena stipoides</i>	Bush rice grass	y		
<i>Microsorium pustulatum</i> subsp. <i>pustulatum</i>	Hound's tongue fern	y		
<i>Microsorium scandens</i>	Hound's tongue fern	y		
<i>Myriophyllum propinquum</i>	Water milfoil			
<i>Oplismenus hirtellus</i> subsp. <i>imbecillis</i>	Panic grass	y		
<i>Oxalis magellanica</i>	Oxalis			
<i>Paesia scaberula</i>	Ring fern			
<i>Parapolystichum microsora</i> subsp. <i>pentangularis</i> (syn <i>Lastreopsis</i> )	Fern	y		
<i>Pellaea rotundifolia</i>	Fern	y		
<i>Persciaria decipiens</i>	Willow weed			

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<i>Phyllocladus trichomanoides</i>	Tānekaha			
<i>Plagianthus regius</i>	Lowland ribbonwood			
<i>Pneumatopteris pennigera</i>	Fern	y		
<i>Poa anceps</i> var. <i>anceps</i>	Broad-leaved poa			
<i>Polystichum neozelandicum</i> subsp. <i>neozelandicum</i>	Fern			
<i>Polystichum richardii</i>	Fern			
<i>Polystichum silvaticum</i>	Fern			
<i>Polystichum vestitum</i>	Fern			
<i>Pteridium esculentum</i>	Bracken	y		
<i>Pteris macilenta</i>	Fern	y		
<i>Pteris tremula</i>	Fern	y		
<i>Pterostylis banksii</i>	Orchid			
<i>Pyrrosia eleagnifolia</i>	Fern	y		
<i>Ranunculus amphitrichus</i>	Buttercup			
<i>Ranunculus glabrifolius</i>	Buttercup			
<i>Ranunculus macropus</i>	Buttercup			
<i>Rhabdothamnus solandri</i>	Waiuatua			
<i>Rumohra adiantiformis</i>	Fern			
<i>Rytidosperma biannulare</i>	Bristle grass			
<i>Rytidosperma unarede</i>	Bristle grass			
<i>Schoenus maschalinus</i>	Dwarf bog rush			
<i>Senecio hispidulus</i>	Fireweed			
<i>Senecio minimus</i>	Fireweed			
<i>Trichomanes venosum</i>	Kidney fern			
<i>Typha orientalis</i>	Raupō			
<i>Uncinia banksii</i> (now <i>Carex banksiana</i> )	Hook sedge			
<i>Uncinia distans</i>	Hook sedge			
<i>Uncinia uncinata</i> (now <i>Carex uncinata</i> )	Hook sedge	y		
<i>Urtica incisa</i>	Nettle			
<i>Viola lyalli</i>	Native violet			