

# Water Conservation

## TerraCottem

By absorbing water and nutrients that would normally be lost to runoff or evaporation and providing plants and turf with a consistent, readily available source, TerraCottem® improves the water retention capacity of soils and growing media, improving soil structure and aeration, increasing root growth, enhancing fertilizer availability and reducing the occurrence of transplantation shock, water stress and resultant plant loss.

The product is specially suited for use in degraded or problematic soils and root zones with little capillarity, eg. sandy soils, containers, pots, industrial or municipal areas where little or no maintenance (irrigation, fertilization, soil treatment) is performed, and to improve the quality and performance of growing media.

## THE PRODUCT

A mixture of the best-performing potassium-based organic hydroabsorbent polymers currently available increases the capacity of soils or substrates to retain and provide water and nutrients

A starter component of soluble and slow-release mineral and organic fertilizers plays an important role during the initial growth phase, and for many months after

Trace amounts of a growth stimulating agent encourage extensive root development in the initial growth phase

Carrier material allows for homogeneous distribution of all components, and contributes to better aeration.

## THE BENEFITS

### Water savings

- reduced use of water
- reduced runoff and evaporation
- reduced drought stress

### Fertilizer savings

- less fertilizer runoff and waste
- less salt damage

### Soil conditioning

- increased microbiological activity
- compaction relief
- increased aeration

### Plant growth

- more complete grow-out
- faster grow-out
- stronger root development
- deeper root growth
- more blooming
- longer flowering season
- longer growing season
- better fruit repartition
- better plant quality
- improved yield

## THE APPLICATIONS

- landscaping (including reforestation, afforestation, land reclamation, roof gardens, etc&hellip;)
- sports turf (golf & football)
- horticulture
- home & garden

Specially suited for applications in:

- sandy soils
- contaminated soils
- embankment and hillside planting
- roofgardens

- dune restoration
- land reclamation & environmental remediation
- brownfield sites