

STAMINA[®] BALANCE



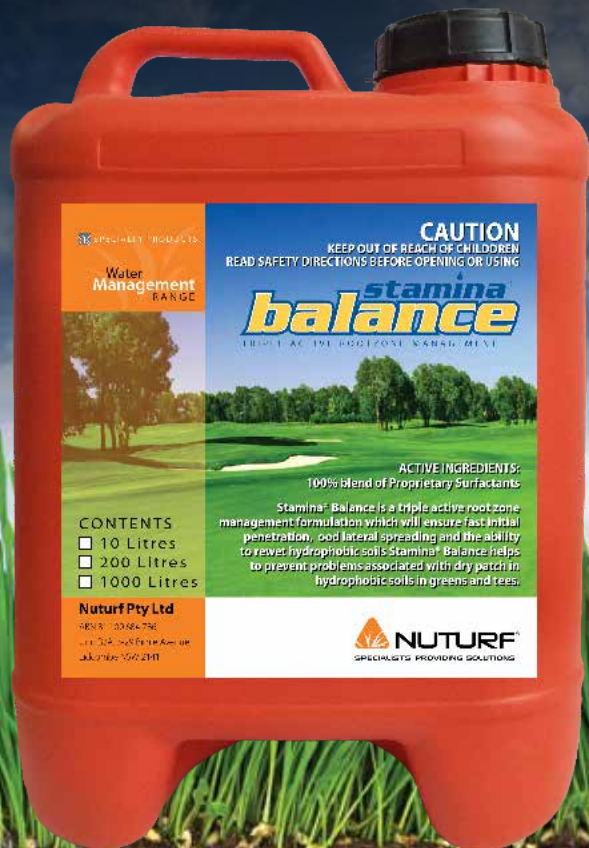
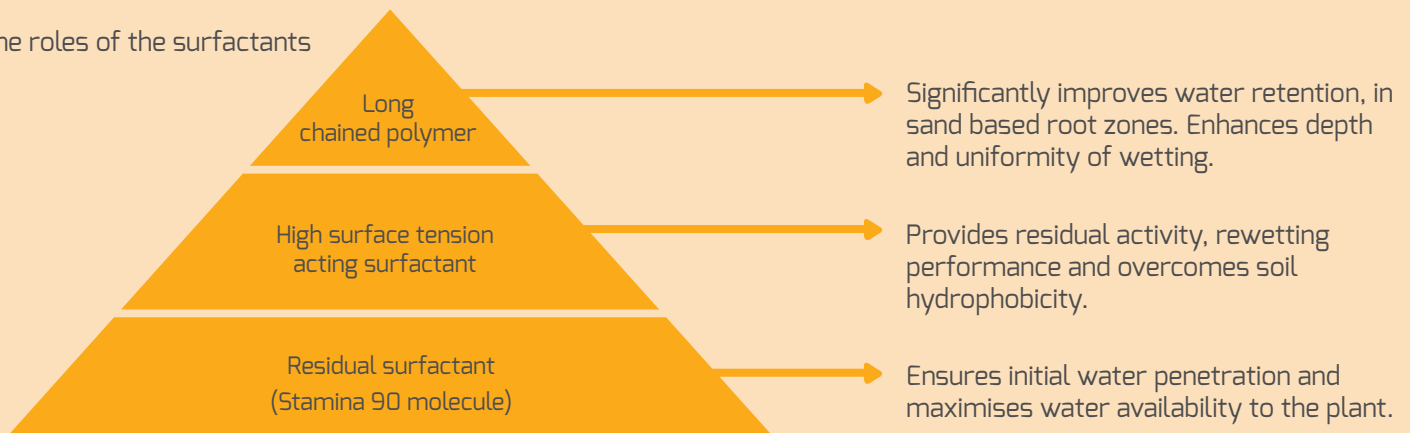
STAMINA[®] BALANCE

A combination of three powerful soil surfactants to maximise performance in sand based profiles.

What is STAMINA BALANCE?

STAMINA BALANCE is a premium soil surfactant blend, specifically designed to maximise water usage and availability in sand based root zones. The key to STAMINA BALANCE'S performance characteristics is its unique combination of powerful surfactant technologies fulfilling different roles in the water management processes.

The roles of the surfactants



MAJOR BENEFITS of STAMINA BALANCE

- Premium formulation, specifically developed for sand based root zones.
- Effective on heavier soil profiles as well, particularly by improving uniformity of wetting.
- A unique blend of three high quality, powerful surfactants, all fulfilling specific roles to improve water management processes in the soil.
- Non burn formulation, even at high temperatures.
- Flexibility in rate, dependent upon intensity of use.
- Manufactured and developed in Australia for Australian conditions.

