

BRANDT® Indicate 5®

# pH Indicator, Acidifier, Water Conditioner and Spreader

BRANDT Indicate 5 is an APE/NPE free, multi-functional spray adjuvant designed to improve pesticide performance by correcting spray water pH, conditioning hard water, and enhancing spray coverage. It contains a built-in pH indicator that turns the spray pink when the optimum pH range of 4.5-5.5 is reached, eliminating the need for separate pH testing equipment.

High pH and hard water can reduce the effectiveness of many crop protection products. BRANDT Indicate 5 helps maintain proper spray solution conditions while improving wetting, spreading and penetration for more consistent results in the field.

## Key Benefits of BRANDT Indicate 5

- **Built-in pH Indicator:** Turns spray solution pink when the optimum pH range of 4.5-5.5 is reached
- **Water Conditioning & pH Adjustment:** Neutralized dissolved salts and lowers spray water pH to help prevent alkaline hydrolysis of sensitive pesticides
- **Improved Spray Coverage:** Enhances wetting and spreading to create a more uniform spray film on the leaf surface
- **Enhanced Spray Performance:** Helps maintain proper spray solution conditions to support consistent herbicide, fungicide, and insecticide activity
- **Tank Mix Compatible:** Designed for use with most fertilizers and crop protection products when used according to label directions
- **APE/NPE Free**

## Principle Functioning Agents

A proprietary blend of Alkyl aryl ethoxylates and Water conditioning agents.....	80%
Constituents ineffective as spray adjuvant .....	20%
Total .....	100%

## Application and Use

The correct volume of BRANDT INDICATE 5 to be added to the spray water is indicated by the color pink at pH between 4.5 to 5.5.

**Soft Water:** A rapid color change occurs from milky white to pink when optimum pH is reached.

**Hard Water:** Color changes slowly from milky white to yellow to orange to pink when optimum pH is reached.



The following table serves as a guide to the volume required for different types of spray water.

Water Hardness	Total dissolved salts	Conductivity S/cm	Rate (fl oz) per 100 gal
Soft	0-100	0-200	5-6
Medium	100-200	200-300	6-7
Medium Hard	200-250	300-400	7-10
Hard	250-300	400-500	10-20
Very Hard	300-400	450-500	20-30
Extremely Hard	400+	500+	30+

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