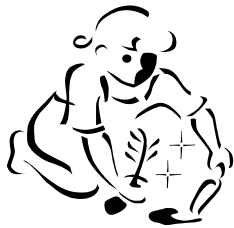




# T R E E P R E S E R V A T I O N

Maitland City Council currently has tree preservation controls which aim to protect established trees within the Maitland Local Government Area. Details are available from Council's Planning and Environment Department



## TREE PLANTING BY COUNCIL

Maitland City Council is endeavoring to improve our communities environment through an ongoing tree planting program.

Council actively pursues a program of enhancing streetscapes, public reserves and sports fields through the planting of trees.



AMENDED IN JANUARY 2005



ADMINISTRATION BUILDING  
285-287 HIGH STREET, MAITLAND  
P.O. BOX 220, MAITLAND

PHONE: (02) 49349700  
FAX: (02) 49348469



## Selection Guide



MAITLAND CITY  
COUNCIL





## WHY PLANT TREES

Trees can make an area more attractive, they give us shade and cool our houses, and they provide protection from wind and soil erosion. They can provide a buffer from noise and dust, and a separation from areas such as roads and give public spaces local character.

Trees create valuable habitats for bird life both for nesting and for food. They also cleanse the atmosphere by filtering dust particles from the air and replenishing its supply of oxygen.



### BRIEF TREE PLANTERS' GUIDE

When planting trees, choose the right tree for the desired location..

Quite often a look at someone else's successful plantings, may give you an idea of what would grow well in your area.

Remember it is important to make sure that the space you have, will accommodate the mature size of the tree.

Your tree can affect others , so please be courteous and make sure that your chosen tree will not interfere with any plans your neighbor may have.

## BUYING THE PLANTS

When buying plants please make sure they are healthy, vigorous, true to type, well established, hardened off, of good form, and free from pests, weeds and disease. All tree species should have a single leading shoot and buy only sturdy looking plants that have been well watered. Collect plants just before you need to use them.

### FACTORS TO CONSIDER BEFORE PLANTING

- ◆ Suitability of tree species for a particular location.
- ◆ Amount of room for root and canopy growth.
- ◆ Sufficient soil around site to permit water filtration and air exchange.
- ◆ Future maintenance requirements, pruning, insects.
- ◆ Utility Location - Do a service check to ensure locations of underground services such as:
  - ⇒ Telephone – Telstra
  - ⇒ Electricity – Energy Australia
  - ⇒ Gas
  - ⇒ Water – Hunter Water Corporation.
  - ⇒ Overhead Wires – Look Up

**SERVICE CHECKS CAN BE ACHIEVED BY PHONING—DIAL BEFORE YOU DIG ON PH: 1 100 OR THE WEBSITE WWW.DIALBEFOREYOUTDIG.COM.AU**

## REMEMBER

When planning any tree plantings:

- \* Always find out the mature height of the tree before you plant it.
- \* Check location of underground services.
- \* Try to visualize what the tree will look like when it is fully grown.
- \* When the tree is fully grown, where will its shadow fall.
- \* Will a fully grown tree interfere with power lines.
- \* Remember only two to three large trees can be comfortably placed in the average garden. Removing mature trees is messy business.
- \* Will it be an appropriate scale to the surrounding urban space.
- \* Evergreen/Deciduous—Consider potential problems, light requirements and leaf litter in gutters etc.
- \* Flowers/Fruit/Berries- Flowers dropping can cause hazardous situations on slippery footpaths, pavements and driveways. Fruit and berries can foul shop awnings, signage and cars.
- \* Roots – choose trees which do not have vigorous root systems likely to uplift footpaths, driveways and cause damage to property.
- \* Sight Lines – Ensure trees are sufficiently set back from driveways, access gates, street corners and roundabouts.
- \* Minimal Maintenance



## SITE PREPARATION

Make sure the site you have chosen is not near a sewer main, underground telephone lines, or overhead wires. Carefully select your tree species. Dial before you Dig.

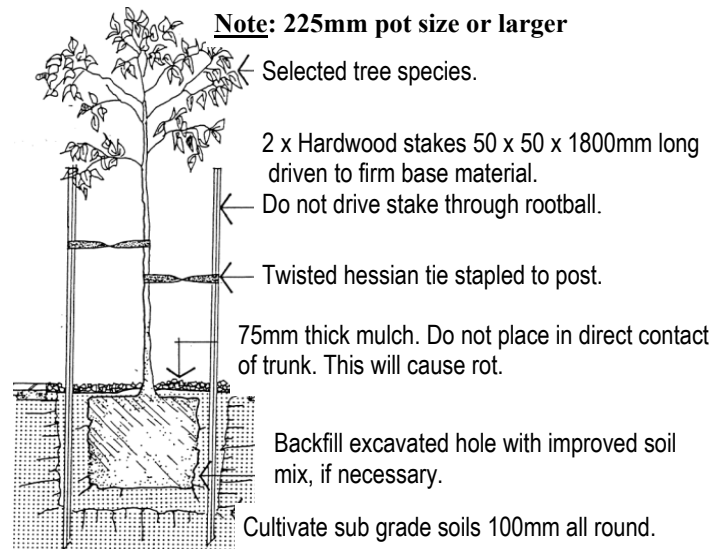
## PLANTING THE TREE

Always remove the container first, but leave the soil around the root ball intact. Place the root system on a small amount of fill in the bottom of the planting hole. Make sure that the root collar of the young plant is at ground level when the hole is filled. Water thoroughly.