STAMINA BALANCE at a glance

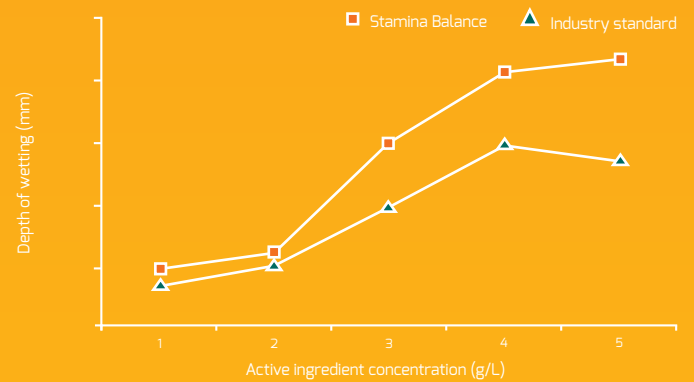
Formulation:	Blend of non ionic and anionic surfactants
Rate:	7.5-30L/ha
Residual performance:	6 weeks
Potential for burn:	Non burn
Pack sizes available:	10L, 200L

STAMINA BALANCE performance

Unique delivery system

Australian research has proven that STAMINA BALANCE has exceptional rapid initial wetting qualities. Quick movement of water into the profile reduces the impact of evaporative forces and runoff, enhancing the volume of water reaching the rootzone. Replicated Water Droplet Penetration assessments on a range of hydrophobic media has demonstrated that STAMINA BALANCE provides 87% faster movement of water into the soil than competitive products. Testing conducted by BASF Australia.

1 mL per sample and coverage measured after 24 hours



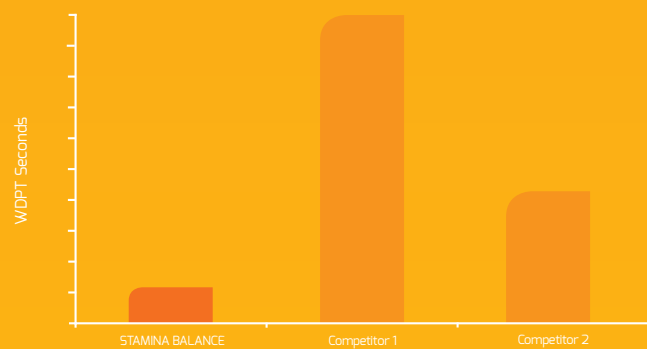
Dimensional wetting



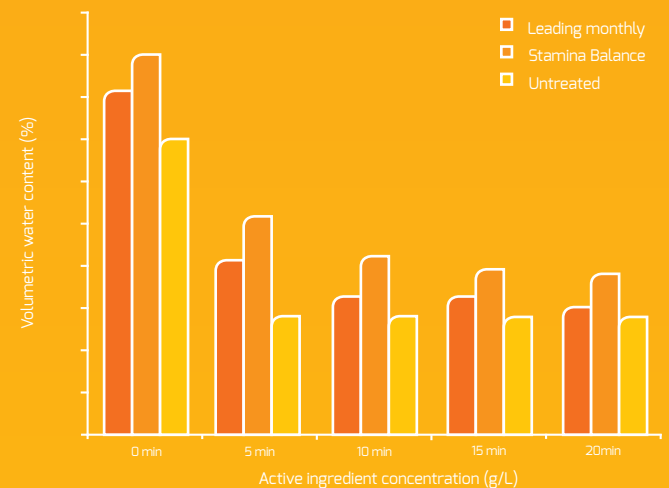
Rewetting capacity

Research has indicated that STAMINA BALANCE has greater rewetting capability over other leading soil surfactants on the market. Rewetting ensures that at each irrigation event the wetting ability of the soil is maximised, maintaining more efficient levels of water

Water droplet penetration time testing



Australian research has demonstrated that STAMINA BALANCE provides superior distribution of water throughout the rootzone. Uniform movement of water is essential in all turf management practices and assists in improving air to water ratios, drainage capacity, ball roll consistency, nutrient uptake and movement of soil applied pesticides. The above graph represents water penetration time in seconds. The lower the figure the quicker the movement of water into the soil. Testing conducted by BASF Australia.



Application rate

Situation	Application interval	Rate /100m ²	Rate / Ha	Comments
Preventative application of localised dry spot (sand based rootzones)	2 weeks*	100mL	10L	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. *For best results on a fortnightly programme, an initial application of 200ml/100sq.m is recommended, then follow with the two weekly rates.
	4 weeks	200mL	20L	
	6 weeks	300mL	30L	
Preventative application of localised dry spot (heavier textured soils)	2 weeks	75-100mL	7.5-10L	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.
	4 weeks	150-200mL	15-20L	
	6 weeks	225-300mL	22.5-30L	

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