



For more info

# TourTurf® REO

## Respond® Extreme Organic Wetting Agent

Photo: © Jacob Sjöman / The Scandinavianian

**Organic wetting agent for sustainable water management in turf, horticulture and organic agriculture.**

TourTurf® REO Respond® Extreme Organic Wetting Agent is the first 100% organic wetting agent from TourTurf®, approved for use in organic farming (FiBL listed). It provides a level of performance that is comparable to synthetic alternatives and superior water retention. TourTurf® REO has been verified as non-GM.

TourTurf® REO has been extensively tested in a range of field-, laboratory- and grow room-based trials. Its use has been shown to reduce the water repellency of hydrophobic soil. It also greatly enhances the rhizosphere diversity and the microbial activity within the soil. Use of the product may also improve seedling emergence rate and access to soil resources, such as water and nutrients.

The water retention achieved in the top 4cm of the rootzone is especially positive in hot, warm and extreme climatic conditions.

TourTurf® REO is a concentrated sophorolipid wetting agent. Those naturally derived glycolipids from a plant and microbial process are used to produce a natural plant-based surfactant. Sophorolipids are a class of glycolipids that are synthesized mainly by yeast species. Sophorolipids consist of a carbohydrate attached to a long-chain fatty acid by glycosidic linkage. This gives sophorolipids their powerful natural surfactant properties.

### Guaranteed content

Non-ionic surfactant made from sophorolipids.....25-50% (fermentation products of glucose and fatty acids, C-18 (unsaturated), glycerol esters with yeast *Candida Bombicola*, partially hydrolysed)

The product strengthens microbiological activity in the soil and is 100% biodegradable.

### Application



Use once monthly during growing season.  
Ideal for grow-in, as it retains water at the rootzone top.



**Turf Resiliency:** 20L/ha mixed with 700L of water.  
**Grow-In:** 20L/ha mixed with 700L of water.  
**Urban Tree Care:** 20L/ha mixed with 700L of water.  
**Substrates:** 0.25L/m<sup>3</sup> of substrate.



Synergy with PTC, APS, BAP, BTS & MCB



### Order number

8580  
2 x 10 litres per carton

8580/200 | 8580/1000  
200L | 1000L



Note: Included in the FiBL list of permitted inputs for organic production in Germany.