## AFTERCARE

- 1 Water thoroughly at regular intervals,
- 2 A mulch can be applied to the site to reduce weed growth and maintain moisture.
- 3 Stake if required.  
Secure ties loosely with flexible material preferably Hessian tape (min 25mm) wound in figure 8 fashion. Do not drive through root ball
- \* **Residential Areas** – 1 hardwood stake 50x50x1800mm to be installed on the upwind side of the plant.
- \* **Commercial Areas** – 2 hardwood stakes 50x50x2400 to be installed either side of plant, in the upwind direction.
- 4 Fertilising – directly after planting, apply a slow release fertiliser in accordance with the manufacturer's instructions
- 5 Watering dish – create a small depression around the base of all single tree plantings to act as a water reservoir.

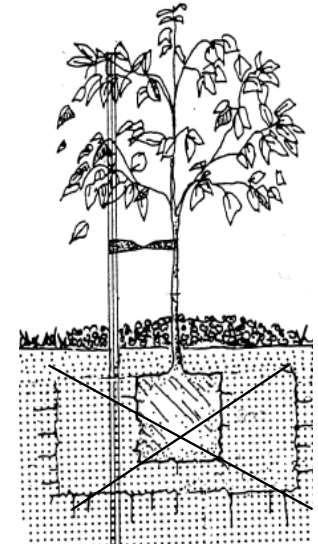
## CORRECT PLANTING OF A STREET TREE



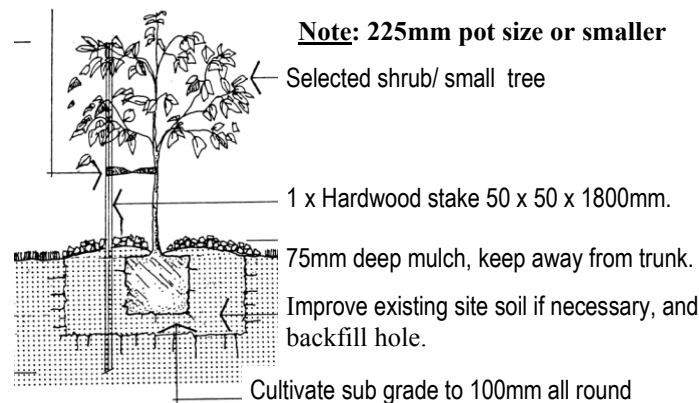
## INCORRECT PLANTING OF A STREET TREE

### TOO DEEP

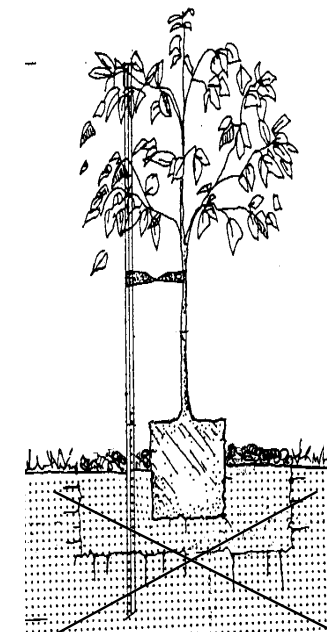
The root ball has been placed well below ground level and will result in rotting of the trunk.



## CORRECT PLANTING OF A SHRUB



**Note:** Provide slow release fertilizer to each planting hole. Thoroughly water planting hole before and after planting, to ensure good root to soil contact.



### TOO SHALLOW

The root ball has been left exposed, allowing the root system to dry out and die through lack of water.



## FOOTPATH TREES PLANTING CONDITIONS

- ♣ Trees may be planted on footpaths provided permission is obtained from Council. Applications must be in writing and state details of the number of trees, species and proposed location of the trees to be planted.
- ♣ Unless otherwise specified, trees are to be planted on the footpath 1.2 metres (4 feet) from the kerb line.
- ♣ Trees will not normally be permitted in the following situations:
  - on footpaths less than 3.6m (12 feet) wide;
  - within 15mtrs (50 feet) of the alignment of an intersection unless it can be shown that the sight distance of drivers approaching an intersection will not be unduly restricted; and
  - within 5mtrs of the traffics approach side of a driveway
- ♣ Stakes, if used, must extend at least 1mtr (3 feet) above the ground level in order to minimise the risk of tripping pedestrians..
- ♣ Council reserves the right to prune or remove any tree within the road reserve.
- ♣ The following Species are not permitted on footpaths:

