

# Brandt® 28-8-18 Micro T&O

Water Soluble Fertilizer with Chelated Micronutrients

28-8-18

## Guaranteed Analysis

Total Nitrogen (N) . . . . .	28.00%
1.4% Ammoniacal nitrogen	
5.1% Nitrate nitrogen	
21.5% Urea nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) . . . . .	8.00%
Soluble Potash (K <sub>2</sub> O) . . . . .	18.00%
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 nitrate, urea, monopotassium phosphate, 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 28-8-18 MICRO T&O 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 4 lbs. BRANDT 28-8-18 MICRO T&O 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 28-8-18 MICRO T&O 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.

## Ornamentals:

**Foliar Feeding:** Use at a rate of 5 lbs./100 gallons water.

**Deep Root Feeding:** Inject into soil with 1-4 lbs./1 gallon of water. Lower rates may be applied depending on plant conditions and cultural practices.

**Turf (Commercial):** Use the following rates per 1,000 square feet. Apply and irrigate into soil.

BRANDT 28-8-18 MICRO T&O provides:

28-8-18 (lbs.)	0.90	1.80	2.70	3.60
NITROGEN (lbs.)	0.25	0.50	0.76	1.01
NITRATE Nitrogen (lbs.)	0.04	0.08	0.12	0.16
AMMONIACAL Nitrogen (lbs.)	0.03	0.06	0.09	0.12
UREA Nitrogen (lbs.)	0.18	0.37	0.55	0.73
P <sub>2</sub> O <sub>5</sub> (lbs.)	0.07	0.14	0.22	0.29
K <sub>2</sub> O (lbs.)	0.16	0.32	0.49	0.65

Lower rates may be applied depending on plant conditions and cultural practices.

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:** Causes serious eye irritation. Harmful if swallowed.

**Precautionary Statements:** Wear eye/face protection. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. 61.24% of the mixture consists of component(s) of unknown acute oral toxicity.

**First Aid:** *If in eyes:* Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention. *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

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BT/LOT #

**BRANDT®**

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