

# Brandt® Indicate 5®

pH Indicator, Acidifier, Water Conditioning Agent & Spreader

## Principal Functioning Agents:

A proprietary blend of Alkyl aryl ethoxylates  
and Water conditioning agents .....80%  
Constituents Ineffective as Spray Adjuvant. ....20%  
Total ..... 100%

## DIRECTIONS FOR USE

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 equipment.

This product counters the detrimental effects of both 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 and spreading agent resulting in an even film of spray over the leaf and better pesticide performance.

**COMPATIBILITY:** BRANDT INDICATE 5 is compatible with most fertilizers and pesticides. However, if the desired combination has not been previously used, a compatibility test is recommended.

**MIXING:** Fill tank 2/3 full of water and begin agitation. Add the recommended 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. Continue agitation until spray solution is completely mixed. If the tank mix solution turns clear upon the addition of the remaining chemicals and water, add additional product until tank mix solution turns pink again.

**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. Do not use on aquatic sites.

**RECOMMENDATIONS:** 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.

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

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+                         |

KEEP OUT OF REACH OF CHILDREN



**DANGER**

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** Causes severe skin burns and eye damage. May cause respiratory irritation. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. Wear protective eyewear, long sleeved shirt, long pants, shoes plus socks and chemical resistant gloves made of any waterproof material when mixing or handling concentrate. Do not breath mist or vapor. Use only outdoors or in a well-ventilated area. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

### ENVIRONMENTAL HAZARDS

Do not contaminate water when cleaning equipment or disposing of equipment washwaters. Avoid release to the environment. Collect spillage.

### FIRST AID

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison control center.

**IF ON SKIN:** Take off immediately all contaminated clothing. Rinse skin with water.

**IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting.

**IF INHALED:** Remove person to fresh air and keep comfortable for breathing.

### STORAGE AND DISPOSAL

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

**STORAGE:** Keep container tightly closed. Store locked up in original container in a well-ventilated place. Keep away from children, animals, foods, feeds and seeds. Handle in accordance with Precautionary Statements. In the event of spillage or leakage, soak up the material with absorbent clay, sand, sawdust or other absorbent material. Scrape up and dispose in accordance with Product Disposal. **PRODUCT DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent) during mixing and loading. Recycling decontaminated containers is the best option of container disposal. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state or local ACRC recycler, visit the ACRC web page at [www.acrcycle.org](http://www.acrcycle.org). Decontaminated containers may also be disposed of in a sanitary landfill.

**WARRANTY:** Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use; but neither this warranty nor any other warranty of merchantability or fitness of a particular product expressed or implied, extends to the use of this product contrary to label conditions, or under conditions not reasonably foreseeable to the seller; and buyer assumes the risk of any such use.

NET CONTENTS: \_\_\_\_ GALLONS / \_\_\_\_ LITERS

**BRANDT®**

Manufactured by:  
Brandt Consolidated, Inc.  
2935 South Koke Mill Road  
Springfield, Illinois 62711 USA  
[www.brandt.co](http://www.brandt.co)  
800 300 6559 2016-06 (GHS)