

Callide Valley Landcare Group Species Information

Trees		Size				Soil	Shelter		Tolerant		Exposure			Special Notes
Scientific Name	Common Name	Height	Width	Growth	Category	Characteristic	Screen/ windbreak	Shade	Frost	Dry	Sun	Semi	Shade	Comments
Acacia Fimbriata	Fringed wattle	6m	5m	Fast	Bushy shrub	Moist well drained or dry soil. >750mm rainfall	Good		Yes	Yes	Yes		Filtered	Flowers in spring Tolerant of damp conditions
Acacia harpophylla	Brigalow	10-20m	4-6m	Med	Hardy farm tree	Fertile clay, loamy clay. <750mm rainfall	Yes	Yes	Yes	Yes	Yes			Tolerant poorly drained soils & Heavy clay.
Acacia podalyiifolia	QLD silver wattle	5m	3-4m	Quick	Tall shrub/ small tree	500mm. Loamy/sandy.	Yes		Mod	Yes	Yes			One of the best garden wattles
Acacia salicina	Sally wattle	5-10m		Fast	Medium tree	Moderate salt tolerance. Low waterlogging tolerance	Yes	Yes		Yes	Yes			Needs good drainage. Grows in rivers and creeks. Levee soils.
Agathis robusta	Australia Kauri	20m		Mod	Large tree	Deep moist soil, good drainage. Not heavy clay soils.		Yes	Yes		Yes	Yes	Yes	Popular in parks & will grow in heavy to light soil mixtures.
Alphitonia excelsa	Red ash	4-5m	5-6m	Tough fast	Small to med tree	Well drained position. >750mm rainfall. Tolerates heavy clay.		Yes	Mod	Yes				Used for medical. Semi deciduous.
Araucaria cunninghamii	Hoop pine	30-50m		Quick young	Large tree	Loam, clay sand, or peat soils. Tolerate drier site soils with low fertility.			Mod		Yes			Tolerate cooler temperatures. >750mm rainfall
Atalaya hemiglauca	Whitewood	3-6m	1.5-4m	Med	Large/ med tree	Most soils, on flats or hillsides. Frost sensitive when young.	Yes	Yes	Yes	Yes				Fodder tree-palatable but low digestibility. Sandy or clay.
Brachychiton	Broad leaf bottle or kurrajong	4-5m	3-6m	Med-fast	Small tree	Heavy clay. <750mm rainfall.		Yes	Mod	Yes				Good drainage.
Brachychiton bidwillii	Pink flowering kurrajong	2-4m	2-4m	Slow	Large shrub	Tolerant a wide range of soils, well drained.				Yes	Yes			Loose leaves before flowering.
Brachychiton popullneus	Kurrajong	10m		Med		Well drained, will grow in rocky outcrops of granite or limestone or deeper soils in areas		Good	Yes	Yes	Yes			Irritating hair around seed. Heavy clay. <750mm rainfall

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<i>Brachychiton rupestris</i>	Bottle tree	18-20m		Slow	Small / med	Tolerates a range of soils. Heavy clay. 750-1000mm rainfall.		Yes	Yes	Yes	Yes			Hardy. Irritating hair around seed. Well drained.
<i>Callistemon Dawson River</i>	Dawson River Bottle brush	2-5m	2-4m	Med	Tall shrub	Variety. Damp or wet conditions –creek, flood prone.	Yes		Mod	Yes	Yes			Frost tender when young. Very hardy.
<i>Callistemon injune</i>	Injune Pink	1.5 – 3m		Med	Small tree	Hardy in most soils			Mod		Yes			Pink flowers
<i>Callistemon pachyphyllus</i>	Green Bottlebrush	1-2m	2m		Small – med shrub	Tolerates poor drainage			Yes					Hardy and flowers in spring.
<i>Callistemon phoeniceus</i>	Scarlet bottlebrush	3m	2m		Med shrub	Tolerant to poor drainage.				Yes	Yes			Red/pink flowers
<i>Callistemon polandii</i>	Red bottle brush	3-4m		Med	Med shrub	Wet tolerant, mod/damp moisture, grows in most soils	Yes				Yes	Yes		Hardy. Moderate salt tolerance
<i>Callistemon salignus</i>	Willow bottle brush	5-10m	5m		Small tree	Tolerate poor drainage	Yes	Yes	No	Yes				Creamy flowers. Hardy. Good Garden or street tree.
<i>Callistemon sieberi</i>	Cream bottlebrush	2-7m		Fast	Shrub or small tree	Grows in sandstone sites, poor acidic soil or poor drainage			Yes	Yes	Yes			Wet soils, around dams or water features. Hardy. 650mmm rain. Adaptable.
<i>Callistemon tinaroo</i>	Tinaroo bottlebrush	2m			Shrub/ small tree	Average to fertile moist soils–will tolerate poor soils	Yes		Yes			Yes		Dark red gold tips
<i>Callistemon viminalis</i>	Weeping bottle brush	10m			Small tree	Medium to heavy soils. Tolerates poor drainage & waterlogging. Heavy clay	Yes			Yes				Frost sensitive when young. Flowers are red and attract birds.
<i>Cassia brewsteri</i>	Leichhardt Bean	12m	4-6m	Fast	Med tree	Adaptable. Free draining soils, tolerates dry conditions.			No	Yes				Glossy dark green leaves. Flower bundles appear golden brown.
<i>Casuarina cristate</i>	Belah	12-20m			Med tree	Tolerates hot, dry & heavy clay. 750-1000mm rainfall.	Yes		Yes	Yes	Yes			Tolerates mod-high salinity & poor drainage. Hardy farm tree.

