



WETTING AGENTS

Smarter Water Management for Turf

Water is the most important input in turf management, yet it is often the least efficiently utilised. Soil type, organic matter and environmental conditions can all impact how water behaves within the rootzone, leading to uneven distribution and reduced turf performance.

Wetting agents provide a proven solution, improving water movement and ensuring consistent moisture throughout the soil profile.

What is a Wetting Agent?

A wetting agent (soil surfactant) reduces the surface tension of water, allowing it to spread more effectively through soil rather than beading or travelling vertically through preferential flow channels.

In hydrophobic soils, water struggles to penetrate evenly. Instead, it moves down the path of least resistance, leaving dry zones that result in:

- Localised dry patch
- Reduced root mass
- Inconsistent playing quality
- Increased irrigation requirements

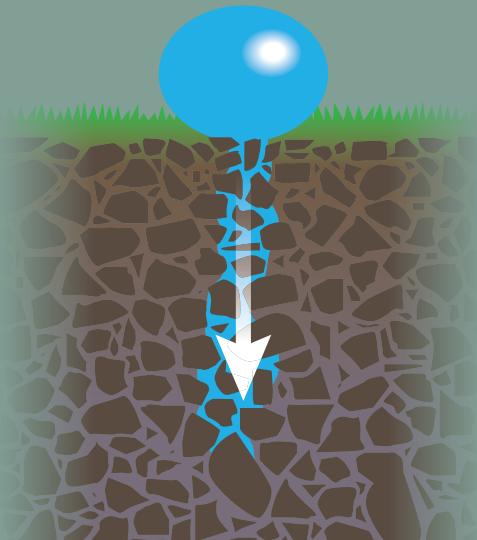
The Programmed Approach

Applying wetting agents as part of a structured programme ensures soils remain receptive to moisture throughout the season. Starting early and maintaining regular applications prevents the onset of hydrophobic conditions and supports consistent turf performance.

How Water Behaves in Soil

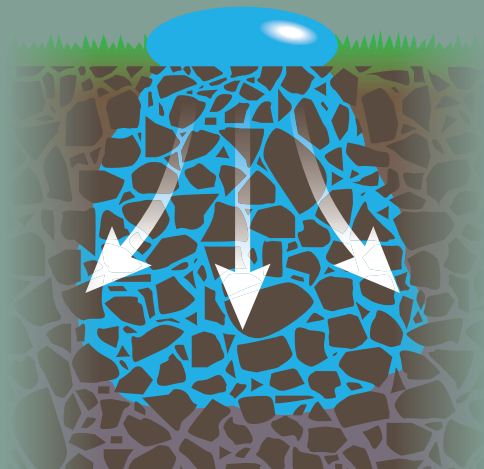
Without a Wetting Agent:

- Water beads on the surface
- Vertical movement through cracks or channels (path of least resistance)
- Dry pockets remain untouched
- Roots avoid hydrophobic zones



With a Wetting Agent:

- Water penetrates the soil surface and spreads laterally
- Even infiltration across the profile
- Uniform rootzone moisture
- Improved irrigation efficiency



Breaker Range

Targeted Water Management Solutions

The Breaker range offers a comprehensive suite of wetting agents designed to manage water across a wide range of turf environments, from preventative programmes to curative treatments.

Product	Key Benefits	Formulation	Order Code	Pack Size
 Breaker Elite	• Proven surfactant technology for water management • Reduces soil water repellency • Improves infiltration and distribution • Enhances rootzone hydration and efficiency	Liquid	OAI009597	10L
			OAI009598	120L
			OAI009598	500L
 Breaker BioLinks Wetting agent + biostimulant in one application	• Curative and preventative dry patch control • Enhances root development and plant health • Balances soil moisture content • Contains natural phytohormones • Improves turf quality and colour	Liquid	OAI009595	10L
			OAI009605	120L
			OAI009609	500L
 Breaker Sport Designed for large turf areas	• Optimised for sportsfields and fairways • Economical and efficient application • Enhances turf consistency and performance • Improves water use efficiency	Liquid	OAI009604	10L
			OAI009596	120L
			OAI009610	500L

Why Choose the Breaker Range?

- Flexible solutions for different turf challenges
- Suitable for preventative and curative programmes
- Proven performance across sports turf and amenity
- Supports consistent moisture management

Terafirm

Advanced Soil Penetrant



Firm surfaces. Faster drainage.

Terafirm is a specialist soil penetrant designed to improve the downward movement of water through the soil profile, helping to maintain firmer, drier playing surfaces.

Taking its name from the Latin terra firma meaning “solid ground”, Terafirm works by reducing surface tension and encouraging vertical water movement, minimising lateral spread and surface saturation.

How It Works

- Accelerates downward water movement through the profile
- Reduces surface moisture and encourages drying
- Opens pore space during soil contraction
- Supports optimal field moisture capacity

This results in improved drainage and enhanced playing conditions.

