

CITY OF GREATER DANDENONG TREE SELECTION AND PLANTING

The City of Greater Dandenong's trees are important for our future: to help adapt to climate change, provide much needed shade and provide habitat for our wildlife. Council has set a vision to establish and manage a healthy, green and resilient urban forest that is well managed, protected and provides benefits to the community.

Greater Dandenong's current tree canopy is one of the lowest in Melbourne, so Council have committed to planting more trees in public spaces and maintaining high tree planting and establishment standards for both Council and developers.

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SPECIES SELECTION

Trees must be selected for their suitability to the site, their ability to adapt to future changes and impacts e.g. climate change and densification and their potential to contribute to the landscape without significant management inputs.



Consideration of species traits include:

- Evergreen or deciduous trees
- Native, indigenous or exotic tree
- Potential for conflict with infrastructure
- Flowering
- Structure and future size
- Tolerance levels to drought, extreme heat or water logging
- Contribution to biodiversity
- Maintenance costs
- Availability from nurseries

City of Greater Dandenong maintains a preferred species list for street trees based on their suitability for planting across the Municipality.

TREES SUITABLE FOR PLANTING IN GREATER DANDENONG

TREE SIZE	USES	LIST OF DECIDUOUS SPECIES	LIST OF EVERGREEN SPECIES
LARGE TREE 15m PLUS	Trees greater than 15 m in height shall be planted in planting strips >2.5 m wide and should be >1.5 m from pavement. These trees should not be planted under power lines.	<ul style="list-style-type: none"> Autumn Blaze Freeman Maple (<i>Acer x freemanii</i> 'Jeffersred' Autumn Blaze) Lacebark (<i>Brachychiton discolor</i>) Cimmaron Green Ash (<i>Fraxinus pennsylvanica</i> 'Cimmaron') Urbanite Green Ash (<i>Fraxinus pennsylvanica</i> 'Urbanite') London Plane Tree (<i>Platanus x acerifolia</i>) Turkey Oak (<i>Quercus cerris</i>) (T) Willow Oak (<i>Quercus phellos</i>) (T) Fastigiata Oak (<i>Quercus robur</i> 'Fastigiata') Green Vase Japanese Zelkova (<i>Zelkova serrata</i> 'Green Vase') 	<ul style="list-style-type: none"> Smooth-barked Apple (<i>Angophora costata</i>) Rough-barked Apple (<i>Angophora floribunda</i>) Coastal Banksia (<i>Banksia integrifolia</i> subsp. <i>integrifolia</i>) River Sheoak (<i>Casuarina cunninghamiana</i>) Spotted Gum (<i>Corymbia maculata</i>) Blakely's Red Gum (<i>Eucalyptus blakelyi</i>) (T) River Red Gum (<i>Eucalyptus camaldulensis</i>)* Yellow Gum (<i>Eucalyptus leucoxylon</i>) Yellow Box (<i>Eucalyptus melliodora</i>)* Grey Box (<i>Eucalyptus microcarpa</i>) Red Box (<i>Eucalyptus polyanthemos</i>) Narrow-leaved Peppermint (<i>Eucalyptus radiata</i>)* Red Ironbark (<i>Eucalyptus sideroxylon</i>) Algerian Oak (<i>Quercus canariensis</i>) (Semi E/G) (T) Holly Oak (<i>Quercus ilex</i>) Cork Oak (<i>Quercus suber</i>) Weeping Lilly Pilly (<i>Syzygium floribundum</i>)
MEDIUM TREE 8–15m	Trees 8-15 m in height should be planted in planting strips 1.3 to 2.5 m wide and should be >1.2 m from pavement. The majority of these trees could be planted under power lines incorporating clearance pruning.	<ul style="list-style-type: none"> Elsrijk Maple (<i>Acer campestre</i> 'Elsrijk') Queen Elizabeth Maple (<i>Acer campestre</i> 'Evelyn') Sensation Box Elder Maple (<i>Acer negundo</i> 'Sensation') Queensland Bottle Tree (<i>Brachychiton rupestris</i>) European Nettle Tree (<i>Celtis australis</i>) Aerial Green Ash (<i>Fraxinus pennsylvanica</i> 'Aerial') (T) Jacaranda (<i>Jacaranda mimosifolia</i>) White Cedar (<i>Melia azedarach</i> 'Elite') Chinese Pistachio (<i>Pistacia chinensis</i>) Aristocrat Callery Pear (<i>Pyrus calleryana</i> 'Aristocrat') Capital Callery Pear (<i>Pyrus calleryana</i> 'Capital') Chanticleer Callery Pear (<i>Pyrus calleryana</i> 'Chanticleer') Chinese Elm varieties (<i>Ulmus parvifolia</i> var.) 	