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<i>Casuarina cunninghamiana</i>	River oak	10-30m	1.5 – 2m	Fast	Large tree	Tolerates poor drained, saline soils & Heavy clay. Moderate salinity & waterlogging tolerant.			Yes		Yes			Good choice for compacted soil. >1000mm rainfall. Excellent for erosion control. Lime tolerant.
<i>Casuarina equitifolia</i>	Coastal she oak	5m			Shrub	Grows on low stony ridges sometimes on heavy black soil	Yes				yes	yes		Grows on sandy soil near beaches
<i>Casuarina glauca</i>	Swamp she oak	8-20m	5-10m			Wetlands, especially saline. Tolerates waterlogging		Yes	Yes	Yes	Yes			>750mm rainfall. Heavy clay soils. Extremely saline tolerant.
<i>Corymbia citriodora</i> (<i>highly scented foliage</i>)	Lemon scented gum	12-20m			Large tree	Most soils, tolerates dry, sandy, moist, high clay				Yes	Yes			Cover plants from frost when young. 750-1000mm rainfall.
<i>Corymbia dallachiana</i>	Eastern ghost gums	10-15m		Slow	Small tree	Clay and sandy soils. Wide range of soils.			Yes	Yes	Yes			Not heavy frosts. Slow erratic grower
<i>Corymbia ptychocarpa</i>	Swamp bloodwood	6m		Mod	Small	Found along streams, moist locations. Clay, sandy & waterlogged.			Yes		Yes			20 inches annual rainfall. Red flowers.
<i>Corymbia setosa</i>	Rough leaved bloodwood	6-10m		Slow	Small/med tree	Will grow in sandy, shallow, gravelly, skeletal soils. Low phosphors				Yes	Yes			Very hardy. Good flowers.
<i>Corymbia tesselliana</i>	Moreton bay ash, carbeen	10-20m		Fast	Med tree	Well drained soils. Usually found on sandy dunes.	Yes	Yes		Yes	Yes			Tolerates mod salt.
<i>Corymbia torelliana</i>	Gadaghi	25-30m		Fast	Tall tree		Yes	Yes			Yes			Good dust and wind break.
<i>Corymbia variegata</i>	Qld spotted gum	25-40m		Fast	Tall tree	Sandy, clay soils. Grows on a wide range of soils, well drained.	Yes		Mod	Yes	Yes			Low-high fertility doesn't tolerate wet, heavy soil. Mod resistance to salt. >600mm rainfall.

