



TERRACOTTEM®
Leading soil conditioning technology



Product Code: TCU10 (10kg tub)
TCU20 (20kg bag)

universal

SOIL CONDITIONER

TerraCottem® Universal is a physical soil conditioner designed to increase the water and nutrient holding capacity of soils and growing media, increase plants' root development, growth and survival rate and reduce the need for watering by up to 50%.

The product is a dry, free flowing, powdery-to-granular mixture of cross-linked hydro-absorbent polymers, growth precursors and volcanic rock enriched with soluble, slow release and synthetic nitrogen fertilisers.

It has an absorption capacity of a minimum of 4500g H₂O/100g in distilled water using Method of Analysis CEN EN 13041 and more than 95% of the water contained in the polymers is plant available.

TerraCottem® is typically applied just once prior to planting or seeding. The soil conditioning technology has to be mixed homogeneously into the root zone or growing medium.

Benefits

- healthier plants & increased yields
- increased survival rate
- increased water retention capacity
- water saving of up to 50%
- stronger & deeper root development
- faster & better plant establishment
- higher resistance to drought stress and diseases
- better utilisation of fertilisers
- enables plant growth in degraded, saline or otherwise marginal soils

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NSW U5/4 Wrightland Place, Arndell Park 2148 | SA 18 Follett Close, Mount Barker 5251 | Bulk warehouses: VIC, NSW & QLD



application rates

Tree & Shrub Planting

1 to 2kg per cubic metre of growing medium or soil taken from plant hole (or 1 to 2g per litre of soil).

Flower & Shrub Beds, Lawns, etc.

100 to 200 grams per cubic metre or 500 to 1000 grams per cubic metre mixed off-site.

Roof Gardens, Baskets, Containers, Troughs, etc.

5kg per cubic metre of growing medium (or 5g per litre of growing medium).

Plant Size	Planting Hole Size	Soil Volume	Application Rate
Tubestock	10x10x30cm	3L	10g
100mm	20x20x30cm	12L	20g
140 to 150mm	30x30x30cm	27L	40g
200mm	40x40x40cm	66L	100g
300mm	60x60x60cm	216L	300g
25L	63x63x63cm	250L	375g
45 to 50L	80x80x80cm	512L	750g
75L	90x90x90cm	729L	1.125kg
100L	1x1x1m	216	1.5kg

Composition

Mix of cross-linked hydroabsorbent polymers	39.50%
Fertilisers	10.50%
N total	4.5%
P ₂ O ₅ soluble in mineral acid	1%
K ₂ O soluble in water	5.5%
Micronutrients: B, Cu, Fe, Mn, Mo, Zn	
Growth precursors	0.25%
Volcanic rock	49.75%

Technical Characteristics

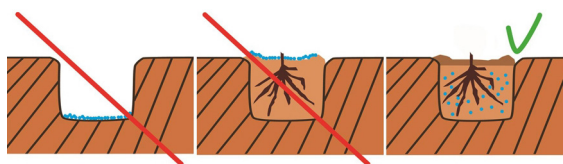
Bulk density	800g/L
Dry matter	~96%
pH (1g/L H ₂ O)	~7
Absorption capacity in distilled water (method of analysis CEN EN 13041): minimum 4500g H ₂ O/100g	
Dry granular mixture free of micro-organisms	
Certified non-toxic	
Particle size	0.63mm to 4mm (>85%)
Lifespan	8 years

Application

TerraCottem® should be thoroughly mixed with the soil or growing medium before planting. For tree & shrub planting or planting in a container partially fill with the mix before planting then fill to the top of the root-ball with the TC-soil mixture.

For garden beds and lawns either apply to surface evenly by hand or with a spreader or ideally mix into the root zone of soil to a depth of 20cm before planting.

Water thoroughly.



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