<ul style="list-style-type: none"> Black She-oak (<i>Allocasuarina littoralis</i>)* Drooping She-oak (<i>Allocasuarina verticillata</i>)* Kurrajong (<i>Brachychiton populneus</i>) White cypress-pine (<i>Callitris glaucophylla</i> formerly <i>C. columellaris</i>) Yellow Bloodwood (<i>Corymbia eximia</i>) Argyle Apple (<i>Eucalyptus cinerea</i>) Yellow Gum (Large Fruited) (<i>Eucalyptus leucoxylon</i> ssp. <i>megalocarpa</i>) Lowanna Spotted Gum (<i>Corymbia maculata</i> 'ST1' Lowanna) Red-spotted Gum (<i>Eucalyptus mannifera</i>) Gippsland Manna Gum (<i>Eucalyptus viminalis</i> ssp. <i>pryoriana</i>)* Wilga, Australian Willow (<i>Geijera parviflora</i>) Queensland Brush Box (<i>Lophostemon confertus</i>) Snow-in-summer (<i>Melaleuca linariifolia</i>) European Olive varieties (<i>Olea europea</i> var.) Kanooka, Water Gum (<i>Tristaniaopsis laurina</i> var.)
SMALL TREE 5–7m	Trees 5-7 m in height should be planted in planting strips 1.0 to 1.3 m wide and should be >0.6 m from pavement. These trees could be planted under power lines.	<ul style="list-style-type: none"> Trident Maple (<i>Acer buergerianum</i>) Montpelier Maple (<i>Acer monspessulanum</i>) (T) Crimson Sentry Norway Maple (<i>Acer platanoides</i> 'Crimson Sentry') (T) Globe Norway Maple (<i>Acer platanoides</i> 'Globosum') 'Jerilderie Red' Brachychiton (<i>Brachychiton populneus</i> x <i>acerifolius</i> 'Jerilderie Red') Fantasy Crepe Myrtle (<i>Lagerstroemia fauriei</i> 'Fantasy') (T) Sioux Crepe Myrtle (<i>Lagerstroemia indica</i> x <i>L. fauriei</i> 'Sioux') Tuscarora Crepe Myrtle (<i>Lagerstroemia indica</i> x <i>L. fauriei</i> 'Tuscarora') Bechtel's Crabapple (<i>Malus ioensis</i> 'Plena') Use only high-graft stock Purple-leaf Cherry Plum (<i>Prunus cerasifera</i> 'Nigra') Upright Purple-leaf Cherry Plum (<i>Prunus cerasifera</i> 'Oakville Crimson Spire') Southworth Dancer Pear (<i>Pyrus betulaefolia</i> 'Southworth' Dancer) 	<ul style="list-style-type: none"> Lightwood (<i>Acacia implexa</i>)* Silver Banksia (<i>Banksia marginata</i>)* Harkness Bottlebrush (<i>Callistemon</i> 'Harkness') Kings Park Special Bottlebrush (<i>Callistemon</i> 'Kings Park Special') Weeping Bottlebrush (<i>Callistemon viminalis</i>) Scentuous Lemon-scented Gum (<i>Corymbia citriodora</i> 'Scentuous') Red-flowering Gum cultivars (<i>Corymbia ficifolia</i> 'Wild Sunset' and 'Wildfire') Euky Dwarf Yellow Gum (<i>Eucalyptus leucoxylon</i> 'Euky Dwarf') Round-leaf Moort (<i>Eucalyptus platypus</i>) Green Mallee (<i>Eucalyptus viridis</i>) (T) Tucker Time Honey Pots (<i>Eucalyptus wimmerensis</i> 'Honey Pots') (T) Lemon-scented Tea-tree (<i>Leptospermum petersonii</i>) Black Tea-tree (<i>Melaleuca bracteata</i>) (T)

There are also a range of species that are deemed unsuitable for planting in Greater Dandenong for a range of reasons including inability to perform under powerlines, conflict with other infrastructure or maintaining a weedy nature. These species include:

- Prickly-leaved Paperbark (*Melaleuca styphelioides*) – not suited for pruning under electric lines
- Norfolk Island Hibiscus (*Lagunaria patersonia*) – not suited for pruning under electric lines and fibres within seed pods can cause irritation.
- Sweet Pittosporum (*Pittosporum undulatum*) – Considered an environmental woody weed species in some areas. Not growing well in some streets.

