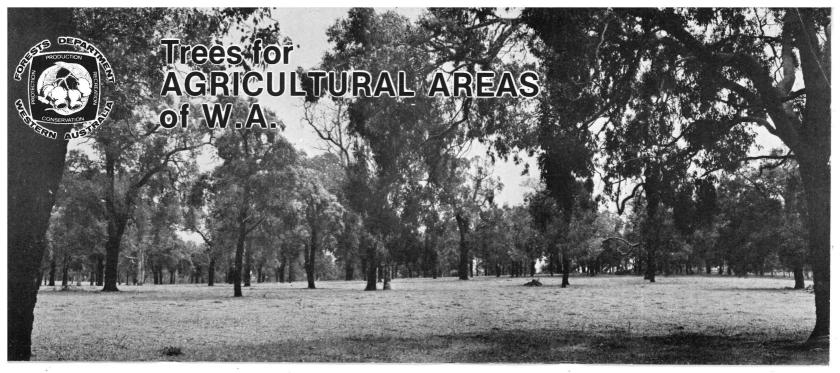
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Department of Biodiversity,
Conservation and Attractions

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Botanical and Common Name	Minimum Yearly Rainfall	Soils	Approx. Height	Description	Recommended Use
Eucalyptus platypus var. heterophylla (Coastal Moort) Eucalyptus pyriformis (Pear Fruited Mallee)	300 mm	Sand to medium loam Sand to medium loam and loamy gravel	5 m 5 m	Bushy tree Rather sparse crowned mallee with very large blossoms varying on	Ornamental, low windbreak and shelter belt Ornamental
Eucalyptus redunca var. melanophloia	300 mm	Occurs naturally on sandy clay flats	10 m	different trees from pale yellow to rich red. Rounded shady crown. Large dark	Shade, ornamental, low shelter belt
(Black-barked Marlock) Eucalyptus rhodantha	400 mm	but will adapt itself to a range of soils Sandy to loamy soils	3 m	green leaves Similar to <i>E. macrocarpa</i> but more	or windbreak Ornamental
(Rose Mallee)			Marie and Marie	bushy in its habit. Flowers January-March.	
Eucalyptus robusta (Swamp Mahogany)	500 mm	Adaptable to most soils including deep sands. Suitable for swampy areas	20 m	Fairly dense crown, large glossy leaves. Bark dark grey	Ornamental, shade and shelter. Tolerates flooding
Eucalyptus salmonophloia (Salmon Gum)	150 mm	Medium to heavy loams	30 m	Handsome tree. Early growth rather slow. Bark smooth salmon coloured. Fairly dense crown with shiny leaves	Shade, windbreak, shelter belt and avenues
Eucalyptus salubris	150 mm	Medium to heavy loams	10 m	If adequately spaced, forms good shady crown, leaves dark green. Bark smooth, bronze coloured. Trunk straight and fluted	Shade, street and avenue
*Eucalyptus sargentii (Salt River Gum)	300 mm	Sand to medium loams	10 m	Vigorous early growth. Bushy globular crown. Medium density	Shade, shelter and windbreaks. Suited to salty areas
*Eucalyptus spathulata	300 mm	Medium to heavy loam. fairly salt tolerant	10 m	Small tree or mallee with smooth bronze coloured bark. Leaves very narrow. If given adequate growing space develops a bushy crown	Shade and shelter belt
Eucalyptus stoatei (Scarlet Pear Gum)	300 mm	Sands and light to medium loam .	5 m	Erect tree with compact dense dark green crown. Buds and capsules large and bright red immediately	Ornamental and street planting
Eucalyptus stricklandii (Yellow Flowered Blackbutt)	150 mm	Loams and loamy gravels. (Not suitable for poor sands)	10 m	prior to and following flowering Bark—lower trunk, black and rough, upper trunk and limbs grey and smooth. Leaves large and shining.	Shade, shelter and ornamental. Highly drought resistant
Eucalyptus torquata (Coral Gum)	150 mm	Loams and better quality gravel soils	10 m	Striking yellow blossoms Rounded dense crown, leaves dark green but lack lustre. Handsome blossoms white to deep pink. Bark	Street, ornamental and shelter belt
Eucalyptus wandoo. (inland form [Wandoo])	200 mm	Adaptable, including poor gravelly sands	20 m	rough, flaky and dark grey Fairly dense spreading crown. Bark smooth and light coloured. Foliage bluish green	Shade and shelter belts
Eucalyptus woodwardii (Lemon Flowered Gum)	150 mm	Good light or medium loams	10 m	Rather open crowned. Mature form bears pendulous branches. Leaves large and glaucous. Large lemon- yellow blossoms	Ornamental
Eucalyptus woodwardii (x Euc. torquata hybrid)	150 mm	Good light or medium loams	10 m	Taller and more erect than E. torquata and more densely crowned than E. woodwardii. Bark dark grey and smooth. Blossoms vary from yellow to	Shade, shelter and ornamental
Ficus macrophylla	500 mm	Adaptable to soils, including coastal	10 m	orange-pink Heavy crowned tree. Massive buttress roots	Shade tree and ornamental
