

Formulated in Australia



# **HydroForce** **Rapid**

For application to broadacre turf situations to enhance water penetration, overcome water repellency and enhance re-wetting capacity.

## Product Overview

HydroForce Rapid is a versatile surfactant formulation which can offer multiple functions in improving water availability in turf management.

At lower rates of application, HydroForce Rapid can act as concentrated, high quality thatch and soil penetrant, designed to quickly and efficiently move water away from the foliage and thatch and into the growing medium. As a tank mix partner with soil applied plant protection and plant nutrition products, HydroForce Rapid can also be used to maximize the quantity of active ingredients in reaching their target.

When used at higher rates of application, HydroForce Rapid offers a medium term residual soil surfactant option, providing up to 6-8 weeks performance, whilst assisting in overcoming hydrophobic soil conditions and improving re-wetting performance.

HydroForce Rapid can also be used as a highly concentrated surfactant formulation for injection into irrigation systems to significantly improve water penetration and limit the impact of evaporative forces. Due to its economical features, HydroForce Rapid is ideal for large area usage situations.

The key penetrant surfactant molecule used within the product is Alkyl Polyglycoside (APG). This product is a relatively new material derived from sugar and fatty acid molecules and is well known to dramatically improve water penetration rates.

HydroForce Rapid as well as containing a concentrated level of penetrant surfactant technology, also possesses a convenient level of a residual block co-polymer surfactant. When these molecules are used in combination, HydroForce Rapid offers multiple surfactant wetting capabilities to improve overall turf performance.

### Unique Combination for Superior Performance

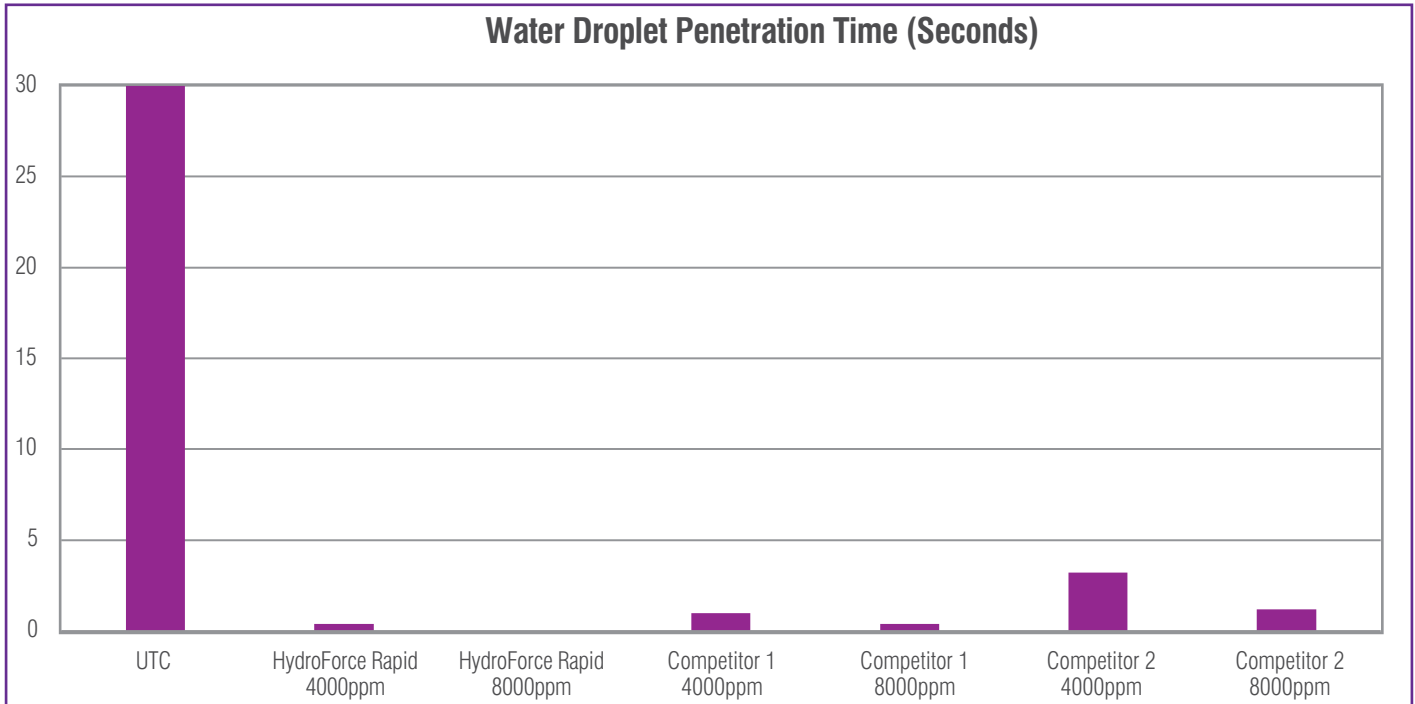


## Key Features

- > Highest quality, 40% Block Co-Polymer and Alkyl Polyglycoside blend surfactant formulation.
- > Greatly increases water penetration and irrigation efficiency.
- > Non-burn formulation, minimal interaction with the plant's cuticle.
- > Significantly reduces run-off on sloped areas.
- > Improves turf performance and uniformity.
- > Moves fertiliser and chemical inputs into the soil more efficiently and consistently, maximising performance.
- > Flexibility in rate, dependent upon intensity of use.
- > Manufactured and developed in Australia for the harshest of climatic conditions.
- > HydroForce Rapid is available in 20L, 200L and 1,000L pack sizes for convenience and ease of use in every situation.



## HydroForce Rapid Performance



### HydroForce Rapid – Application Details

Situation	Rate per 100m <sup>2</sup>	Rate per hectare	Comments
Boom Spray (Shorter Term Residual)	50mL	5L	Apply in no less than 400L/ha of water. Irrigation is not critical but is recommended to ensure product effectiveness. Repeat treatments at the desired application frequency.
Boom Spray (Enhanced Residual Performance)	200 – 500mL	20 – 50L/ha	Apply in no less than 600L/ha of water. Irrigation is recommended to ensure product effectiveness. Repeat treatments at the desired application frequency.
Fertiliser and Pesticide Placement	20 – 50mL	2 – 5L	To ensure optimal placement of soil targeted pesticides and fertilisers tank mix HydroForce Rapid. Irrigation is not critical but is recommended to ensure product effectiveness.
Injection (Fairway and Sportsfields)	20 – 50mL	2 – 5L	To ensure optimal water usage, apply monthly or as necessary. The greater the frequency of application the greater the water use efficiency. On a volume basis do not go below 10L per Megalitre of irrigation water.
Ornamentals Garden Beds & Landscaped Areas	5mL / 10L of water		Sufficient to drench area of up to 5m <sup>2</sup> . Water in well following application. Apply as necessary.

