Citrus trees have glossy green foliage year round, sweetly scented white flowers and beautiful colourful edible fruit. Lemons, Limes, Oranges, Mandarins, Grapefruits and Cumquats are the most popular forms of citrus.

There are a number of varieties of citrus which are available to purchase that have been grafted onto dwarfing rootstocks, this makes them more suited to container growing or smaller gardens.

Citrus are also available as multi grafts ie. two varieties of citrus grafted onto the one rootstock – this also enables multiple citrus trees to be grown in the one pot or smaller gardens.

USES: Citrus are mainly ornamental and practical plants. Commonly used as both a feature and for their produce.

PLANTING TIPS: Prefer an open sunny position with excellent drainage. Happily grown in pots and containers.

SOIL TYPE: Open free draining soils are best, clay soils are also ok, but ensure you raise the garden bed up to improve drainage, add gypsum and plenty of organic matter to the soil to improve drainage. Soil pH levels should be neutral to acidic. Citrus are shallow rooted trees and therefore require regular watering and will benefit from a thick layer of organic mulch – avoid too much mulch around the trunk to avoid collar rot.

ASPECT: Citrus prefer to grow in a full sun position, however can grow well in sheltered part shade, but often produce more foliage and less flowers and therefore less fruit. Protect your citrus from frost and hot dry winds, especially while young. Citrus are not deep rooted and therefore do require regular deep watering in the warmer months and whilst fruiting.

PRUNING: Citrus can be pruned quite heavily if required. Best way is to pick the fruit by taking a small amount of stem with the fruit, however if you need to improve shape or remove damaged/pest affected foliage, the plant will recover quite well and re-shoot on older branches. Citrus can also be pruned and shaped into espaliers and standards very successfully.

WATER: It is always advisable to water citrus well when they are setting fruit and throughout the fruit growing and ripening stages. If plants dry out it often results in fruit drop and the citrus is less juicy and thick skinned.

FEEDING: Citrus love food. A variety of different fertilisers can be used including organic manures (cow, horse or chicken) or the popular inorganic fertilisers. Citrus should be fed 3-4 times per year and if growing in pots/containers it is often recommended to feed your citrus every 6-8 weeks. We suggest Richgro's Fruit & Citrus Premium PLUS.

PESTS & PROBLEMS:
- Citrus Leaf Miner, Scale and Sooty Mould - Treat with a Pest Oil / White Oil. We suggest Yates Pest Oil and Yates White Oil
- Ants - Usually occur as a result of Sooty Mould. See above for treatment and once it is cleared, the Ants should disappear also.
- Aphids - Application of Pyrethrum or Confidor will eradicate them or can simply be squashed with your fingers. We suggest Richgro's Natural Pyrethrum Insecticide and Yates Confidor
- Citrus Gall Wasp (lumps, bumps and swellings) - Prune off any damaged or disfigured foliage, preferably before August when the new wasp will emerge and be ready to lay eggs and start the cycle again. We suggest Go Natural Insect Traps.

Please read and follow all instructions before using any form of natural or chemical pesticides.

MINERAL DEFICIENCIES:
- Yellowing leaves - especially of new growth and with the veins standing out in green is a sure indication of Iron Deficiency. An application of Iron Chelates sprayed over the foliage and/or watered into the root zone will correct the imbalance. The use of a complete Fruit & Citrus Food should solve any other possible deficiencies.

**Eureka Lemon - Citrus limon ‘Eureka’**

The most commonly planted lemon. A large variety with a true ‘bitter’ taste, high in juice and acid. Fruits most of the year, has medium-skinned fruit with few seeds. Fruit is medium to large in size and grows well in most parts of Australia. Has fewer thorns than other varieties. The flavour of 'Eureka' and 'Lisbon' is very similar. Dwarf varieties available also.

