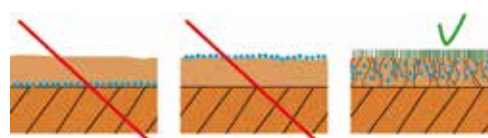


SPECIFICATION SHEET

The product is a physical soil conditioner formulated to improve the quality of turf, seeded grass and sprigs. It is designed to increase the water and nutrient holding capacity of soils and growing media and increase grass root development, leaf growth and reduce the need for watering by up to 50%. The product is a dry, free flowing, powdery-to-granular mixture of cross-linked hydroabsorbent polymers, growth precursors, humic acids and zeolite enriched with NPK fertiliser with magnesium. The product has an absorption capacity of a minimum of 4000 g H₂O/100 g in distilled water using Method of Analysis CEN EN 13041 and more than 95% of the water contained in the polymers is plant available.

The soil conditioning technology has to be homogeneously spread onto the topsoil and incorporated into the topsoil or growing medium on the same day under dry, calm weather conditions.



BENEFITS

INCREASED WATER HOLDING CAPACITY

WATER SAVINGS OF UP TO 50%

INCREASED CEC VALUE

LESS NUTRIENT LEACH-OFF

BETTER SEED GERMINATION

STRONGER & DEEPER ROOT DEVELOPMENT

INCREASED MICROBIOLOGICAL ACTIVITY

HIGHER RESISTANCE TO DISEASES & DROUGHT STRESS

APPLICATIONS:

Sports turf
Ornamental lawns

WHEN TO APPLY?

Prior to seeding, sprigging
or sodding.

APPLICATION FREQUENCY?

Just once.

MACHINERY REQUIRED FOR APPLICATION?

Fertiliser spreader
(preferably drop type)
& rotary hoe

COMPOSITION

Mixture of cross-linked hydroabsorbent polymers.....	32.25%
NPK fertiliser with magnesium	9.00%
N total.....	3.50%
P ₂ O ₅ soluble in mineral acid.....	0.35%
K ₂ O soluble in water.....	3.50%
Growth precursors	0.25%
Humic acids	16.00%
Zeolite.....	42.50%

TECHNICAL CHARACTERISTICS

Bulk Density	~ 700 g /l
Dry matter	~ 90%
pH (1 g /l H ₂ O)	~ 6.5
Absorption capacity in distilled water (Method of Analysis CEN EN 13041)	min. 4000 g H ₂ O/100 g
Absorption capacity in a solution of 2 g /l Ca(NO ₃) ₂ (Method of Analysis CEN EN 13041)	min. 1000 g H ₂ O/100 g
Dry granular mixture free of micro-organisms	
Certified non-toxic	
Particle size.....	0.63mm-4mm (>90%)
Lifespan	8 years

Application method for large areas:

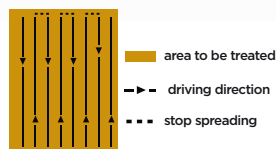
1 Pour TerraCottem® Turf (TCT) into the fertiliser spreader's hopper.



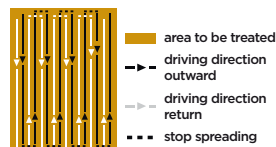
2 Spread TCT onto topsoil at recommended rate with a fertiliser spreader (preferably drop type) or mix off-site with growing medium and apply this to surface.



3 Application pattern for drop spreader: parallel passes with no overlap.



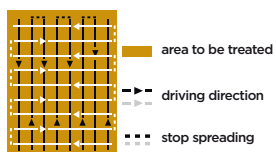
4 Application pattern for rotary broadcast: multiple overlapped parallel passes.



5 On the same day incorporate TCT into the root zone to a depth of 20 cm/8 inches with a rotary hoe or similar, across the length and width of the area.



6 Incorporation pattern across the length and width of the area.



7 Prepare soil for sowing seed, laying turf or using sprigs.



8 Seed, lay turf or sprig.



9 Incorporate the seeds lightly into the soil.



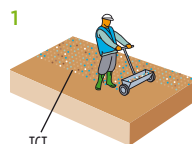
10 Roll to embed seed.



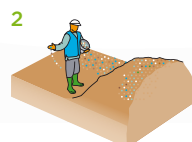
11 Water thoroughly.



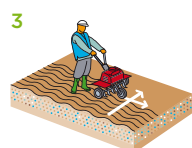
Application method for small areas:



Apply TerraCottem® Turf (TCT) to surface at recommended rate with a fertiliser spreader (preferably drop type) or mix off-site with growing medium and apply this to the surface.



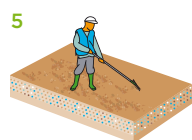
For small areas (e.g. a couple of dozen square metres/yards) and slopes apply TCT manually at recommended rate.



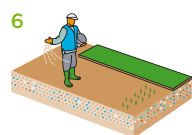
Mix into the root zone to a depth of 20 cm/8 inches with a rotary hoe, across the length and width of the area.



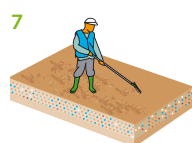
For slopes, use a hoe to incorporate the product into the soil at a depth of 20 cm/8 in.



Prepare soil for sowing seed, laying turf or using sprigs.



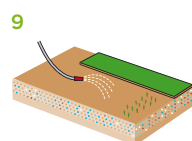
Seed, lay turf or sprig.



Rake the seeds lightly into the soil.



Roll to imbed seed.



Water thoroughly.

TURF



Pack size: 20 kg
Coverage area (approx.): 111-166 m²



Grass
120-180 grams per m²
incorporated into the root zone to a depth of 20 cm/ or 600-900 grams per m³ growing medium mixed off-site

TC Quality Mechanism (TCQM)

To maximise the benefits of the TerraCottem method, support your specification with 'The Compliance Solution', a process management tool supplied through TC Advantage or their approved representative.

The above-mentioned rates are applicable in the majority of cases. However they may vary according to the climate, type of soil and recommendations of the project manager, architect or consultant. For recommended methods and specific rates contact your distributor.

Distributor:

TC Advantage

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Lesmurdie WA 6076

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