(Moreton Bay Fig) Grevillea robusta	500 mm	sands Well drained loams	10 m	Deeply divided leaves. Bright coppery golden flowers	Ornamental
Hakea bucculenta	200 mm	Light loams and sands	5 m	Tall upright shrub with long narrow leaves and large spikes of orange- red flowers from August-October	Ornamental
Hakea laurina	300 mm	Sand, gravel and loam	5 m	Large ornamental shrub with rounded crown. Blossoms globular – red tipped with yellow	Ornamental and low windbreak
Hakea multilineata	200 mm	Light loams and sand	5 m	Upright shrub with long narrow leaves and large spikes of bright pink flowers August-September	Ornamental
Jacaranda mimosifolia (Jacaranda)	500 mm	Good sand or loam	20 m	Popular deciduous tree with fernlike foliage and masses of voilet-blue flowers	Ornamental and street planting
Kunzea baxteri (Baxter's Kunzea)	400 mm	Adaptable to most soils except leached sands	2 m	Dark green foliaged shrub producing bright red bottlebrush flowers mainly in July-October	Ornamental
Lagunaria patersonii (Norfolk Island Hibiscus)	Needs summer	Adaptable to most soils	10 m	Ornamental tree with pale pink hibiscus like flowers in spring	Seaside planting
Melaleuca armillaris (Bracelet Honey Myrtle)	watering Needs summer	Sandy to loamy soils	5 m	Bushy dark green soft foliaged shrub carrying white terminal flowers in spring	Ornamental or hedge
Melaleuca hamulosa	watering 300 mm	Clay loams	<5 m	Rounded fairly dense light foliage— attractive whitish flowers	Shelter and ornamental
Melaleuca lanceolata (Rottnest Island Tea Tree)	400 mm	Limestone soils, sands and light loams	10 m	Dark green, dense spreading rounded crown. Rough bark	Low shelter belt shade and ornamental. Suitable for coastal areas
Melia azederach	600 mm	Adaptable to most soils, including deep sand	10 m	Deciduous. Fern-like foliage. Clusters of mauve flowers followed by large yellow berries Small, fine needles. Erect habit of	Ornamental, shade Drought resistant. Shade shelter
Pinus brūtia		Good sands and light loams. Suitable for limestone areas	7-94-99-9-9-9-9-9-9-9-9-9-9-9-9-9-9-9-9-	growth	tree including seaside areas
Pinus canariensis	400 mm	Good sand or loam	30 m	Hardy pine with broad pyramidal crown, long pendulous needles Small fine needles. Heavily branched	Shelter belt, shade and ornamental
Pinus halepensis	300 mm 400 mm	Good sands and light loams. Suitable for limestone areas Sandy soils	20 m 20 m	short trunk Hardy tree with dense crown	tree including seaside areas Shelter belt and shade tree.
(Maritime Pine) Pinus pinea	400 mm	Sands and loams	10 m	Dense wide spreading umbrella	Commercial timber Shelter and shade for farms. Edible
(Stone Pine) Pinus radiata	600 mm	Good loam soils	30 m	crown Dense erect crown. Rapid growth .	seeds Shelter belt, road and ornamental planting. Commercial timber
(Monterey Pine) Platanus occidentalis (Plane Tree)	600 mm	Good-sands and loam	20 m	Deciduous, wide spreading crown .	Street and ornamental planting
Populus nigra	600 mm	Prefers damp soils, well drained .	30 m	Deciduous, erect columnar habit .	Shelter belt and avenue planting
Salix babylonica	600 mm	Requires damp conditions	10 m	Rapid growing tree. Attractive foliage and weeping habit	Shade and ornamental
Schinus molle	200 mm	Adaptable to most soils	14 m	Spreading tree with fern-like pendulous foliage	Shade and ornamental
*Tamarix articulata syn. T. aphylla . (Athel Tree or Evergreen Tamarisk)	150 mm	Suitable for heavy salty soils. Otherwise clays over loams and limestone sands	10 m	Dense, bushy tree, fine greyish- green leaves. (Easily grown from cuttings)	Shade, windbreak, ornament
Tristania conferta	600 mm	Adaptable with a preference for heavy soils	20 m	Neat appearance, compact, dark green foliage, small white flowers	Street and ornamental planting

