

Manni-Plex[®] Zn

Manni-Plex Based Foliar Zinc Supplement

Product Data Bulletin

Features

- Formulated for foliar delivery of micronutrients
- Nutrients move more easily into the plant
- Can be used with most post applied pesticides

MANNI-PLEX ZN is a uniquely complexed nutrition supplement using a mix of natural sugar compounds collectively known as Manni-Plex, which readily complexes with the metal ions. This unique complex enables the nutrients to move more easily into the plant via the phloem and xylem.

General Recommendations

MANNI-PLEX ZN is specifically formulated as a foliar nutrient mix that can be used with most post applied pesticides.

Vegetables and Ornamentals

Apply 1-3 quarts MANNI-PLEX ZN per acre per application throughout the growing season. Multiple applications are recommended. More frequent applications may be needed to correct deficiencies once they occur.

Fruit Trees and Vine Crops

Apply 1-2 quarts MANNI-PLEX ZN 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.

Row Crops

Use 1-2 quarts MANNI-PLEX ZN per 10-20 gallons of water per acre per application. When tank mixed with glyphosate, the addition of ammonium sulfate (AMS) is highly recommended and may have improved performance over glyphosate tank mixes without AMS. MANNI-PLEX ZN is compatible with most glyphosate products. Compatibility issues may be managed by using BRANDT INSURE, a water conditioner, specifically designed for use with glyphosate in combination with micronutrients.

Soil Application

MANNI-PLEX ZN can be applied via drip or sprinkler irrigation at a rate of 2-4 quarts per acre. Do not apply phosphate based fertilizers during the same irrigation cycle. BRANDT EDTA products are recommended for soil applications with NPK solutions or for harsh soil conditions where a chelated micronutrient is desired.



Guaranteed Analysis 5-0-0

Total Nitrogen (N)	5.0%
2.2% Urea Nitrogen	
2.8% Nitrate Nitrogen	
Zinc (Zn)	7.0%
7.0% Water Soluble Zinc	

Derived from Zinc Nitrate and Urea.

Mixing Instructions

Put 1/3 to 2/3 of total desired water volume in tank. Add adjuvant(s) if desired and agitate until thoroughly mixed. Add pesticide(s) if desired and agitate until thoroughly mixed. Add desired amount of MANNI-PLEX ZN and agitate until thoroughly mixed. Fill tank with remainder of desired water. A jar test is a good field practice for evaluating compatibility of multiple chemical mixtures.

Caution: Check compatibility with chemical mixtures and high phosphate and alkaline (high pH) solutions.

MANNI-PLEX ZN may effectively be applied with many agricultural chemicals. For unfamiliar tank mix combinations sufficient evaluation to determine efficacy and crop safety may be warranted. Avoid tank mixing with phosphate and/or excessively alkaline based fertilizer solutions. Use a minimum 10 gallons of water per acre with ground spray equipment and a minimum of 2 gallons for aerial application. Optimum rate of application will vary depending on your soil properties such as soil pH, organic matter content, soil texture, weather conditions, time of year, general crop health and species. For best results, follow soil test or plant analysis recommendation.

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