**Height:** 4-6m  **Width:** 4-6m  **Season:** spring and summer.

**Form:** Medium Shrub  **Foliage:** Glossy, green foliage.  **Flowers:** White, sweetly perfumed.

**Lisbon Lemon - Citrus limon ‘Lisbon’**

A good quality ‘bitter’ lemon, comparatively higher in juice and acidity levels. These trees are vigorous growers and extremely productive. Branches are particularly thorny, especially when young. The flavour of 'Eureka' and 'Lisbon' is very similar. Dwarf varieties available also.

**Height:** 6-8m  **Width:** 6-8m  **Season:** Winter to spring.

**Form:** Medium/Large Shrub  **Foliage:** Glossy, green foliage.  **Flowers:** White, sweetly perfumed.
Meyer Lemon - *Citrus limon* x *sinensis* ‘Meyer’

Lemon ‘Meyer’ is a hybrid, more cold tolerant than other lemon varieties. A smaller, bushier tree producing many crops of medium sized lemons throughout the year. The fruit is round orange/yellow in colour with a thin rind, has high juice content and a mild, low acidic flavour. Popular choice as it is visually appealing with lush glossy leaves and is the most aromatic of lemon trees. Ideal for containers and pots. Dwarf varieties available.

**Height:** 4-6m  **Width:** 4-6m  **Season:** Mainly autumn and winter.

**Form:** Medium Shrub  **Foliage:** Glossy, green foliage.  **Flowers:** White, sweetly perfumed.

Lemonade Tree - *Citrus limon* x *reticulate* ‘Lemonade’

The Lemonade Tree originated in Australia. It is a sweet juicy fruit, tasting like lemonade - without the bubbles. It is a heavily producing citrus tree, crossed between a lemon and a mandarin. It can be eaten straight from the tree. The fruit is a lot sweeter than a traditional lemon, with a refreshing taste. The sweetness of the fruit increases the longer the fruit remains on the tree. Often has thorns.

**Height:** 3-4m  **Width:** 3-4m  **Season:** Year round.

**Form:** Small/Medium Shrub  **Foliage:** Glossy, green foliage.  **Flowers:** White, sweetly perfumed.

Tahitian Lime - *Citrus latifolia*

The Tahitian is the most popular lime tree and produces very juicy fruit year round. The seedless fruit is small, round and green with a lovely mild taste with a low acid content. Easy to grow and has a dense branching habit, making them ideal for small gardens or pots/containers. Fruit ripens in autumn. Dwarf varieties available also.

**Height:** 3-4m  **Width:** 3-4m  **Season:** Autumn to winter.

**Form:** Small/Medium Shrub  **Foliage:** Glossy, green foliage.  **Flowers:** White, sweetly perfumed.

Kaffir Lime - *Citrus hystrix*

Kaffir Limes are grown mainly for its aromatic double-lobed leaves used predominantly in Thai, and other Asian cooking. The small fruit is knobbly, has little juice and not edible – but its oil has strong insecticidal properties. To increase foliage growth, remove fruit from tree. Great in pots / containers.

**Height:** 2-4m  **Width:** 2-4m  **Season:** n/a

**Form:** Small/Medium Shrub  **Foliage:** Glossy, green double-lobe foliage.  **Flowers:** White, sweetly perfumed.

West Indian Lime / Key Lime - *Citrus aurantifolia*

The West Indian Lime is similar to the Tahitian but is smaller with a stronger, more acidic flavoured fruit. A smaller growing tree than the Tahitian that needs protection from frosts in the early years. Stems have thorns. Lime 'West Indian' is a cold tolerant lime.

**Height:** 3-4m  **Width:** 3-4m  **Season:** Summer and autumn.

**Form:** Small/Medium Shrub  **Foliage:** Glossy, green foliage.  **Flowers:** White, sweetly perfumed.

Rangpur Lime - *Citrus x limonia* ‘Rangpur’

Rangpur is often mistaken for a mandarin as the orange-skinned fruit looks similar. The fruit is very acidic and really only suitable for use in drinks. The fruit is easily peeled and broken into segments like a mandarin, but has a strong lime flavour. A vigorous attractive tree that is more cold tolerant than true limes.

