

BRANDT® Manni-Plex® Root Builder

BRANDT
Manni-Plex

Foliar Nutrient Solution

3-0-0

Guaranteed Analysis

Total Nitrogen (N)	3.00%
2.75% Nitrate nitrogen	
0.25% Urea nitrogen	
Magnesium (Mg)	0.50%
0.50% Water soluble magnesium	
Boron (B)	0.20%
0.20% Water soluble boron	
Copper (Cu)	0.05%
0.05% Water soluble copper	
Manganese (Mn)	0.90%
0.90% Water soluble manganese	
Zinc (Zn)	4.70%
4.70% Water soluble zinc	

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Derived from magnesium nitrate, copper nitrate, manganese nitrate, zinc nitrate, urea and sodium borate.

General Information

BRANDT MANNI-PLEX ROOT BUILDER is designed for application to all field, row, vegetable, fruit, tree and vine crops, and turf and ornamentals for the prevention and correction of micronutrient deficiencies when used as part of a balanced fertility program.

Rate Recommendations

Field, Row, Vegetable, Fruit, Tree and Vine Crops: Apply 1-2 quarts per acre per application throughout the growing season. At least 3 applications are recommended. More frequent applications at 1.5 quarts per acre may be needed to correct deficiencies once they occur. For pre-plant or sidedress applications, use 1-2 gallons per acre.

For professional use, apply every 7-14 days, as needed.

Fine Turf (Warm or Cool Season Turfgrasses)

Putting Greens and Tees

Maintenance: 3-6 fl. oz. per 1,000 sq ft or 1-2 gallons per acre.

Renovation: 3-6 fl. oz. per 1000 sq ft or 1-2 gallons per acre.

Overseeding: 1.5-3 fl. oz. per 1,000 sq ft or 0.5-1 gallons per acre, applied every 7-14 days after germination and plants have reached the 3 tiller phase. Most effective when used as part of an overall overseeding nutritional program.

Fairways, Sports Turf and Lawns

Maintenance: 6-9 fl. oz. per 1,000 sq ft or 2-3 gallons per acre.

Renovation: 6-9 fl. oz. per 1000 sq ft or 2-3 gallons per acre.

Overseeding: 3-6 fl. oz. per 1,000 sq ft or 1-2 gallons per acre, applied every 7-14 days after germination and plants have reached the 3 tiller phase. Most effective when used as part of an overall overseeding nutritional program.

Foliar Application

Apply a foliar spray early in the morning or late in the day for best results. Allow foliar sprays to dry thoroughly before irrigation to insure even foliar uptake.

Net Contents:

2.5 gallons (9.46 liters)

Density: 10.2 lb/gal @ 68°F

Net Weight: 25.2 lb (11.4 kg)

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Ornamental Plants: Apply 1-2 fl. oz. per 1 gallon of water as a foliar spray.

Tree and shrub maintenance: For deep root feeding inject 0.5-1 gallons per 100 gallons of water per inch of trunk diameter at chest height. Apply 1-2 gallons per 100 gallons of water as a drench. Apply drench throughout the year or during drought stress conditions.

Optimum rate of application will vary depending on soil properties (such as pH, organic matter content, texture), weather conditions, time of year, general plant species and health. For best results, follow soil/tissue test recommendation.

Mixing and Handling Instructions

Fill mix tank with half of required water volume and begin agitation. Add products in this order, mixing thoroughly after each addition: adjuvants, pesticides, then fertilizers. Fill tank with remainder of water and continue agitation until solution is completely mixed. Check chemical mixture compatibility using a jar test prior to application.

ATTENTION: This product contains boron; use on any crops other than those recommended may result in serious injury to the crops.

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. Check with your local Cooperative Extension Agency to obtain specific information on local turf best management practices. 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.



WARNING: Causes serious eye irritation. 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 gloves/clothing. Wash thoroughly after handling. Avoid release to the environment. **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 exposed or concerned, 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.

⚠️ 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.

Guaranteed By:
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