

# Brandt® 10-45-10 Micro

Water Soluble Fertilizer with Chelated Micronutrients

10-45-10

## Guaranteed Analysis

|  |         |
|--|---------|
| Total Nitrogen (N) . . . . .                               | 10.00%  |
| 8.5% Ammoniacal nitrogen                                   |         |
| 1.5% Urea nitrogen   |         |
| Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) . . . | 45.00%  |
| Soluble Potash (K <sub>2</sub> O) . . . . .                | 10.00%  |
| Boron (B) . . . . .  | 0.02%   |
| Copper (Cu) . . . . .                                      | 0.05%   |
| 0.05% Chelated copper                                      |         |
| Iron (Fe) . . . . .  | 0.10%   |
| 0.10% Chelated iron  |         |
| Manganese (Mn) . . . . .                                   | 0.05%   |
| 0.05% Chelated manganese                                   |         |
| Molybdenum (Mo) . . . . .                                  | 0.0005% |
| Zinc (Zn) . . . . .  | 0.05%   |
| 0.05% Chelated zinc  |         |

Derived from monoammonium phosphate, potassium sulfate, urea, sodium borate, copper ethylenediaminetetraacetate (EDTA), iron EDTA, manganese EDTA, sodium molybdate, and zinc EDTA. F76

## General Information

Foliar applications are used as a supplemental method of feeding to help correct nutrient deficiencies and to enhance crop quality and are not intended to replace a complete fertility program. Applications to actively growing plants produce the best results. Avoid foliar applications of this product when plants are suffering from moisture stress or during periods of high temperature and low humidity.

## Mixing and Handling Instructions

**Compatibility:** BRANDT 10-45-10 MICRO may be applied separately or in conjunction with most pesticides and with other fertilizers. The addition of wetting agents often enhances nutrient uptake. DO NOT use with basic metal sulfates, strongly alkaline materials (such as hydrated lime and lime sulfur), or spray oils. A compatibility test is recommended if the desired combination has not been previously used. Tank mixtures with copper-based products can be phytotoxic due to increased solubility of copper.

Before general applications, apply the spray solution to a small test area of the foliage to determine any undesirable phytotoxic effects.

**Mixing:** Dissolve the recommended amount of this product into approximately one half the required water. Note: 2 lbs. of this product per 100 gallons equals 1 oz./3 gal. or 1 Tbsp./1 gal. Slowly add the remaining water while maintaining constant agitation. Water quality and temperature will determine maximum solubility. Warmer water temperatures increase solubility and shorten dissolving time. As this product goes into solution, the water temperature will drop. Therefore it is important when preparing concentrated solutions to allow for this temperature drop to insure that the fertilizer is completely dissolved. DO NOT exceed 2 lbs. BRANDT 10-45-10 MICRO per gallon of finish spray.

## Rate Recommendations

Unless otherwise specified, use recommended rates in the following water volumes based on application method. Use sufficient spray volume to insure thorough coverage and wetting needed for optimum results.

**Dilute:** Greater than 100 gallons/acre.

**Concentrate:** 10-100 gallons/acre.

**Aerial:** 5-20 gallons/acre.

**Fertigation:** Apply this product at rates necessary to provide the desired levels of nutrients. Finish application at least one-half hour before end of irrigation schedule.

BRANDT 10-45-10 MICRO is recommended for use on (but not limited to) the following crops. Rates other than those suggested below may be applied depending on crop conditions and cultural practices.

**Field and Vegetable Crops** (such as alfalfa, beans, broccoli, carrots, cauliflower, corn, cotton, cucumbers, lettuce, onions, peas, peppers, sorghum, sugarbeets, tomatoes and wheat): Apply 3-10 lbs./acre when plants are 3 to 4 weeks old and repeat as needed.

**Fruit and Nut Crops** (such as almonds, apples, apricots, avocados, cherries, citrus, nectarines, peaches, pears, pecans, plums, prunes and walnuts): Apply 5-20 lbs./acre early in the growing season when leaves have emerged and repeat as needed. Do not use in late season sprays where fruit color and maturity is delayed by nitrogen applications. Do not use on Golden Delicious apples during slow drying conditions.

**Vine and Berry Crops** (such as bushberries, caneberrys, grapes, hops and strawberries): Apply 5-10 lbs./acre in early spring or when deficiency symptoms first appear and repeat as needed.

**Nursery, Greenhouse, Turf (Commercial) and Landscape Plantings:** For general use as a foliar spray, soil drench or transplant solution, apply 2-4 lbs. per 100 gallons of water as needed. For constant feeding, apply 4-12 oz. per 100 gallons of water.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metals.htm>

Information about the components of this lot of fertilizer may be obtained by writing to Brandt Consolidated, Inc. and giving the lot number which is found on the container or label.



**WARNING:** Harmful if swallowed.

**Precautionary Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. 99.9% of the mixture consists of component(s) of unknown acute oral toxicity. **First Aid:** *If swallowed:* Rinse mouth. Call a doctor if you feel unwell. **Storage and Disposal:** Do not contaminate water, food or feed by storage or disposal. Keep out of reach of children. Store away from incompatible materials. Dispose of contents/container in accordance with local regulations.

**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 Weight: 25 lb / 11.3 kg**

31002BRN025

2015-06 (GHS)

BT/LOT #

**BRANDT®**

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