^{*} Salt tolerant

GENERAL NOTES

Plant away from all buildings and septic systems a minimum distance equal to at least the normal height of the matured tree as indicated in the second column.

The above list is, of necessity, brief in extent, and description of the species. It includes only trees which have proved suitable for planting under field conditions in W.A. as shelter belts, windbreaks, shade trees and for roadside and ornamental planting. In gardens where improved conditions can be provided a much wider choice is possible. Persons seeking information on such additional shrubs and trees are advised to consult one of the recognised works on tree and shrub culture, or the more comprehensive

ARTIFICIAL WATERING

It is anticipated that in all field planting no artificial watering will be given. Under such conditions it is essential that—
(1) the ground be thoroughly cultivated both before and for two years after planting to eliminate all competition for moisture by grass and scrub;
(2) the trees be given ample growing space;
(3) planting be carried out soon after first soaking rains.

catalogue of one of the private commercial nurserymen.

USE OF FERTILISERS

Contrary to general opinion most of our native trees respond to application of fertilisers.

About 60 g (a handful) of superphosphate per tree, is recommended at time of planting. It is important that it be spread, or worked into the soil, for a radius of about a metre around the young tree. In soils of low fertility a balanced fertiliser such as Potato Manure E will be more beneficial.

Fertilisers containing high levels of nitrogen are not recommended as they encourage excessively early crown development and consequent increased transpiration which young roots are not always able to sustain.

Country residents wishing to purchase any of the listed species should address inquiries to the Forester-in-Charge, Forests Department Nursery, Narrogin or Hamel. Trees are not supplied to residents of the Metropolitan Area.

TREES FOR AGRICULTURAL AREAS OF W.A.

