

Brandt® 10-16-38 Micro

Water Soluble Fertilizer with Chelated Micronutrients

10-16-38

Guaranteed Analysis

Total Nitrogen (N)	10.00%
1.0% Ammoniacal nitrogen	
9.0% Nitrate nitrogen	
Available Phosphate (P ₂ O ₅)	16.00%
Soluble Potash (K ₂ O)	38.00%
Boron (B)	0.02%
Copper (Cu)	0.05%
0.05% Chelated copper	
Iron (Fe)	0.15%
0.15% Chelated iron	
Manganese (Mn)	0.05%
0.05% Chelated manganese	
Molybdenum (Mo)	0.0005%
Zinc (Zn)	0.15%
0.15% Chelated zinc	

Derived from monoammonium phosphate, potassium nitrate, monopotassium phosphate, boric acid, copper 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 10-16-38 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 lb of this product per 100 gal 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 lb BRANDT 10-16-38 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 gal/acre.

Concentrate: 10-100 gal/acre.

Aerial: 5-20 gal/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 10-16-38 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 5-10 lb/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 5-10 lb/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 bush berries, caneberries, grapes, hops and strawberries): Apply 5-10 lb/acre in early spring or when deficiency symptoms first appear and repeat as needed.

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

Do not apply near water, storm drains, or drainage ditches. Do not apply if heavy rain is expected. Apply this product only to your lawn/garden, and sweep any product that lands on the driveway, sidewalk, or street, back onto your lawn/garden. Check with your local Cooperative Extension Agency to obtain specific information on local turf best management practices.

In Virginia, this lawn fertilizer, which contains phosphorous, is intended only for nonagricultural use on (i) turf during its first growing season, (ii) turf areas being repaired or renovated, and (iii) turf where a soil test performed within the last 3 years indicates a phosphorous deficiency. This fertilizer is not intended for the routine maintenance of turf.

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

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.



DANGER: May intensify fire: oxidizer. Harmful if swallowed. Causes serious eye irritation. Causes skin irritation. Causes damage to organs through prolonged or repeated exposure. Suspected of damaging fertility or the unborn child.

Precautionary Statements: Obtain special instructions before use. Do not handle until all safety precautions have been read. Keep away from heat. Keep away from clothing/combustible materials. Take any precaution to avoid mixing with combustibles. In case of fire, use appropriate media to extinguish. Do not breathe dust. Do not eat, drink or smoke when using this product. Wear protective gloves and eye/face protection. Wash thoroughly after handling. **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 on skin:* Wash with plenty of water. Take off contaminated clothing and wash before reuse. If skin irritation occurs, get medical attention. *If swallowed:* Rinse mouth. Call a poison center/doctor if you feel unwell. If exposed or concerned, get medical attention. **In case of fire:** Use appropriate media to extinguish. **Storage and Disposal:** Do not contaminate water, food or feed by storage or disposal. Keep out of reach of children. Store locked up. Dispose of containers in accordance with local regulations.

WARNING: Cancer and Reproductive Harm-www.P65Warnings.ca.gov

LIMITED WARRANTY: Brandt Consolidated, Inc. ("BCI") warrants that the Product conforms to the chemical description given on this label and is reasonably fit for the purpose stated when used in accordance with label directions under normal conditions of use. BCI and Seller make no other warranties, express or implied, including warranty of merchantability or fitness for a particular purpose. Buyer and User accept all risks arising from any use of this Product. To the extent allowed by law, BCI and the Seller shall not be liable to the Buyer or User of this Product for any consequential, special, incidental or indirect damages.



UN 1479,
Oxidizing Solid, N.O.S.
(Potassium Nitrate),
5.1, PGIII

BRANDT®

Guaranteed by:
Brandt Consolidated, Inc.
2935 South Koke Mill Road
Springfield, Illinois 62711 USA
www.brandt.co
800 300 6559

Net Weight: 25 lb / 11.3 kg

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LOT #

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