

Improving water quality and spray results



Stingray

A blend of pH buffers and water conditioning agents



 **agrovista**


@AgrovistaUK

enquiries@agrovista.co.uk

www.agrovista.co.uk

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How it works

A blend of pH buffers, acidifiers, water conditioning agents, humectants and sequestrants.

Certain plant protection products can be affected by pH and water quality. Alkaline hydrolysis occurs both in the spray tank and on the leaf surface causing breakdown of the active ingredient.

The rate of hydrolysis increases with pH and temperature. Hard water contains a higher concentration of Ca^{++} and Mg^{++} .

This can lead to phytotoxicity and create incompatibility problems. The salt can bind/lock up the pesticide e.g. 200ppm of Ca salts reduces glyphosate performance by 30%.

Water	
pH buffer	Water condition
✓	✓

Stingray is a pH buffer and water conditioner to improve the activity of plant protection products.

Pack Size	1 and 5 litre standard
Dose Rate	Standard 0.1l/ha OR modify by water hardness Slightly – moderately hard 0.1% (100ml / 100 litres) Hard 0.1-0.2% Very hard 0.2%
Compatibility	<ul style="list-style-type: none"> • Excellent compatibility can be used with a wide range of partners • Add to spray tank first