Botanical and Common Name	Minimum Yearly Rainfall	Soils	Approx. Height	Description	Recommended Use
Acacia acuminata	300 mm	Loams	10 m	Small tree, rounded	Street planting, ornamental shade, fence posts
cacia baileyana (Cootamundra Wattle) Acacia cyanophylla	500 mm	Prefers well-drained sites. Sands to medium loams Sand and light loams	5 m	Winter flowering, yellow blossoms, silver foliage Small, quick growing, short lived	Ornamental Shade and ornamental. Salt toleran
(Western Wattle)	500 mm	Sand, gravel, light loam	10 m	tree. Rounded, shady dark green crown Fast growing, feathery leaves, silver	
(Silver Wattle)				sheen. Strong tendency to sucker from roots	
Acacia decurrens	500 mm 600 mm	Sand, loam and gravel	10 m	Yellow blossoms, dark green feathery foliage Larger and longer lived than most	Ornamental
(Cedar Wattle) Acacia melanoxylan (Tasmanian Blackwood)	750 mm	Light loams and loamy gravels .	20 m	Larger and longer lived than most acacias. Dense dark green bushy	Shade, ornamental, avenue plantin
Acacia microbotrya	200 mm	Prefers loamy soils	5 m	A small, fast growing tree, dense	Shade, ornamental
(Manna Gum) Acacia podalyriaefolia (Queensland Silver Wattle)	500 mm	Wide range of soils	5 m	bluish green foliage Very early winter flowering	Ornamental
Acacia pycnantha	400 mm	Wide range of soils	5 m	Hardy species, broad leaves, large golden flowers	Ornamental, suitable for coastal areas
years) Agonis flexuosa	600 mm	Adaptable to most soils. Prefers sands and light loams	10 m	Attractive shady tree, often weeping habit	Ideal for metropolitan shade, street and ornamental planting. Suitabl
Angophora costata (syn. Angophora lanceolata) (Smooth-barked Apple	750 mm	Adapted to range of soils, light	20 m	Medium sized tree. Spreading shady crown. Similar to brush box in	for coast
and Apple Myrtle) Iraucaria excelsa	600 mm	Sand to medium loam	30 m	appearance Tall, pyramidal tree. Suited to coastal areas. Resistant to sea	Ornamental and avenue planting. Useful for coastal areas
(Illawarra Flame Tree)	750 mm	Good loamy soils in sheltered position preferred	10 m	Massed red flowers in early summer, large glossy leaves	Ornamental
rachychiton diversifolium (Kurrajong) rachychiton gregorii	400 mm 200 mm	Sands and light loams	20 m 10 m	Crown bushy, leaf shape variable Dense crown, drought resistant,	Street, shade and ornamental Shade and ornamental
(W.A. Kurragong) allistemon phoeniceus	500 mm	Adaptable to most soils	3 m	slow growing Hardy attractive colourful shrub bearing numerous large deep crimson bottlebrush flowers.	Ornamental
allitris calcarata	300 mm	Sand, laterite gravels	20 m	Flowers September-January Erect symmetrical tree. Dark green	Windbreak, shade and ornamental
(Black Cypress Pine) Callitris huegelii (syn. glauca). (White Cypress Pine)	150 mm	Sands and medium loams. Salt tolerant	10 m	conical Compact, upright habit, silvery green foliage, slow growing	Windbreak, shade, ornamental a salt areas
allitris preissii (syn. robusta) (Rottnest Island Pine) asuarina decaisneana	400 mm 300 mm	Loams, sandy gravels to limestone soils	10 m	Erect symmetrical tree, bronzy green crown at extremities	Windbreak, shade and ornamental
Casuarina glauca	300 mm	Loam over sandy clays	5 m 10 m	Dense foliaged, compact crown dark green Dense crowned sheoak	Shade and shelter belt—especially
(Swamp Sheoak) asuarina huegeliana (Rock Oak)	300 mm	Found on shallow sandy soil around granite rocks. Thrives on deeper sands	10 m	Symmetrical habit, dense globular crown	for low lying salty areas Shade, on poor shallow soils
eratonia siliqua (Carob Bean)	400 mm	Good loam	10 m	Hardy. Dense spreading crown. Slow growing	Shade and ornamental. Beans usef stock feed
