



TOURTURF® RESILIENCY



For more info



# TourTurf® NWA

## Natural Wetting Agent

Oxide: 3-1-2

### A plant based wetting agent and organic soil conditioner based on extracts from Camellia Sinensis.

TourTurf® NWA has a natural content of NPK, iron, sulphur and other micronutrients. In addition, the content of amino acids, fatty acids will help promote healthy turf plants in any growing conditions year round. The natural surfactants improve soil moisture distribution, ensure that water reaches plant roots more effectively. This reduces water wastage and enhances nutrient uptake, especially in sandy or hydrophobic soils.

Camellia sinensis is the plant behind the world's favourite teas and is not only valued for its flavourful leaves but also for its natural wetting agent properties. The saponins found in tea leaves act as effective surfactants, reducing surface tension and enhancing water penetration. These natural compounds have made the extracts increasingly popular. The product has a dark brown colour with a distinct smell of tea.

Fatty acids are key building blocks of cell membranes, they benefit turf by enhancing its cell membrane structure and giving it structural stability.

Strong cells make turf more resistant to environmental stress like foot traffic or turf pathogens. By improving the cell membrane structure, fatty acids can help turf retain more water, improving drought tolerance and reducing the need for frequent irrigation. Fatty acids can play a role in regulating physiological responses and help the plant to react to heat stress.

Healthy cell membranes are necessary for nutrient uptake, enabling turf to access water and nutrients more effectively.

#### Guaranteed content

Nitrogen (N)	2.65%
Phosphorus (P <sub>2</sub> O <sub>5</sub> )	0.61%
Potassium (K <sub>2</sub> O)	1.62%
Iron (Fe)	0.11%
Sulphur (SO <sub>3</sub> )	0.80%
Magnesium (MgO)	2.17%
Calcium (CaO)	2.14%
Manganese (Mn)	0.09%
Zinc (Zn)	0.06%
Copper (Cu)	0.20%

#### Other elements:

Organic matter	27.56%
Amino acids ( 16 in total )	8.66%
Fatty acids ( 8 in total )	4.29%
Bioactive elements	23.87%

(Alginic acid, Laminarin, Fucoidan, Mannitol)

Natural Wetting Agent	35.0-40.0%
-----------------------	------------

(Saponin)

Circular content	100,0%
------------------	--------

pH: 3.7

Density: 1.24

Nozzles: Spray nozzles for larger droplets.

Storage: Minimum Temp.: 5 °C - Maximum

Temp.: 40 °C

#### Application



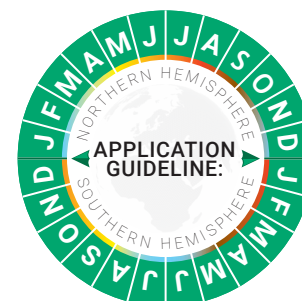
Use TourTurf® AFL Anti-foam Liquid for reduction of foaming in the mixtank.



20-40L/ha.



Synergy



#### Order number

11088/1000  
1000L