**Height:** 3-4m  **Width:** 3-4m  **Season:** Summer to autumn.

**Form:** Medium Shrub  **Foliage:** Glossy, green foliage.  **Flowers:** White, sweetly perfumed.

Blood Orange - *Citrus sinensis*

Blood Oranges require a hot dry climate to produce the best coloured and tasting fruit. Fruit matures mid-season, have deep red flesh, and are very juicy and sweet flavoured. Dwarf varieties available also.

**Height:** 3-6m  **Width:** 3-6m  **Season:** July to September.

**Form:** Medium/Large Shrub  **Foliage:** Glossy, green foliage.  **Flowers:** White, sweetly perfumed.
**Lane’s Late Navel Orange – Citrus sinensis ‘Lane’s Late Navel’**
Lane’s Late Navel is very similar to the ‘Washington Navel’, however the fruit ripens a few months later in late winter to early spring. It produces large fruit with juicy, sweet, seedless flesh. Easy to peel and segment. Dwarf varieties available also.
- **Height:** 6-8m  **Width:** 6-8m  **Season:** July to October
- **Form:** Medium/Large Shrub  **Foliage:** Glossy, green foliage.  **Flowers:** White, sweetly perfumed.

**Leng Navel Orange – Citrus sinensis ‘Leng Navel’**
The Leng Navel is an early maturing navel orange which is very juicy. The fruit is slightly smaller in size to other oranges and has a finer rind texture and thinner skin. Excellent eating orange, also used for juicing.
- **Height:** 3-4m  **Width:** 3-4m  **Season:** Year round.
- **Form:** Small/Medium Shrub  **Foliage:** Glossy, green foliage.  **Flowers:** White, sweetly perfumed.

**Valencia Orange – Citrus sinensis ‘Valencia’**
Valencia has a medium, thin-skinned fruit with few or no seeds. A popular, fast growing and hardy tree. Fruit is sweet, juicy and heavy croppers. Great for juicing and eating. Skin is often orange with a tinge of green to it when ripe. Valencia oranges are generally available year round as the trees crop regularly and unlike other oranges the fruit can be held on the tree, making it sweeter than most. Seedless and Dwarf varieties available.
- **Height:** 3-4m  **Width:** 3-4m  **Season:** Winter to summer.
- **Form:** Medium/Large Shrub  **Foliage:** Glossy, green foliage.  **Flowers:** White, sweetly perfumed.

**Washington Navel Orange – Citrus sinensis ‘Washington Navel’**
The Washington Navel is the oldest and most popular orange tree. Medium to large round, seedless fruit from early winter. The fruit is very juicy, sweet and excellent in flavour. More suited to cool climates. Dwarf varieties available also.
- **Height:** 6-8m  **Width:** 6-8m  **Season:** May to September.
- **Form:** Medium/Large Shrub  **Foliage:** Glossy, green double-lobe foliage.  **Flowers:** White, sweetly perfumed.

**Afourer Mandarin – Citrus reticulate ‘Afourer’**
The Afourer is almost seedless, with a sweet and refreshing in flavoured fruit. Easy to peel, vibrant orange skin.
- **Height:** 3-5m  **Width:** 3-5m  **Season:** June to September.
- **Form:** Medium/Large Shrub  **Foliage:** Glossy, green foliage.  **Flowers:** White, sweetly perfumed.

**Emperor Mandarin – Citrus reticulate ‘Emperor’**
The Emperor is a popular mandarin producing medium to large, deep orange juicy fruit with good flavour. Easiest to peel in the Mandarin family with its puffy skin that separates from the flesh.
- **Height:** 3-4m  **Width:** 3-4m  **Season:** May to June.
- **Form:** Medium Shrub  **Foliage:** Glossy, green foliage.  **Flowers:** White, sweetly perfumed.

