

# FORMULATION 42

Uniquely Advanced Wetting Agent – Residual & Penetrant

**Formulation 42™** is a highly advanced wetting agent – residual and penetrant - for use at 12.5 litre per hectare giving 10L/Ha of residual wetters and 2.5L/Ha of penetrant wetters.

**Residual wetters:** A uniquely optimised blend of surfactants designed to take wetting property and longevity to a new level.

**Penetrant wetters:** Employing a unique penetrant engineered to last longer in the profile, combined with a superwetting surfactant for maximum wetting power and the ability to disperse water and dew from the leaf for a period.

Through our knowledge of surfactant technology, Formulation 42 achieves a new level of optimisation of block copolymers used for monthly residual wetting. The absolute wetting performance is further enhanced along with the resistance to both biodegradation and water washout. Extensive trials have confirmed a reduced treat rate of 12.5L/Ha.

One of the significant advancements of Formulation 42 is a unique penetrant wetting agent designed to last longer in the profile through its resistance to biodegradation.

### Benefits and Features

- Highly optimised residual wetter
- Creates more homogeneous conditions across a green
- Allows prevention or reduction of localised dry patch even under conditions of increased moisture stress
- Allows recovery of areas already suffering localised dry patch
- Reduces soil hydrophobicity
- Long lasting penetrant designed to cope with heavy rain fall to give quicker infiltration rates and alleviate standing water

### Application

Apply monthly during the growing season typically from March until September or October. For use at 12.5 litres per hectare giving 10L/Ha of residual wetters and 2.5L/Ha of penetrant wetters. Formulation 42 should be added to water and applied by spray.

### Pack sizes available

5 litre, 12.5 litre, 120 litre, 200 litre drums, 500-1000 litre IBCs



### Monthly application:

Zone	Formulation 42	Water Volume	Area	Notes
Greens	12.5 litres	300-600 litres	1 hectare	During prolonged hot conditions (day time temperatures of 26°C and above for longer than 10 days) apply at 17.5L/Ha monthly or 12.5L/Ha every three weeks.
Tees/Sports Pitches	10-12.5 litres	300-600 litres	1 hectare	
Fairways	5-12.5 litres	200-600 litres	1 hectare	
Bowling Greens	1.5-1.9 litres	45-90 litres	1500m <sup>2</sup>	

During prolonged hot conditions (day time temperatures of 26°C and above for longer than 10 days) then apply at 17.5L/Ha monthly or 12.5L/Ha every three weeks

### Other application rates:

Zone	Formulation 42	Water Volume	Area	Frequency
Fairways/Tees	25 litres	300-600 litres	1 hectare	90 days
Do not exceed a solution strength of 6%				

### Pack sizes available

5 litre, 12.5 litre, 120 litre, 200 litre drums, 500-1000L IBCs

### Formulation 42™ Granular

A slow release fine, greens grade granule impregnated with Formulation 42 - the most advanced, 100% active residual wetting agent with curative properties on the market. The zeolite granule carrier continues to enhance the CEC of the rootzone long after the surfactant has been released. A granular wetting agent where everything is beneficial and nothing is wasted.



### Benefits and Features

- Slow release for greens
- Zeolite granule enhances CEC of the rootzone

### Pack sizes available

15kg Tub

### Monthly application:

Zone	Formulation 42 Granular	Area
Greens/ Fairways/Tees Sports Pitches	150-500kg	1 hectare
Bowling Greens	22.5-75kg	1500m <sup>2</sup>