

AquaSmart®

Bio Active 4D®

A revolutionary
omni directional
surfactant for
consistent,
long term soil
moisture
control plus bio
stimulants



AquaSmart

Bio Active 4D

120 Day Surfactant & Bio Stimulants

AquaSmart Bio Active 4D™ is based on the standard 4D triple action surfactant formulation, combined with a Bio Active package known as an RSI (Root Stimulant and Improver). This Bio Active package is composed of a full range of amino acids + carbohydrates.

AquaSmart Bio Active 4D™ Surfactants provide for a deep, consistent moisture profile throughout the root zone for periods of up to 120 days. The Bio Active elements work within the plant to improve water and nutrient uptake by balancing osmotic potential, increasing chlorophyll concentration and efficient leaf stomata function (reducing plant water loss), and minimizing the impact of stress caused by saline environmental conditions (or high salt fertilizers).

AquaSmart Bio Active 4D™ contains 100% active ingredients, and the unique combination of surfactants, simple carbohydrates, amino acids and trace elements can lead to an increase in root length and density (root mass). Root mass equals 'water reservoir' leading to a more drought tolerant plant, less requirement for irrigation, a healthier leaf and therefore improved playing surfaces for all sport requirements. In addition, we can expect a reduction in irrigation water inputs of greater than 30%.

AquaSmart Bio Active 4D™ can be injected through irrigation systems and/or tank mixed for spray application.

- Cost effective
- Long term wetting agent: 90-120 days
- Provides a uniform soil moisture profile
- Reduces water usage
- Increases nutrient uptake
- Programmed approach has 'top up' effect
- Low rates have cumulative benefits
- Compatible with most tank sprays

Distributed by:

COMPOSITION

AquaSmart Bio Active 4D™ is a non-toxic, non-ionic, non-flammable, non corrosive and biodegradable formulation of surfactants, wetting agents and bio stimulants.

Active Ingredients:

80% Polyoxyalkylene Glycol Surfactants
20% Bio Active package

APPLICATION RATES

Greens

Tank mix 10 L per hectare in 600 - 800Lts water. Apply two applications the first month at 15 to 30 day interval. Repeat with 5 to 10Lts at 30 day intervals throughout the growing season.

Golf and General Turf

Tank mix 2.5 to 10 L per hectare in 600 - 800Lts water. Repeat after 15 to 30 days. Repeat with 2.5-5Lts at 30 day intervals if required.

Inject at 2.5 to 5 L per hectare. Apply two applications the first month at 15 day intervals. Repeat at 2.5 to 5L per hectare every 30 days, or whenever conditions require.



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