



**BRANDT® Indicate 5®**

# pH Indicator, Acidifier, Water Conditioner and Spreader

BRANDT INICATE 5 is a non-ionic multifunctional adjuvant containing a patented built in pH indicator that turns the spray tank solution pink as soon as the optimum pH level of 4.5-5.5 is reached.

Many active ingredients are sensitive to alkaline hydrolysis and may become less active in hard water conditions. BRANDT INDI-CATE 5 enhances spray quality by neutralizing these hard water salts that can impact efficacy.

## BRANDT INDICATE 5 Advantages

- Eliminates the need to test the water pH with any additional equipment
- Promotes even pesticide coverage for improved efficacy
- Reduces surface tension of the spray solution which results in more uniform wetting and spreading
- Slows drying and improves penetration

BRANDT INDICATE 5 may be applied in a wide range of climates and can be used on most crops. BRANDT INDICATE 5's built-in pH indicator will turn the spray water pink as soon as the optimum pH level is reached. Always read full label before use.

**Soft Water:** A rapid color change occurs from milky white to pink.

**Hard Water:** Color changes slowly from milky white to yellow to orange to pink.

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.

pH 8.2	pH 6.8	pH 6.5
pH 6.3	pH 5.3	pH 4.5

## Principle Functioning Agents

A proprietary blend of alkyl aryl ethoxylates and water conditioning agents.....	80%
Constituents ineffective as spray adjuvant .....	20%
<b>Total .....</b>	<b>100%</b>

## Application Rates and Use

**Mixing Instructions:** Fill the tank almost to the top leaving just enough head space to mix in the rest of the chemicals once the water has been treated. Add desired amount of BRANDT INDICATE 5 or until solution turns pink for a pH between 4.5 - 5.5. Fill tank with balance of fertilizer or water. Add other chemicals. Agitate adequately to mix. If the tank mix solution turns clear upon the addition of the remaining chemicals and water, add additional BRANDT INDICATE 5 until tank mix solution turns pink. BRANDT INDICATE 5 is compatible with most fertilizers and pesticides. Check compatibility by utilizing jar test before mixing.

**Note:** This product has demonstrated excellent plant safety; however not all species of plants have been tested. Before treating a large area, test on a small area and observe results prior to full scale applications.

The following table serves as a guide to the volume of BRANDT INDICATE 5 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	400-450	10-20
Very Hard	300-400	450-500	20-30
Extremely Hard	400+	500+	30+

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