(Camphor Laurel) upressus arizonica	750 mm 300 mm	Loam soil	10 m 20 m	Spreading tree, dense crown of smooth shining leaves Hardy, but slow growing tree,	Street, shade and ornamental Windbreak, ornamental
(Arizona Cypress) Fucalyptus astringens	300 mm	Sandy or gravelly to loamy soils, preferably with clay subsoil.	20 m	conical grey-green crown Upright tree, bronze coloured bark, dark green leaves, umbrella crown	Shade and shelter
(Brown Mailet) ucalyptus bicostata ("Eurabbie")	500 mm	Most types well drained sands and loams	30 m	Fast growing, large pendulous strap- like leaves, glaucous colour when	Shade, shelter belt and roadside planting. Frost tolerant
ucalyptus botryoides (False Mahogany)	400 mm	Sands and loams	20 m	Broad leaves, heavy crowned. Bark rough dark grey in colour	Shelter belt, shade and roadside planting
(Dundas Mahogany) ucalyptus caesia	200 mm 300 mm	Medium loam	30 m 5 m	Fast growing, upright. Bark pinkish grey. Leaves dark green shining Bark dark greenish brown to bronze	Shade and ornamental
(Gungunnu)	300 mm	Sands and light loams	10 m	with pendulous powder white stems and fruit contrast with the pink flowers Large fruited variety. A more	Ornamental, homestead and gardens Ornamental, homestead and
(Large flowered form)				pendulous, sparser and taller variety carrying larger flowers and fruit	gardens
ucalyptus calophylla var. rosea . (Pink Flowered Marri) ucalyptus camaldulensis (River Gum)	300 mm 200 mm	Well drained sand, gravel or clay loam Adaptable to wide range of soils .	30 m	Broad leaves, dense crown, pink blossoms Fast growing, bark white or grey and smooth. Crown dense and often	Ornamental and windbreak plantings Ornamental, shade, windbreaks and shelter belts
ucalyptus campaspe (Silver Gimlet)	150 mm	Good loams only	10 m	weeping Bark smooth and bronze coloured to almost white on smaller twigs.	Shade, windbreak and ornament
ucalyptus citriodora	600 mm	Adaptable to most soils	20 m	Crown silvery blue-green Slender, erect, graceful form	Ornamental and avenue planting
(Lemon Scented Gum) ucalyptus cladocalyx (Sugar Gum)	300 mm	Adaptable to most light textured soils	20 m	Large spreading crown and clean, smooth bark. Fast growing	Shade, shelter belt and roadside planting
(Dwarf Sugar Gum) (calyptus cladocalyx var. nana	300 mm 200 mm	Light and medium loams and deep sands Sands to loam	10 m 5 m	Fast growing, smooth bark, good crown Hardy, decorative foliage tree,	Street planting, shade groups, shelter belts Ornamental, street planting
(Southern Cross Silver Mallee) ucalyptus decipiens (Limestone Marlock)	300 mm	Well drained loams and sands. Coastal areas also	10 m	"bloom" covered twigs and leaves Small umbrageous crown, light	
Eucalyptus diptera (Bastard Gimlet)	300 mm	Good loams and sands over clays .	10 m	erect stem	Shade tree, ornamental and street trees. Salt areas.
(Dundas Blackbutt)	200 mm	Good loams. Prefers soils with alkaline reaction	20 m	brown at base, limbs smooth and copper coloured, dense crown,	Street planting and shade
(Sandplain Mallee)	300 mm	Well drained loams and sandy loams	5 m	leaves shining dark green Rounded mallee crown, bluish green foliage, narrow leaves	
(Tall Sand Mallee) ucalyptus erythrocorys	200 mm 400 mm	Sand and sandy loams	5 m 10 m	Mallee—foliage to ground level. Cream flowers occasionally red or pink in showy clusters Slender tree, bark moderately	Ornament, windbreak, street planting—especially under overhead wires Ornamental
(Illyarrie) ucalyptus erythronema	200 mm	Loam to loamy clay	5 m	smooth, dull white in colour. Striking capped buds and bright yellow blossoms. Erect handsome mallee. Bark	Ornamental and street planting,
