

## AQUAturf Soil Wetting Agent

- **Increases infiltration rate to reduce irrigation run off**
- **Reduces water loss by creating an even wetting front**
- **Hydrophylic action holds water to prevent dry patch**
- **Lipophylic action stops leaching of valuable wetters**
- **AQUAturf drains wet soils to return air to pore spaces**
- **Stable polymeric wetter is extremely safe to turf**
- **Versatile blend of actives - curative and preventative**
- **Longevity of performance means less applications**
- **Flexible formulation for granular or liquid delivery**
- **Extensive field testing ensures reliable performance**



### **MATCHplay quality stands alone ...**

When applied to a turf or soil surface, or mixed with irrigation in a venturi fashion, AQUAturf will increase the ability of applied water or natural rainfall to penetrate into, then percolate through a soil profile.

By reducing surface tension, AQUAturf increases the coverage of water around individual soil particles and holds it for use by plant roots. At the same time AQUAturf promotes the drainage of free soil water to allow the return of air to soil pore spaces.

#### **Product specifications ...**

100% W/V Long chain polymeric wetting agent concentrate

#### **General Information**

**Composition:**  
Liquid wetting agent concentrate

**Net Volume:**  
20 litre \*  
200 litre \*\*

**Greens coverage:**  
3,300m<sup>2</sup> – 1 ha \*  
3.3 – 10 ha \*\*

**Fairway coverage:**  
2,000 – 3,300m<sup>2</sup> \*  
2.0 – 3.3 hecatares \*\*

**Product codes:**  
20 litres: 4015  
200 litre: 4020

### General information...

Soil wetting agents are formulated by blending various surfactant compounds. In their simplest form, wetting agents are detergent like and highly unsuitable for turf use. These products are characterised by their high susceptibility to leaching, their speed of breakdown and their phototoxicity to turf. Practically speaking they are recommended for use at low rates, need to be applied regularly and they strip the soil of valuable organic compounds.

At the other end of the spectrum, sophisticated wetting agent technology is highly beneficial to turf. Characterised by lipophilic (attracted to oil) and hydrophilic (attracted to water) activity, these wetters can be applied in stronger doses to last longer and they are very safe to turf grass. Because these wetters bind to organic oils they resist leaching. Add to this their attraction to water and the result is that moisture is conveniently held around the root zone for turf to access. Environmentally and agronomically, sophisticated soil wetters are worth every cent.

AQUAturf is a blend of surfactant compounds that produce a versatile soil wetter with all the benefits this chemistry can provide to turf management systems. Put it on stronger and watch it last longer, or, apply it in light doses more regularly to help turf grass cope with the hottest of summers.



### Directions for use...

SITUATION	RATE	LONGEVITY	COMMENTS
Greens and fine turf, lawns and landscape.	20 - 60 Litres / ha	2 - 3 months	Apply in advance of expected dry patch formation. AQUAturf is a polymeric wetting agent that rewets readily after treated soil has been dry for extended periods.
Fairways, Sportsturf, lawn turf and landscape.	60 - 100 Litres / ha	3 - 6 months	Application through boom spray should use a minimum dilution of 1 part AQUAturf to 200 parts water (1.0 Litres AQUAturf in 200 Litres of water). Additional irrigation (3-6mm) should be applied to ensure the AQUAturf is thoroughly watered into the soil profile.
Propogation and plug potting mixes	(1 to 1000) 10 ml AQUAturf to 10 Litres water.	3 months	Prepare sufficient solution of AQUAturf with water (at the specified dilution rate) to treat the intended volume of growing media.
Nursery and greenhouse potting soils	(1 to 500) 20 ml AQUAturf to 10 Litres water.	6 months	Use this solution to thoroughly soak the soil media. No extra irrigation is required beyond initial drenching, other than normal irrigation practices.



**(03)97524133**