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<i>Eucalyptus argophloia</i>	Chinchilla white gum	30m		Fast	Tall tree	Most soils. Heavy clay soils. 600-800mm rainfall. Grows well here. Tolerates poor drainage.	Yes	Yes	Yes	Yes	Yes			Grows in neutral to alkaline, light to heavy clays, saline & sodic soils.
<i>Eucalyptus bakeri</i>	Baker's mallee	6m		Slow	Wattle/ small tree	Will grow in stony ridges				Yes	Yes			Ideal for stony inland areas & drier coastal areas
<i>Eucalyptus brownie</i>	Brown's box	10-20m		Med	Med tree	Grows in-sub surface heavy impermeable clay. Surface light loamy sand to clay	Yes			Yes	Yes			Except alluvial country.
<i>Eucalyptus cambageana</i>	Dawson gum or blackbutt	15-25m		Med	Med tree	Moderate fertile texture. Contrast soils.		Yes	Yes	Yes	Yes			Bricrow clay soils.
<i>Eucalyptus camaldulensis</i>	River red gum	20-45m		Fast	Med/ tall tree	Well drained. Will grow in limey, wet or heavy clay. <750mm rainfall	Yes	Yes	Yes	Yes	Yes			Adaptable –resistant to saline soils. Tolerates poor drainage.
<i>Eucalyptus chloroclada</i>	Baradine gum	15-20m		Med	Med tree	Light to medium soils		Yes	Yes	Yes	Yes			Red gum group.
<i>Eucalyptus coolabah</i>	Coolibah	15-20m	5-10m	Med/ fast	Tall/med tree	Heavy clay soils. Water courses or floodplains.		Yes	Yes		Yes			Cattle will eat leaves. <750mm rainfall & tolerates poor drainage
<i>Eucalyptus crebra</i>	Narrow leaved iron bark	15-30m	8m	Mod- slow	Med/ tall tree	Range of soils. 550-2000m rainfall. Tolerates heavy soils.		Yes		Yes	yes	Yes	Yes	Occurs on low hills & ranges often on sandy stone or clay flats.
<i>Eucalyptus cupularis</i>	Hall's creek white gum	5-10m		Med- fast	Small tree	Well drained soils.		Yes		Yes	Yes			Attractive small tree
<i>Eucalyptus exserta</i>	Qld peppermint	5-10m		Med	Med tree	Suits poor, well drained soils in medium to high rainfall.		Yes	Yes	Yes	Yes			Occurs from coast to inland areas.
<i>Eucalyptus melanophloia</i>	Silver leafed ironbark	20m		Mod	Med tree	Well drained soil. Sandy soils.		Yes	Mod	Yes	Yes			Red gum group with rough bark.

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<i>Eucalyptus melliodora</i>	Yellow box	20m		Fast	Med-large tree	Light sandy, medium loamy or heavy clay soils. Well drained. Grow in slightly saline soils.	Yes	Yes	Yes	Yes	Yes	Yes		Can grow in nutritionally poor soil & poor drainage. >750mm rainfall. Honey tree.
<i>Eucalyptus moluccana</i>	Grey box	20m		Mod	Med tree	Clays or lighter soils with clay in the sub soil. Tolerates poor drainage		Yes		Yes	Yes		No	Good for poorer heavy sites. 700-1200mm rainfall. Highly tolerates salt.
<i>Eucalyptus ochrophloia</i>	Yapunyah	15-20m		Med	Mallee or tree	<750mm rainfall. Heavy clay.		Yes	Yes	Yes	Yes			Good honey tree in western areas.
<i>Eucalyptus orgadophila</i>	Mountain coolibah	12m		Med	Med tree	Clay to stony loams.		Yes	Yes	Yes	Yes			500-700mm rainfall.
<i>Eucalyptus platyphylla</i>	Popular gum	20m		Med	Small/ med tree	Flats of clay soils					Yes			Tolerates wet areas
<i>Eucalyptus populanea</i>	Popular box	10-15m		Med-fast				Yes	Yes	Yes	Yes			Hardy tree suckers.
<i>Eucalyptus raveretiana</i>	Black iron box	20-35m	10-15m	Med	Med/ large tree	Moderate to high salt tolerance to saline sites.		Yes		Yes	Yes			Like cambageana in appearance.
<i>Eucalyptus shirleyii</i>	Shirley's iron box	5-10m		Slow	Small tree	Poor shallow soils				Yes	yes			Trunk & branches usually crooked
<i>Eucalyptus sideroxylon</i>	Mugga iron bark	15-20m		Slow		On a range of soils. Good for poor & heavy soils. High salt tolerance.		Yes		Yes	Yes	Yes		Low rainfall 450-1000mm. mod waterlogging tolerance.
<i>Eucalyptus tereticomis</i>	Blue gum	20m	10-25m	Fast	Tall tree	Suited to sites pron to flooding. Heavy clay. Tolerates poor drainage		Yes	Yes	yes				Prefers alluvial flats. 650-3000mm rainfall.
<i>Eucalyptus thozetiana</i>	Mountain yapunyah	10-15		Slow-med		Often on ridges & ranges in shallow stony soils		Yes						Similar to spotted gum but with narrow leaves.
<i>Eucalyptus australis</i>	Crow's ash	20-40m		Slow	Large tree	Tolerates poor soil aeration. Adaptable to most soils. Heavy clay		Yes	Mod					>750mm rainfall

