

HydroForce Inject

Non-ionic Surfactant blend optimising irrigation efficiency. Can be applied via irrigation systems or via conventional sprayers.

Formulated in Australia



Product Overview

HydroForce Inject is a high quality thatch and soil penetrant surfactant blend, specifically designed to quickly and efficiently move water away from the foliage and thatch and into the growing medium. HydroForce Inject is economical and ideal for injection into irrigation systems or application via boom sprayer for large area usage.

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 Inject as well as containing a penetrant surfactant technology, also possesses a residual surfactant component, allowing for shorter term rewetting and prevention of dry patch formation following the application.

Unique Combination for Enhanced Irrigation Efficiency

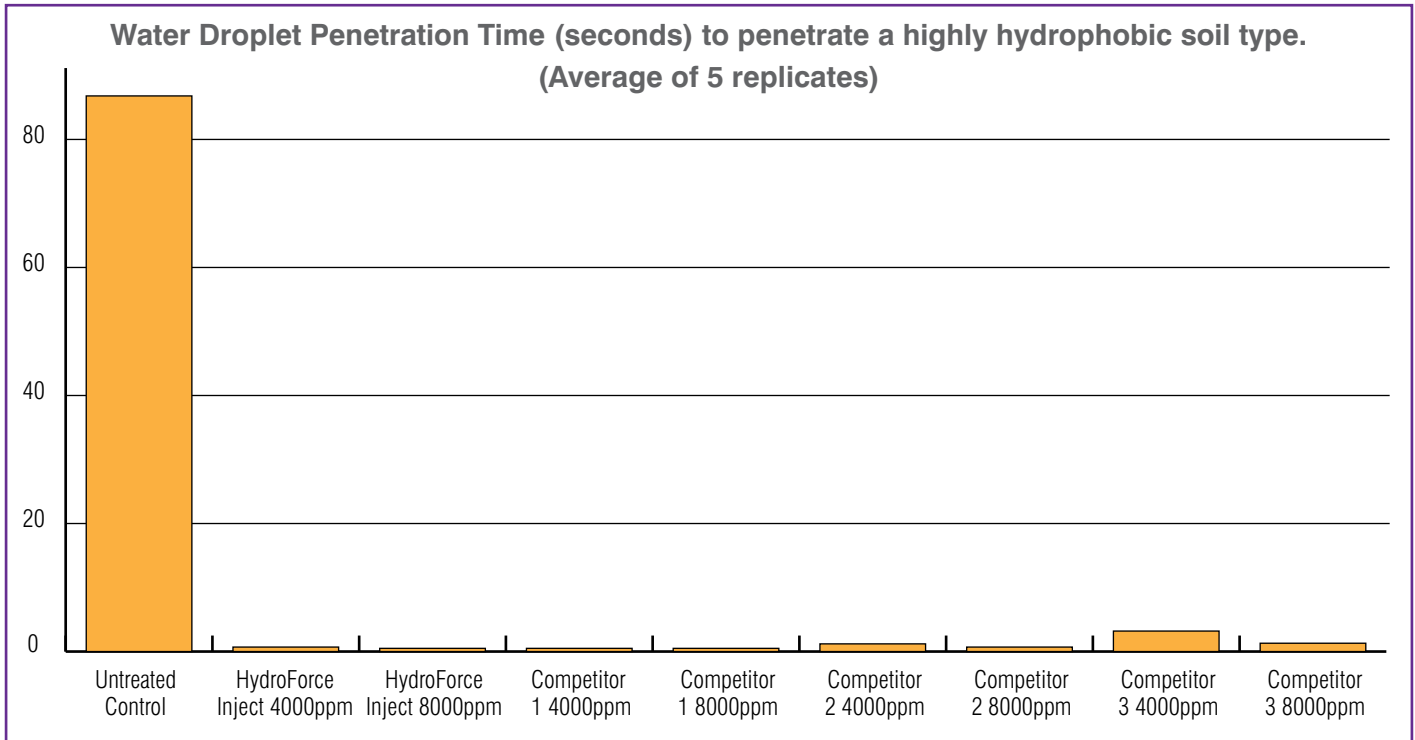


Key Features

- > Highest quality, 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 Inject is available in 20L, 200L and 1,000L pack sizes for convenience and ease of use in every situation.



HydroForce Inject Performance Characteristics



Research has proven that HydroForce Inject has excellent rapid initial wetting qualities. Quick movement of water into the profile reduces the time water is sitting on the leaf reducing evaporation, optimizing irrigation efficiency. Replicated Water Droplet Penetration assessments on a highly hydrophobic sand has demonstrated that HydroForce Inject provides equivalent movement of water into the soil when compared to competitive products. Testing conducted by G-Censeo Research (Independent research organisation).

HydroForce Inject – Application Details			
Situation	Rate per 100m ²	Rate per hectare	Comments
Boom Spray	20 – 50mL	2 – 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.
Injection into Irrigation Systems	10 – 20L per megalitre of Irrigation water		To ensure optimal water usage, apply monthly or as necessary. The greater the frequency of application the greater the water use efficiency.
Tank Mixing	190mL per 100 litres		HydroForce Inject is compatible with most fertilisers and chemicals, however effect of the mix must be tested on turf to determine if it is safe to use.
Ornamentals Garden Beds & Landscaped Areas	100mL per 10L of water		Sufficient to drench area of up to 5m ² . Water in well following application. Apply as necessary.



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