(White Mallee)	500 mm	Tolerates poor soils such as sands	10 m	smooth, light grey. Beautiful flowers varying from white to pink or red	especially under overhead wires Ornamental and light shade
(White Mallet) (Calyptus ficifolia	750 mm	and gravel Adaptable, occurs naturally on poor sand and gravel	10 m	Dense, dark green rounded crown. Bark rough. Striking blossoms—	Ornament, shade and avenue planting
ucalyptus flocktoniae	300 mm	Loams	10 m	various shades of red carried clear of the leaves	Shade, windbreak
(Merrit) (Calyptus flocktoniae (Merrit) (Calyptus forrestiana (Fuchsia Mallee)	300 mm	Loams	10 m	compact crown Attractive mallee. Capsules at flowering time bright red,	Ornamental and garden specimen.
(Blue Mallet)	300 mm	Sandy to loamy soils	10 m	green. Bark smooth and grey- brown	Shade, windbreak, ornamental. Particularly suited to southern wheatbelt
(Tasmanian Blue Gum) (calyptus gomphocephala	500 mm	Well drained sand	30 m	leaves	Shade and roadside planting Shade, shelter belt and roadside
(Tuart) ucalyptus gracilis	300 mm	Tolerates soils with high lime content Loams and clays over sands and	20 m	coloured bark and a heavy crown.	planting and coastal areas Shade and windbreak, also sub-
(Yorrel) <i>Sucalyptus kondininensis</i>	300 mm	loams Loams and clays over sands and loams .	20 m	Slender erect tree marked black	saline situations where not swampy Shade and ornamental, suits saline
(Stocking Tree) ucalyptus kruseana	200 mm	Loamy sand (occurs naturally in	5 m	그를 다 그리아 아들은 아들은 아들은 아들은 아들은 아들은 아들은 아들은 아들은 아들	conditions Ornamental
(Book Leaf Mallee) ucalyptus lehmannii (Bald Island Marlock)	400 mm	shallow soils near granite outcrops) Sands and loams	10 m	round, sessile and bluish. Flowers yellow in spike-like arrangements Bushy globular form from near ground. Umbrella crown develops	Windbreak, shade and ornamental
	200	Sandy loom to because la	10	with age. Greeny yellow flowers fused into clusters.	Ctroot planting to the
(Pink Flowered Yellow Gum) Icalyptus leptophylla	300 mm	Sandy loam to heavy loam	10 m < 5 m	사용 () - (Street planting and shade Windbreak, ornamental
(Slender Leaved White Mallee) <i>ucalyptus loxophleba</i> (York Gum)	300 mm	Prefers sandy loams to medium loams. Will often survive in shallow soils when other species	10 m	narrow light green leaves	Shade and shelter belt.
ucalyptus macrocarpa (Mottlecah)	400 mm	may fail. Fairly salt tolerant Adaptable to most soil types	4 m		Ornamental
Icalyptus maculata	600 mm	Loam and better sands	30 m	December Smooth mottled bark, attractive	Ornamental, shade and avenue
(Spotted Gum) Icalyptus melliodora (Yellow Box)	500 mm	Adaptable to most soils except poor sand. Prefers loam	30 m	Moderately dense crown	planting Ornamental, shade and shelter. Good honey-producer.
(Tallowwood) icalyptus microcorys (Tallowwood) icalyptus nutans	600 mm 400 mm	Well drained loams and fertile sands Sandy loam – heavy loam	30 m	Rather pyramidal crown	Shade, shelter belts and avenues
(Red Flowered Moort) (calyptus occidentalis (Flat-topped Yate)	400 mm 300 mm	Occurs in low-lying poorly drained clay soils with or without sandy surface. In wheatbelt planting,	3 m 20 m	flowers September-November Tall tree, umbrella crown. Bark on trunk rough and dark on limbs	Ornamental Shade tree
1		deep sand has given good results	10 m	grey and smooth Tall, mallee, umbrella crown, rough	Low shade or low shelter belt
ucalyptus oleosa var. kochii (Watheroo Mallee)	300 mm	Sands, sandy gravels and light loam	10111	grey bark, very drought resistant	