

# Super pH Buffer with Anti Drift

## **A water conditioner and buffering agent containing anti drift agent.**

- Improved efficacy of turf management products.
- Highly cost effective.
- Product pH: 0.5
- Contains: 59% Phosphoric Acid, 10% Low Foaming Surfactant, 2% Anti-Drift.
- Prevents "lock-up" in hard water.
- Improves tank mix compatibility.

## **Why use Prestige Super pH Buffer with Anti Drift**

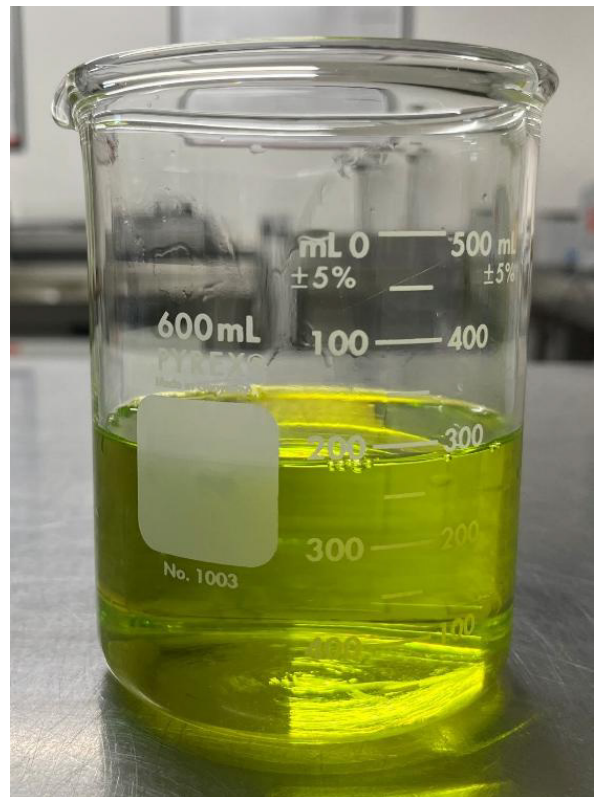
### **Hard Water Associated Issues**

Many turf management products are very sensitive to the quality of the water that they are sprayed in. Water which is hard or with high pH can dramatically reduce the effectiveness of such turf management products.

Applying hard water sensitive products in untreated spray water can result in losses of effective turf management product activity of up to 30%.

Water conditioners effectively reduce the pH, neutralise the cations in hard water, and buffer the solution allowing all the active ingredients to remain active without losses. More and more turf management products are recommending the use of a water conditioner due to alkaline hydrolysis.

Prestige Super pH Buffer with Anti Drift contains two organic acids, a surfactant system, and a water softener. This acidifies the water to the ideal spray pH, treats, and softens the water hardness. The surfactant system offers anti-drift properties and tank mix compatibility.



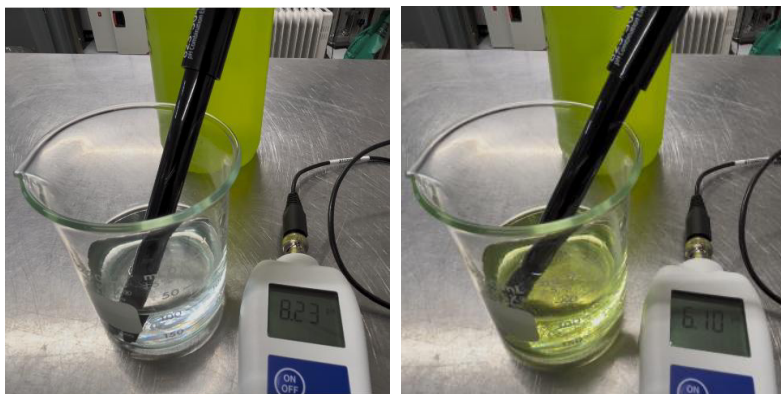


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## Synergistic Effect with Turf Management Products

Prestige Super pH Buffer with Anti Drift can be tank mixed with any turf management products as it has a synergistic effect, enhancing the performance of such management products to ensure they perform to their full extent when applied.

Prestige Super pH Buffer with Anti Drift contains a blend of two acid sources, this acidifies the water to the ideal spray pH, treats, and softens the water hardness. The surfactant system offers anti-drift properties and tank mix compatibility.



When added to water with a pH of 8.23, Prestige Super pH Buffer with Anti Drift reduced pH to 6.10 (see images on the left).

## Application Rate

Half fill the spray tank with clean water and commence agitation, add the recommended quantity of Prestige Super pH Buffer with Anti Drift, add the recommended quantity of turf management products, and then add the remaining water. Maintain agitation throughout.

Water Hardness	Total hardness concentration (mg/L) as CaCO <sub>3</sub>	Application rate (ml/100L spray water)
Soft - Medium	0 – 100	50 – 80
Medium - Hard	100 – 200	80 – 180
Hard – Very Hard	200 - 300	180 - 200