TREE PLANTING

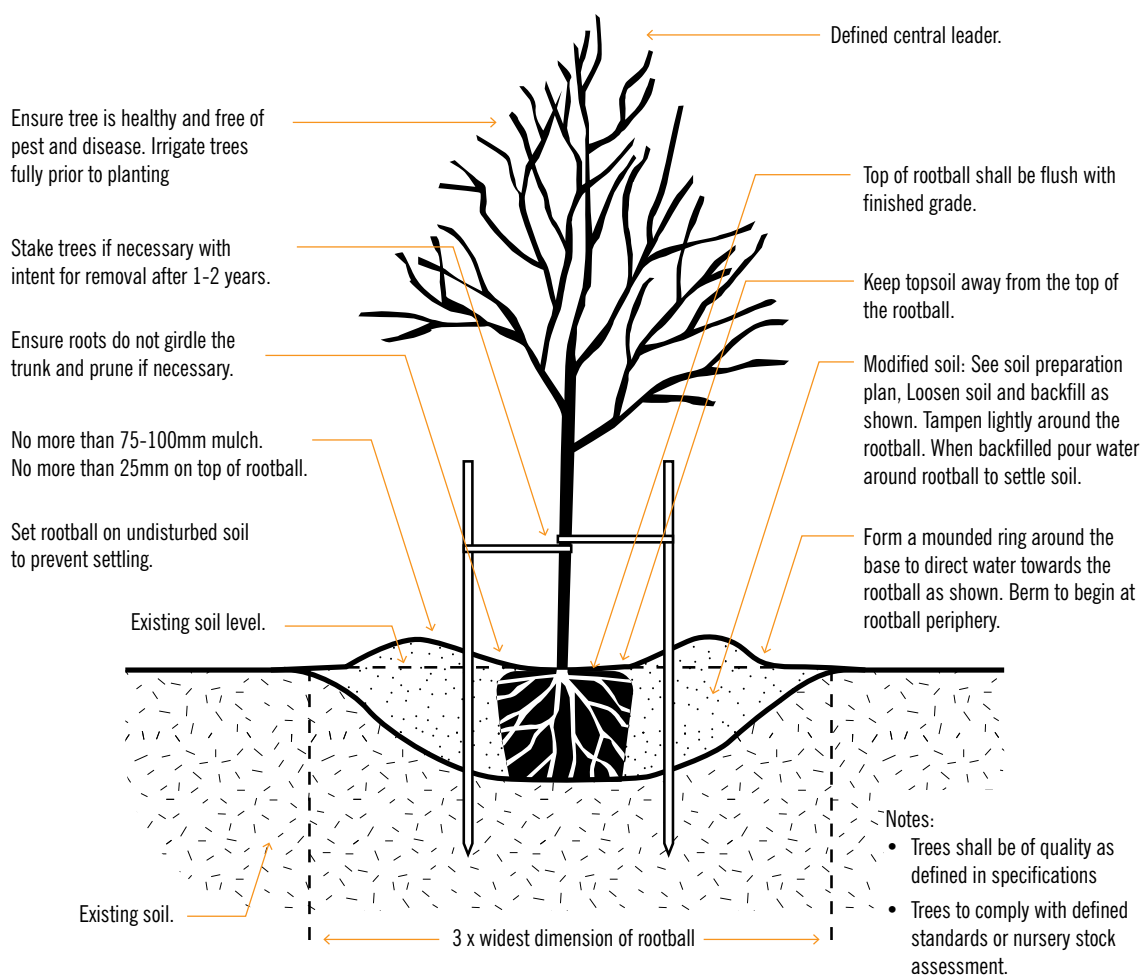
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There are multiple factors to consider and ensure when planting each tree:

- Adequate space – both future soil and canopy volume
- Soil conditions – aerate compaction, trenching
- Consideration for existing infrastructure – will tree compromise
- Selecting quality stock as per Australian Standard 2303:2018 Tree Stock for Landscape Use
- Planting technique – appropriate hole dug, position of tree, backfill soil, staking and mulching



- Tree Establishment: ensure appropriate watering schedule for the first two years and then during periods of low rainfall during the first five years, monitoring of pest and diseases, replacement of trees that die within establishment period, maintenance of tree stakes, formative pruning, weed control, and provision of mulch

For further information visit greaterdandenong.com/trees

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