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Grevillea robusta	Silky oak	5-25m	4-15m	Fast	Med/ tall tree	Well drained soil. Likes slightly acid. Heavy clay & sandy.		Yes	Yes	Yes	Yes			>750mm rainfall.
Lomandra longifolia	Long leaved mat rush	1000 mm	10m m		Tussocky grass	Heavy & clay & sandy soils.			Yes			Yes	Yes	Good drainage.
Lysiphyllum carroni	Red bauhinia	8m		Mod	Small tree	Well drained. Grows in a range of soils along creek or drainage. Semi deciduous.	yes	Yes	No		Yes			Moderate salt tolerance. Park or street plant. Needs protection from frost. 625-750mm rainfall.
Lysiphyllum hookeri	White bauhinia	8m		Mod	Small tree		Yes	Yes	No		Yes			
Melaleuca alternifolia	Narrow leaved tea tree	3m			Med shrub	Tolerates most well drained soils, including waterlogging.	Yes		Mod					Tea tree oil source.
Melaleuca armarillus	Bracelet honey myrtle	2-5m	3-7m	Fast	Large shrub	Suited to coast. Well drained site. Moderate waterlogging tolerance.	Yes		Yes	Yes	Yes			Masses of white flowers in spring. Frost sensitive when young. Low salt tolerance.
Melaleuca bracteata	Black tea tree	3-5m	2-5m	Med-fast	Large shrub	Tolerant of most well drained soils including waterlogging.	Yes		Mod					Moderate salt tolerance. White flowers. >750mm rainfall.
Melaleuca dealbata	Silver paperbark	4-6m	2-4m	Med	Small tree	In poor drainage soils. 1000-1250mm rainfall.								Moderate salt tolerance. Tolerates salty water.
Melaleuca leucodendra-fine	Weeping tea tree-fine leaved	20m			Tree	Grows well in clay soils. Grows naturally along creek banks.								Long creamy white flowers. >1000mm rain. Tolerates waterlogging. Extremely salt tolerant.
Melaleuca leucodendra-broad	Weeping tea tree-broad leaved													
Melaleuca stypheoides	Prickly paperbark	10-20m	5-10m			Suited to poorly drained blackish or saline soils				Yes	Yes	Yes		Grows well in most area. Peeling tan bark.
Melaleuca linarifolia	Flax leaved paperbark	3-10m	2-5m	Med-fast	Small tree /large shrub	Most soils including heavy & wet soils. Suited to coastal areas.	Yes		Yes	Yes				White flowers. Tolerates waterlogging. Moderate salt tolerance.

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Melaleuca tamarisana	Weeping paperbark	3-10m	2-4m	Med	Shrub	Tolerates most soils.	Yes		Mod					Unusual weeping foliage
Melaleuca viridiflora	Broad leaved paperbark	3-10m	2-4m	Med	Small tree	Range of soils. Does well in heavy clays which are waterlogged in the wet.								Excellent for poorly drained & difficult positions.
Melia azedarach	White cedar	15m	5-8m	Med-fast	Med tree	Light to medium soils. Salt tolerant of coastal conditions. Tolerates poor drainage.	Yes		Yes	Yes	Yes			Fruit is poisonous to humans & pigs. Deciduous. <750mm rainfall. Heavy clay.
Pleiogynium timorense	Burdekin plum	12-20m	4-6m	Slow	Shrub tree	Hardy & adaptable to most conditions		Yes	Yes	Yes				Edible fruit. Deciduous.
Senna artemisioides	Silver cassia	2m	1-1.5m	Fast	Small shrub	Good drainage. Grows in most areas			Yes		Yes			Bright yellow flowers
Sterculia quadrifida	Peanut tree	10-18m			Med tree	Medium soil type. Good drainage. Salt tolerant of coastal conditions			Low		Yes			Deciduous. Boat shape pods, red when ripe with black seeds inside that have a nutty taste.

All species are native to/or Queensland natives common in the Fitzroy region. 55 cents each to Landcare approved farm projects within the Dawson Region, but orders must be over 20 trees and the pots returned or \$1.10 each for less than 20 trees.

Species list – Callide Valley Landcare Group, Biloela, 49923894 or 49924292

Taroom Shire Landcare researched this information with the help from Callide Valley Landcare.

Your orders can be placed at:

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