TREEGROW

Happy, healthy trees!

Description

What is TreeGrow?

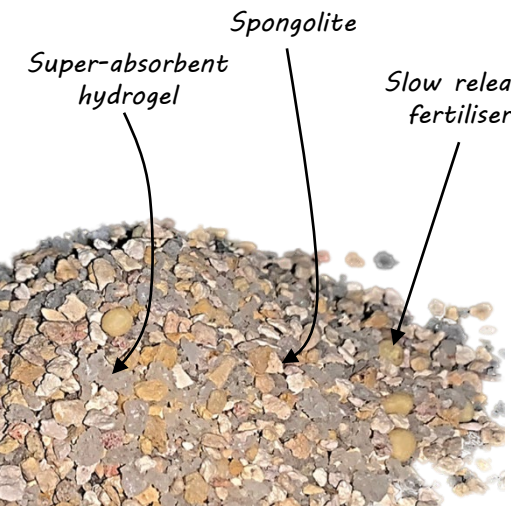
TreeGrow is an environmentally friendly soil conditioner for the better establishment, survival, and nutrition of trees. It consists of biodegradable super-absorbent hydrogels, spongolite, and a slow-release fertiliser.

TreeGrow helps save water!

TreeGrow increases the water retention of your soil by soaking up water and storing it in the root zone of your tree. This means more water is captured during heavy rainfalls which keeps the soil moist for longer. It also means you can water your tree less frequently without it experiencing drought – saving you both time and money!

A healthy tree is a happy tree!

TreeGrow improves tree health by delivering the right nutrition at the right time. Soil nutrients and those released from the fertiliser are retained in the root zone by the cationic and anionic exchange capacity of the hydrogels and the spongolite. In addition, plant-beneficial microorganisms colonise the hydrogels and interact with tree roots. All of this helps your tree grow!



Nutrients and trace elements

Element	Concentration
N	1.80%
P	0.13%
K	1.57%
Mg	0.05%
S	0.06%
Fe	0.01%

Application Rate

Rate for common tree sizes

Pot Volume	TreeGrow Application Rate
Tubestock	10 g
1 L	15 g
2 L	30 g
5 L	75 g
10 L	150 g
25 L	375 g
50 L	750 g
100 L	1.5 kg
200 L	3.0 kg

Unsure about the application rate for your tree?

Use our free calculator on **www.treegrow.com.au**

We have included a 50 g scoop to help you apply the right amount of TreeGrow.

treegrow.com.au

Tree Planting Guide

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1. Identify a suitable place to plant your tree away from compacted or sealed areas, pipes, and places that could become too hot during summer (i.e. long periods of full sunlight next to a heat-reflecting wall or fence). Determine the appropriate amount of TreeGrow for your tree (refer table overleaf).

2. Start digging the hole for your tree. It needs to be roughly twice as wide as the container it came in and a little deeper.

3. While removing the soil from the hole, start mixing it with the appropriate amount of TreeGrow. Sprinkle TreeGrow intermittently onto the growing pile of excavated soil until the hole is large enough and you have added the correct amount of TreeGrow. Thoroughly mix the pile of soil and TreeGrow by inversion.

4. Water your tree in its container and remove it by gently squeezing the sides of the pot. Carefully slide the tree out. Do not pull on the tree stem! Carefully loosen the roots on the outside of the root ball enabling them to grow outwards.

5. Fill some of the soil with added TreeGrow back into the bottom of the prepared hole. Gently place the tree into the hole ensuring that the surface of the root ball is level with the surrounding soil surface. Carefully fill in the TreeGrow-soil mixture around your tree, making sure the tree is upright.

6. Lightly compact the soil around the tree creating an indentation that will help capture water and direct it towards the roots.

7. Water your tree thoroughly. If the soil is non-wetting, wait for the water to infiltrate and then water again. Repeat this several times and / or use a wetting agent.

8. You can place mulch or woodchip (less than 10 cm in height) around your tree to help retain soil moisture and suppress weeds but keep the tree trunk clear. Protect your tree from rodents by fencing. Only stake your tree if necessary.

What happens to TreeGrow in the soil?

The hydrogels start swelling and absorb up to 300 times their own weight in water acting as a water supply. The spongolite will bind anions such as nitrate and phosphate which are retained in the root zone and plant-available, while the fertiliser will slowly start releasing essential nutrients.

TreeGrow aggregates create hotspots of microbial activity that interact with tree roots benefiting overall plant health and nutrition.

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