

Buff-It™

Buffering Agent for Acidification of Spray Solution



Crop safe and easy to use

Buff-It is a true buffering agent and not an acidifier. Application of Buff-It to water for use as a spray solution will reduce an alkaline pH to one suitable for most agrichemicals.

Buff-It will reduce spray solution pH to between pH 4.0 and pH 5.0. Increasing the use rate will not generally result in a reduction of pH below 4.0.

Buff-It is safe on most sensitive crops and timings. Buff-it contains no organosilicone or amino alcohol ingredients and has been independently tested in New Zealand on Fuji apples over russet sensitive timings at high rates with no crop damage.

Buff-It is recommended by Grochem for use with Plant Growth Regulators (PGR's) and associated fruit thinning chemistry. This group includes BAPSoL™, NAA 100™, GIB-47™, Growth™ (Gib-3) and Regalis®. These products perform at their optimum at an acidic pH between 4.0 and 5.0.

Buff-It Indicator: When pH is greater than 5.0 Buff-It will produce a faint orange colour when the pH is below 5.0 Buff-It will produce a bright pink/red colour.

Buff-It is not a surfactant. It is a buffering agent that contains a negligible amount of non-ionic surfactant.

If the product being applied also requires the use of a surfactant for optimum results, then a suitable rate of surfactant (i.e. Spray Aid™) should be added to the tank.

Directions for use

Situation	Application Rate	Critical Comments
Buffering agent for – Plant growth regulators, herbicides, insecticides and fungicides.	50-100ml per 100L	Addition to all sprays, unless formulations contain sufficient wetter content.

Buffering generally results in a pH of between 4 and 5. Read product label before using.

