

# STAMINA<sup>®</sup> FAIRWAY



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## The broadacre soil surfactant solution

**Stamina Fairway** is a residual surfactant blend specifically developed to relieve and prevent problems associated with hydrophobic soils in broadacre turf applications. Stamina Fairway assists in water management by improving water penetration and retention, enhancing overall plant vigour by limiting periods of water stress. The surfactant within Stamina Fairway is a 100% non-ionic surfactant formulation which possesses low burn and residual properties to help alleviate and prevent problems associated with localised dry spot (LDS) in excess of an eight week period.

### Major benefits of STAMINA Fairway

- **100% surfactant formulation.**
- **Cost effective for large scale application.**
- **Low burn formulation.**
- **Suitable for use in sportsfields, golf course fairways, open spaces and amenity situations.**
- **Residual activity in excess of eight weeks when applied at the higher application rates.**
- **Manufactured and developed in Australia for Australian conditions.**

### Stamina fairway at a glance

Formulation:	Blend of non ionic surfactants
Concentration:	100% (no water)
Residual performance:	8-16 weeks
Rate:	10-50L/ha
Potential for burn:	Low
Pack sizes available:	20L, 200L, 1,000L



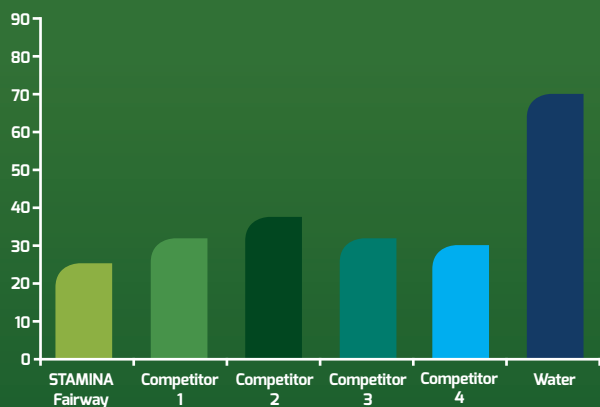
### Application rate

Situation	Rate /100m <sup>2</sup>	Rate / Ha	Comments
Boom application Fairways, sportsfields and other large turf areas.	100 – 500mL	10 – 50L	Apply in at least 500L of water per hectare. Irrigation is recommended to ensure product effectiveness. Apply monthly or repeat treatments at the desired application frequency.

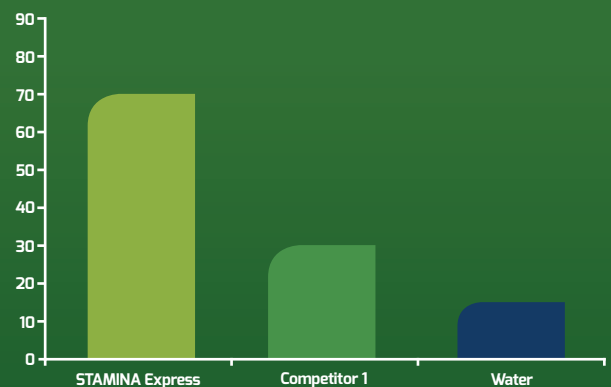
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# STAMINA Fairway Performance

### Surface Tension Results - (Dyne/cm)



### Spreading Performance Results - % coverage



## Surface tension – independent laboratory results

30ml of each wetting agent was dissolved in 15L of water, then the samples were tested on a du Nuoy Tensiometer as a way of measuring surface tension.

The lower the surface tension, the greater the surfactant has worked in reducing the cohesive forces that water possesses, and the greater the ability of the surfactant to improve water movement into the soil. Results were conducted by AAFS Laboratory – Ashburton, Victoria.

## Spreading performance

30mL of Stamina Fairway and a competitive surfactant was added to 15L of water. 10 drops of each sample was then dispensed onto a glass slide (with dye added). The area covered was measured 5 minutes after application. This test was repeated three times, with averages calculated. Results indicated that Stamina Fairway had the greater spread over the slide, indicating its excellent performance in reducing the surface tension of water, which would equate to better infiltration and movement into the soil in the field.

## Spreading performance – visual results on the slides.



## Using STAMINA Fairway

Stamina Fairway works best when applied early in the season prior to moisture stress. The lower use rates (10-25L/ha) can be used in a monthly programmed approach to prevent the occurrence of hydrophobic conditions. However, Stamina Fairway can also be used curatively at the higher end of the rate spectrum (25-50L/ha) to relieve plant stress due to hydrophobic soils at any time during the year.

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CONTACT YOUR LOCAL TERRITORY MANAGER OR CALL 1800 631 008.

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