



# GLOW

**A preparation of sequestering, chelating and buffering agents for softening and conditioning water used for spraying agricultural chemicals.**

### INTRODUCTION

The performance of many agrochemicals and fertilisers is impeded when applied with water which is either alkaline, hard, brackish or contaminated with insoluble deposits and impurities of calcium, magnesium, bicarbonates etc. In such conditions agrochemicals and fertilisers that are prone to hydrolysis may degrade or precipitate, resulting in poor performance due to lack of active ingredients particularly when multi-product tank mixing is required.

### MODE OF ACTION

Glow contains a blend of chemicals that soften and condition the water and optimise the pesticide or fertiliser application:  
 Complexed acidifiers to reduce pH and minimise hydrolysis;  
 A long-chain polymer based water softener;  
 A sequestering agent to isolate cationic contaminants;  
 Buffering agents to improve tank-mixing compatibility;  
 Spreading and sticking agents to enhance foliar cover.

### WATER TESTING KIT

Take 1 litre sample from the water supply.  
 Add 1 measured dose (0.5 ml = 1 pump) of Glow Testing Indicator to the water to obtain an initial colour.  
 Continue to add measured 0.5 ml quantities of Glow Testing Indicator until a yellow/amber colour is achieved.

At pH 5.0 and above the water is blue.  
 At pH 4.9 and below the water colour will change to green.  
 At pH 4.3 and below the water will change to yellow.

Every 0.5 ml of Glow Testing Indicator added to the test sample is equivalent to 250 ml of Glow added to 1000 litres of spray-tank water.

#### Examples:

|                |                                                 |
|----------------|-------------------------------------------------|
| Soft Water     | 0.5 l / 1000 l water (0.05 % or 100 ml / 200 l) |
| Med/hard water | 1.0 l / 1000 l water (0.1 % or 200 ml / 200 l)  |
| Hard water     | 2.0 l / 1000 l water (0.2 % or 400 ml / 200 l)  |

Check samples of water regularly as pH of water can vary frequently. Always add water conditioner to water and agitate to ensure dispersion before adding agrochemicals and fertilisers.

### MIXING

Always add the required amount of Glow to the water in the spray-tank before adding the agrochemicals or crop nutrition products.

### SAFETY PRECAUTIONS

H314: Causes severe skin burns and eye damage.

#### Danger

P264: Wash hands thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+330+331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P303+361+353: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water.

P405: Store locked up.

Contains: Orthophosphoric acid



Protect from frost. Store above 5°C

Made in UK

Batch No: See neck of the bottle

**Contents: 5 litres**  
**Packed in boxes of 4 x 5 litres**

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