

Manni-Plex[®] Root Builder



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	

Derived from magnesium nitrate, copper nitrate, manganese nitrate, zinc nitrate, urea and sodium borate. F76

General Information

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.

Ornamental Crops: Apply 1-2 quarts per 100 gallons water. Cover foliage thoroughly to point of runoff.

Turf (Commercial): Apply only to actively growing turf. For best results apply early morning or late evening.

Green & Tees: 2-5 fl.oz. per 1,000 sq.ft.

Fairways & Sports Turf: 2.5-6.5 quarts per acre.

Overseeding: 2 fl.oz. per 1,000 sq.ft. after germination.

Sod Installation: 2 fl.oz. per 1,000 sq.ft. at installation.

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 test or plant analysis recommendation.

Net Contents: 2.5 gallons (9.46 liters)

Density: 10.2 lb/gal @ 68°F

Net Weight: 25.2 lb (11.4 kg)

Packaged: 2 x 2.5 gallons (9.46 liters)

28124BRN100T
2017-07 (GHS)

Mixing and Handling Instructions

Apply in a minimum of 10 gallons water per acre for ground spray equipment or 2 gallons water per acre for aerial application. For turf applications, apply in a minimum of 1 gallon water per 1,000 sq.ft. MANNI-PLEX ROOT BUILDER may also be applied via drip or sprinkler fertigation.

Put 1/3 to 2/3 of total required water volume in tank. Add adjuvants, fertilizers and pesticides if desired and agitate until thoroughly mixed. Add recommended amount of this product and agitate until thoroughly mixed. Fill tank with remainder of water.

Check chemical mixture compatibility using a jar test prior to application. Be cautious when mixing with phosphate solutions.

WARNING: MANNI-PLEX ROOT BUILDER is recommended for all crops where boron may be deficient; however overapplication may result in serious injury to susceptible 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.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. 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.

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.

Guaranteed By:
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