### Common Name   Botanical Name

Camphor Laurel	<i>Cinnamomum officinalis</i>
Silky Oak	<i>Grevillia robusta</i>
Pine (All Species)	<i>Pinus Spp</i>
Figs (All Species)	<i>Ficus Spp</i>
Pepper Tree	<i>Schinus molle</i>
Poplar (All Species)	<i>Populus Spp</i>
Norfolk Island Pine	<i>Araucaria Spp</i>
Liquidamber	<i>Liquidamber styraciflua</i>

## PREFERRED STREET TREE SPECIES

Evergreen (E) / Deciduous (D)

- ♣ Brushbox- (*Lophostemon confertus*)(E) Very large tree 15m, great for shade tolerates most conditions. Can be kept neatly trimmed if necessary, do not plant under power lines.
- ♣ Blueberry Ash- (*Eleocarpus reticulatus*)(E) Fine ornamental tree to 10m high. With bell like flowers in Dec-Jan.
- ♣ Water Gum- (*Tristaniopsis laurina*)(E) Large tree 10mtrs high, Very ornamental tree with dark green foliage and yellow flowers. Ideal street tree.
- ♣ Qld Pittosporum- (*Pittosporum rhombifolium*)(E) Medium tree 10-15m, White flowers & sticky yellow berries in Sept.
- ♣ Native Frangipani- (*Hymenosporum flavum*)(E) Small tree 10x 5m high, an attractive tree that produces sweet scented, creamy white flowers in Oct.
- ♣ Poppel Nut- (*Macadamia integrifolia*)(E) 15mtrs high, creamy white flowers in spring, greenish globular nuts.
- ♣ Jacaranda- (*Jacaranda mimosifolia*) (D) Large Tree 10x5m, Stunning ornamental mauve flowers & shapely shade tree
- ♣ Weeping Lilly Pilly- (*Waterhousia floribunda*) (E) Tree 10x 5m pendulous shiny foilage. White fluffy flowers.
- ♣ Tuckeroo- (*Cupaniopsis anacardioides*)(E) Tree 10x 5m Fragrant spreading tree, decorative & hardy
- ♣ Chinese Tallow Wood- (*Sapium sebiferum*)(D) Small tree 8m high, excellent heart shaped autumn foliage.
- ♣ Lemon Scented Myrtle- (*Backhousia Citriodora*)(E) Small Shapely Tree 8x 8m, Strongly lemon scented leaves, flowers in Summer-Autumn
- ♣ Claret Ash- (*Fraxinus oxycarpa 'Raywoodii'*)(D) Medium Tree 10x 4m. Hardy & creates a beautiful shade tree.
- ♣ Willow Bottlebrush- (*Callistemon salignus*)(E) Small Tree 8-12x4-6m, flowers white with pink tips Sept/Oct . Well suited to planting under power lines due to it's size at maturity, and ease of pruning.

- ♣ Weeping Bottlebrush- (*Callistemon viminalis 'Wild Fire'*) (E) Shrub 2.5-3x 1.5m
- ♣ Weeping Bottlebrush- (*Callistemon viminalis 'Hannah Ray'*) (E), 5x 3m, Large Shrub, weeping grey woolley foilage.
- ♣ Weeping Bottlebrush- (*Callistemon viminalis 'Kings Park Special'*) (E) Large upright Shrub 5-6x 3-4m, Grey- green foilage, forming an excellent street tree.
- ♣ Red Bottlebrush – (*Callistemon citrinus*)(E) Small tree 6m. Flowers profusely in dense spikes 12cm long, bright red Sept-Oct. Short Stiff leaves.
- ♣ Crepe Myrtle- (*Lagerstoemia indica*) (D) Small slim Tree to 7m. Stunning dense rosy mauve flowers in Summer.
- ♣ Golden Rain Tree – (*Koelreuteria paniculata*)(D) Small Ornamental Tree 7x 4m. Small yellow flowers in long panicles in Summer/Autumn.
- ♣ Evergreen Ash – (*Fraxinus grithii*)(E) Attractive Small Tree 6x4m, densely crowned with light green leaves, and winged samaras/seedpods.
- ♣ Cheese Tree- (*Glochidion ferdinandi*)(E) Small Tree 4-8x 4m. Beautiful Specimen Tree.
- ♣ Japanese Maple- (*Acer Palmatum*) (D) Small Tree 4-5m high. Short trunk broad domed ornate crown.
- ♣ Small Leafed Lilly Pilly- (*Syzygium leuhmannii*) (E) Small tree 6x 4m, weeping foilage, pink new growth twice a year. Many scarlet pink fruits.
- ♣ Brush Cherry- (*Syzygium australe*) (E) Small Tree 3- 8m high, white flowers in Jan, pink –red berries and shiny dark green leaves. Responds to pruning.

### NOTE:

**ONLY SMALL TREES AND SHRUBS ARE TO BE PLANTED DIRECTLY UNDER POWER LINES.**