**Imperial Mandarin – Citrus reticulata ‘Imperial’**
The Imperial is the most popular grown Mandarin. The vibrant orange fruit is small to medium in size and sweet with few seeds. It is easy to peel, making it popular with children. Dwarf varieties available also.
- **Height:** 3-4m  **Width:** 3-4m  **Season:** March to August.
- **Form:** Medium Shrub  **Foliage:** Glossy, green foliage.  **Flowers:** White, sweetly perfumed.
Honey Murcott Mandarin - *Citrus reticulate* ‘Honey Murcott’
The Honey Murcott is the sweetest mandarin but has more seeds than the Imperial. The fruit is large and flat with thin skin and an excellent flavour - high juice and sugar content. Dwarf varieties available also.
**Height:** 3.4m  **Width:** 3-4m  **Season:** August to October in warm regions (longer in cooler regions)
**Form:** Medium Shrub  **Foliage:** Glossy, green foliage.  **Flowers:** White, sweetly perfumed.

Silverhill Mandarin or Satsuma Mandarin - *Citrus reticulate* ‘Silverhill’ (Satsuma)
A seedless bright orange fleshe fruit which is easy to peel and separate. The fruit is medium sized, flat in shape and very sweet and juicy. Very cold hardy and easy to grow in a well drained, sunny position. Suitable for gardens or pots/containers.
**Height:** 2-3m  **Width:** 2-3m  **Season:** Early June.
**Form:** Small Shrub  **Foliage:** Glossy, green foliage.  **Flowers:** White, sweetly perfumed.

Wheeny Grapefruit – *Citrus x paradise* ‘Wheeny’
A popular, heavy cropping grapefruit with large round fruit. Flesh is light coloured and has a distinctive lemon flavour with many seeds. A vigorous grower with large juicy, thick-skinned, sour fruit. Will tolerate coastal conditions and cooler temperatures more than other grapefruits.
**Height:** 6-8m  **Width:** 6-8m  **Season:** June to July
**Form:** Medium/Large Shrub  **Foliage:** Glossy, green foliage.  **Flowers:** White, sweetly perfumed.

Calamondin Cumquat – *Citrus mitis* ‘Calamondin’
Most popular grown cumquat. Produces small round fruit with bright orange skin. Flesh is acidic and sour, perfect for marmalade, preserves or liqueurs. Foliage is bushy and dense, ideal for pots/containers. The shrub has few thorns and is cold hardy. Often budded into topiary / standards. A variegated foliage form is available.
**Height:** 3-4m  **Width:** 3-4m  **Season:** April to August.
**Form:** Small/Medium Shrub  **Foliage:** Glossy, green double-lobe foliage.  **Flowers:** White, sweetly perfumed.

Marumi Cumquat – *Fortunella japonica* ‘Marumi’
A compact, evergreen shrub with small round golden orange fruit with tight skin and sour taste. Very similar to Cumquat ‘Nagami’. It is a small growing tree with bushy dense foliage. Fruit is perfect for marmalade, preserves or liqueurs. Great citrus for growing in pots and containers.
**Height:** 1-2m  **Width:** 1-2m  **Season:** April to August.
**Form:** Small Shrub  **Foliage:** Glossy, green foliage.  **Flowers:** White, sweetly perfumed.

Nagami Cumquat – *Fortunella margarita* ‘Nagami’
A compact shrub that produces an oval shaped golden yellow fruit which can be eaten fresh and whole (with skin) – the skin has a sweeter flavour and helps counteract the sour flesh. This citrus ripens mid to late winter and crops heavily, creating a stunning display. Fruit is perfect for marmalade, preserves or liqueurs. Great citrus for growing in pots and containers.
**Height:** 1-2m  **Width:** 1m  **Season:** April to August.
**Form:** Small Shrub  **Foliage:** Glossy, green foliage.  **Flowers:** White, sweetly perfumed.