

# Brandt Indicate 5<sup>®</sup>

pH Indicator, Acidifier, Water Conditioner & Wetter/Spreader

## General Information

Patented BRANDT INDICATE 5 is the only adjuvant that contains a built-in pH indicator, turning the spray water pink as soon as the optimum level of 4.5-5.5 is reached. It eliminates the need to test the water pH with any additional equipment.

BRANDT INDICATE 5 counters both the detrimental effects of high pH and hard water on sensitive pesticides. Some chemicals sensitive to alkaline hydrolysis include: glyphosate, organophosphates, synthetic pyrethroids, carbamates, chlorinated hydrocarbons, and triazines. BRANDT INDICATE 5 acts as a wetting, spreading and penetrating agent resulting in an even film of spray over the leaf and better pesticide performance.

**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

**BRANDT**

Manufactured By:  
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## PRINCIPLE FUNCTIONING AGENTS:

A proprietary blend of Alkyl Aryl Ethoxylates & Water Conditioning Agents.....	80%
Constituents ineffective as spray adjuvant.....	20%
Total .....	100%

All ingredients are exempt from the requirement of a tolerance per 40 CFR 180. U.S. Patent 5,278,132

## KEEP OUT OF REACH OF CHILDREN WARNING

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed. Avoid breathing spray mists or vapors. Wash thoroughly with soap and water after handling. Avoid contamination of feed or foodstuffs.

**PERSONAL PROTECTIVE EQUIPMENT (PPE):** Long-sleeved shirt and long pants, socks, shoes, gloves, and protective eyewear.

**ENVIRONMENTAL HAZARDS:** Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

See back panel for additional precautionary statements.



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#### Net Contents

1 gal (3.78 L) per bottle  
Packaged 4 x 1 gal (3.78 L)

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## Directions for Use

**Mixing Instructions:** Fill tank 2/3 full of water. 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+

## FIRST AID

**IF SWALLOWED:** Immediately call a poison control center or doctor for treatment advice. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give ANY liquid to the person. Do not give anything by mouth to an unconscious person.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

**STORAGE:** Store in a cool, dry, locked area out of reach of children. Protect from excessive heat. Keep container tightly closed in storage to prevent entry of water.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## CONDITIONS OF SALE

Seller's guarantee shall be limited to contents and merchantability of the product and the terms of the label and subject thereto. The buyer assumes any risks to persons or property arising out of use or handling. Because the time, place, rate of application and other conditions of use are beyond seller's control, seller's liability from storage, handling and use of this product is limited to replacement of product or refund of purchase price.