Why Choose Terafirm?

Terafirm is ideal for managing excess moisture, helping turf managers maintain consistent, playable surfaces even during periods of high rainfall.

Order Code	Size
------------	------

LIQUID	
OAI006381	10L
OAI006382	100L
GRANULAR	
OAI006385	18kg

Key Benefits

- ✓ Accelerates surface dry-down
- ✓ Reduces puddling and anaerobic conditions
- ✓ Improves turf firmness and playability
- ✓ Supports healthier rootzone conditions
- ✓ Non-phytotoxic and safe to use

Terafirm Granular Spreader Settings – Appli-Tec 2000

Application Rate	Single Pass	Double Pass	Spread Width	Cone Setting
12g/m ²	I½	H½	3m	7
24g/m ²	L	J		

TriCure

Advanced Wetting Agent Technology



How It Works

TriCure modifies how water behaves in the soil:

- Reduces surface tension of water
- Promotes even lateral and vertical movement
- Ensures consistent moisture around soil particles
- Improves rootzone hydration

This delivers a more uniform and plant-available moisture profile.

Why Use TriCure?

- Eliminates localised dry patch
- Improves irrigation efficiency
- Promotes even turf growth and colour
- Enhances root development
- Reduces need for hand watering

Consistent moisture.

Reliable performance.

TriCure is a versatile wetting agent designed to prevent and control soil water repellency, ensuring uniform moisture distribution across the rootzone. Suitable for a wide range of turf surfaces, it supports consistent playing quality and improved irrigation efficiency.



Liquid

- Flexible application rates
- Ideal for programmed monthly use
- Suitable for greens, tees, fairways and sports pitches

Order Code	Pack Size
OAI006374	10L
OAI006375	100L



Granular

- DG-Lite granule technology
- Rapid dispersion and solubilisation
- Ideal for bunker faces, slopes and hard-to-spray areas

Order Code	Pack Size
OAI006385	18kg

How the Technologies Work Together

TriCure forms the foundation of a complete wetting agent programme and works effectively alongside penetrant technologies such as Terafirm.

- TriCure ensures even moisture distribution across the rootzone
- Terafirm drives water down through the soil profile

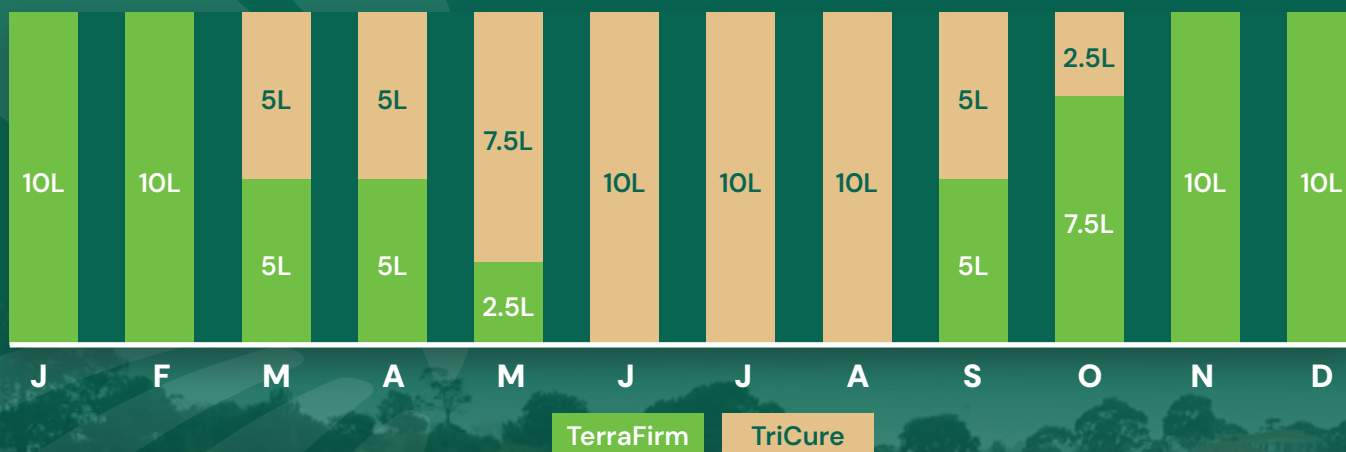
Why This Matters

- Improves both lateral and vertical water movement
- Prevents waterlogging while avoiding dry patch
- Maintains consistent moisture levels
- Supports stronger root development
- Enhances surface performance and playability

Flexible Application

- Suitable for greens, tees, fairways and sports pitches
- Available in liquid and granular formulations
- Ideal for use as part of a seasonal programme

Suggested Program



TriCure Granular Spreader Settings – Appli-Tec 2000

Application Rate	Single Pass	Double Pass	Spread Width	Cone Setting
12g/m ²	I½	H½	3m	7
24g/m ²	L	J		

Irrigation alone



Water Repellent Soil

TriCure® treated



Wettable Soil