

AquaSmart®

Pitch

Perfect®



A simple solution to improving your sports pitch performance while reducing your water use footprint.



AquaSmart

Pitch Perfect®



AQUA SCIENCE research and production support and encourage the development and maintenance of well designed sports pitches that meet the needs of sports and are a pleasure to use.

Sports pitches are required to be not only visually pleasing, but also provide a suitably thick and healthy turf grass surface to enable the chosen sport to be played under ideal conditions, providing opportunity for players to perform at their peak and without risk of injury.

Research has indicated that the quality of the sports pitch surface can have a direct bearing on the quality, skills and technique of players, pointing out that a poorly prepared playing surface can have a seriously detrimental impact on both player development and performance, even within school going age groups.

Probably the most regular playing surface quality issues we encounter are:

- Limited and patchy turf growth,
- Dry, compacted and/or uneven soil surfaces,

Here in South Africa, we are all aware of hard, dry and dusty sports pitches that break up, making play erratic and injuries inevitable

These conditions are often caused by uneven water distribution due to the presence of water repellent or hydrophobic soils.

Water repellency in soils supporting highly managed turf grass areas is a well known occurrence, and leads directly to irrigation inefficiency, excessive evaporation, and poor turf quality during hot dry periods in spring and summer, and during other periods of sports turf stress.

Hydrophobic, or water repellent soils, will not become uniformly wet. During rain or irrigation cycles water will either run off along the soil surface, or enter the soil only in irregular patches.

COMPOSITION

Pitch Perfect wetting agents are a non-toxic, non-ionic, non corrosive and biodegradable formulation of surfactants and wetting agents.

Active ingredients

Polyoxyalkylene Glycol surfactants and wetting agents

APPLICATION RATES

Sports pitches

Tank mix 10 litres per hectare.

Repeat after 15 to 30 days.

Repeat with 5 litres per hectare every 30 days or as required.

Inject 5 litres per hectare.

Repeat after 15 to 30 days.

Repeat at 30 day intervals or as required.

Pitch Perfect surfactants and wetting agents give Sports Turf Managers the ability to optimize hydration and infiltration of water across a wide range of soil and turf types.

These products are formulated from a range of penetrants and other multi-complex surfactants to promote fast initial water infiltration into hard to wet soils, or through other hydrophobic barriers, and will optimize hydration for an even and thorough distribution of water throughout the soil profile and root zone.

This in turn results in better turf performance, reduced stress and disease pressures and quicker recovery from all the normal summer heat, drought, and player, wear and tear.

If we add in the benefit of much improved water use efficiency, allowing for water use savings of up to 30%, **Pitch Perfect** wetting agents provide the perfect solution to under-performing sports turf, while also supporting the need to reduce our water use footprint.

Distributed by:

