

Brandt® Ligno Coastal Mix

Liquid Complexed Micronutrient

Guaranteed Analysis

Magnesium (Mg)	1.40%
Sulfur (S)	3.50%
Copper (Cu)	0.10%
Iron (Fe)	2.00%
Manganese (Mn)	2.00%
Molybdenum (Mo)	0.05%
Zinc (Zn)	1.00%

Derived from copper sulfate, ferrous sulfate, magnesium sulfate, manganese sulfate and zinc sulfate, complexed with lignosulfonate; and sodium molybdate.

General Information

Although formulated specifically for turf and ornamentals, this product may also be used on field, row, vegetable, fruit, tree and vine crops for the prevention and correction of micronutrient deficiencies. Applied alone, with pesticides, or with other fertilizers, this product may be applied directly to the soil or to the foliage of growing crops via ground sprayers, aircraft or fertigation systems.

Rate Recommendations

FOLIAR APPLICATION: Actively growing plants with young leaves absorb foliarly applied BRANDT LIGNO COASTAL MIX most efficiently. Immediate post-irrigation or post-rainfall application will enhance foliar uptake. Thorough coverage and wetting are needed for optimum foliar spray results.

Applications should be separated by a minimum of 7-14 days. AVOID foliar applications of this product when plants are under moisture stress. AVOID foliar applications to deciduous tree crops during bloom.

Dilute Applications: For rates higher than 2 quarts per acre, split applications of 2 quarts or less are preferred to minimize phytotoxicity.

Concentrate Applications: Use up to 2 quarts in a minimum of 25 gallons of water per acre.

Aerial Applications: Up to 1 quart per 5 gallons of spray may be used, but more dilute solutions will improve coverage and results.

SOIL APPLICATION: The lower rates are for field, row and vegetable crops. The higher rates are for fruit, tree, and vine crops.

Soil Fertility Maintenance	1-3 qts./acre
Mild Deficiency	2-6 qts./acre
Severe Deficiency	1-3 gals./acre

Fertigation: Apply the recommended amount of product in split applications 1-2 weeks apart throughout the growing season.

Optimum rate of application will vary depending on soil properties (such as pH, organic matter content, texture), weather conditions, time of year, general crop

health and crop species. For best results, follow soil or plant tissue test recommendation to monitor specific levels of micronutrients and maintain these levels for optimum plant growth.

Mixing and Handling Instructions

Shake, stir, or swirl contents before using. Put 1/3 to 2/3 of total required water volume in tank. Add recommended amount of this product before adding pesticides, adjuvants, or other fertilizers. Agitate until thoroughly mixed, then fill tank with remainder of water.

BRANDT LIGNO COASTAL MIX is compatible with most pesticides and fertilizers. However, if the desired combination has not been previously used, check for chemical mixture compatibility using a jar test prior to application.

WARNING: The application of fertilizing materials containing molybdenum (Mo) may result in forage crops containing levels of molybdenum (Mo) which are toxic to ruminant animals.

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



DANGER: Causes serious eye damage. Causes skin irritation. May cause an allergic skin reaction. May cause 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 and understood. Wear eye/face protection and protective clothing/gloves. Do not breathe mist or vapor. Wash thoroughly after handling. Avoid release to the environment. Collect spillage. **First Aid:** *If in eyes:* Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor. *If on skin:* Wash with plenty of water. Contaminated work clothing must not be allowed out of the workplace. Take off contaminated clothing and wash before reuse. If skin irritation or rash occurs, get medical attention. **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 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 Contents: 5 gallons (18.9 liters)

Density: 10.6 lb/gal @ 68°F
Net Weight: 52.5 lb (23.8 kg)

24020BRN068
2016-08 (GHS)

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