

pH STABRIX™



UTILITY MODIFIER

STABILITY STARTS WITH SPRAY WATER.

KEY COMPONENTS

- Phosphoric acid-based polybasic acids
- Sequestrants
- Non-ionic wetting agents
- Anti-foam
- 4% Nitrogen
- Built-in colour pH indicator

FORMULATION

Liquid water-soluble concentrate

SIGNAL WORD

DANGER

PACKAGE SIZE

10 L jug

RESTRICTED USE

No

pH Stabrix™ helps maintain stable spray water, supporting consistent performance from crop protection products.

This water-management tool is designed to support spray water stability across a wide range of crop protection applications. By helping manage pH and water hardness challenges, it promotes improved tank-mix compatibility and more consistent spray performance for herbicides, fungicides, insecticides and desiccants.



COMPATIBILITY

- Herbicides
- Fungicides
- Insecticides
- Plant growth regulators

INTENDED USE AREAS

- Field crops
- Vegetables
- Fruits and berries
- Specialty and horticultural crops

WHY pH STABRIX

Hard spray water, containing dissolved salts, calcium and magnesium ions can bind to pesticide active ingredients to form insoluble complexes. The pesticide's active ingredient becomes insoluble and cannot be absorbed by target plants or insects.

pH Stabrix™ helps:

- Reduce alkaline hydrolysis of susceptible pesticides in the spray tank.
- Minimize binding of active ingredients by hard-water ions.
- Support consistent spray performance across variable water sources.
- Provide precise pH adjustment without over-application.
- Improve spray solution handling and mixing.

HOW IT WORKS

- Acid components lower spray water pH toward the optimum range (~5.5–6.5).
- Sequestrants bind calcium, magnesium, and iron ions.
- Wetting agents improve spray coverage and droplet spread.
- Anti-foam agents improve tank mixing accuracy.
- Colour indicator provides visual confirmation that the target pH has been reached.



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USE & MIXING GUIDANCE

DIRECTIONS FOR USE:

- It is advisable to test the pH of the water first.
- Always add pH Stabrix™ to the spray tank before pesticides.
- Gradually adjust until the colour indicator confirms the target pH.
- Maintain agitation during filling and application.
- Use rates depend on spray water hardness and volume.

MIXING:

- Half fill the spray tank with water and commence agitation.
- Add the required quantity of pH Stabrix™.
- Continue agitation while topping up the tank and during spraying.

• Immediately after application, rinse the sprayer thoroughly with water to remove any pH Stabrix™ from the sides of the tank, spray lines and nozzles.

- Typical rate: ~ 56.8 mL/ac



SPRAY WATER TYPE	GUIDE DOSE - mL/100 LITRES OF SPRAY WATER
SOFT	45-50 mL
MEDIUM	50-60 mL
MEDIUM-HARD	100-180 mL
HARD	180-200 mL
VERY HARD	220 mL

Always read and follow label directions. pH Stabrix™ is a spray water conditioner and does not replace pesticide label requirements.

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Refer to product label for complete application and mixing instructions.

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