

General Information

Amino Acid Chelated **Manganese PolyAmine™** is manufactured and designed as a soil and foliar nutrient to prevent or correct trace element deficiencies that usually occur when plants are small and may limit crop growth and yields. **Manganese PolyAmine™** is readily available and rapidly absorbed by the plant because of the natural complexing and chelation properties. It is designed for foliar, row, or broadcast application. It is water soluble and nontoxic to plants when applied as directed.

Product Specifications

Amino Acid Chelated **Manganese PolyAmine™** is a yield enhancing formulation that contains biostimulants and amino acid chelated manganese. **Manganese PolyAmine™** enhances plant growth and development by stimulating nutrient uptake, nutrient penetration, and nutrient utilization.

Manganese PolyAmine™ is a proprietary formulation and blend of plant extracts, natural polysaccharides, carboxylic acids, and amino acid chelated manganese. **Manganese PolyAmine™** has also been specially reacted with emulsion polymerization that provides a wide range of mixing ease with other fertilizers or chemicals.

Guaranteed Analysis

Secondary plant food (% by weight)
 Manganese (Mn) 5.6%
(Derived from Manganese Amino Acid Chelate)

ALSO CONTAINS NONPLANT FOOD INGREDIENTS

Biostimulants
 Polysaccharides2.5%
 Organic Acids 3.0%
(Derived from plant extracts and by fermentation)

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

Manganese PolyAmine™
A Chelated Micronutrient & Plant Growth Enhancer



Manufactured by Northwest Agricultural Products
 P.O. Box 3453 - Pasco, WA 99302

509 / 547-8234

Net Contents: 2.5 gallons
 5 gallons

Weight per Gallon: 10.16 lbs.



Directions for Use

Shake Well Before Using. Keep From Freezing.

Apply using a spray method and in an adequate amount of water that will provide complete coverage of the plants. Use of a non-ionic wetting agent may improve spray coverage of certain hard to wet plants. Do Not Apply Undiluted.

Manganese PolyAmine™ can be included in a regular spray program on crops. Consult with a Northwest Ag Products representative on compatibility with other spray materials. The rate of application will depend on the crop, stage of growth, and severity of deficiency. The maximum recommended rates are for mature, full sized plants. Reduce the rates proportionately when spraying smaller plants.

Recommendations

Manganese PolyAmine™ may be used on legumes, grain crops, root crops, cucurbits, cole crops, leafy vegetables, woody and herbaceous ornamentals, deciduous fruits, vine crops, tropical and subtropical fruits, and many other crops.

Field Crops and Vegetables: Apply 8 to 32 fl. oz. per acre during periods of rapid growth or nutritional stress. The applications may be repeated 2 or more times through the growing season.

Tree Crops: Make an application of 8 to 32 fl. oz. per acre after the beginning of active growth. The application may be repeated at 2 to 4 week intervals through the growing season. On deciduous trees, 8 to 32 fl. oz. may be applied in the oil sprays at the delayed dormant stage. Post-harvest application of 8 to 32 fl. oz. may be made while active, green leaves remain on the trees.

Grapes and Berries: Make an application of 8 to 32 fl. oz. per acre after active growth begins. The applications may be repeated at intervals of one week or more through the vegetative growth period.

Turf: Apply 0.5 to 1.0 fl. oz. per 1000 sq. ft. during periods of active growth.

Ornamental Trees, Shrubs, and Flowering Plants: Dilute at a rate of 2 to 32 fl. oz. in 10 or more gallons of water and spray to complete coverage.

PRECAUTIONARY STATEMENTS

In all cases, it is recommended that a small scale test for compatibility be conducted before mixing a full batch.

CONDITION OF SALE

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on this label when used in accordance with directions under normal conditions of use. Since weather, crop, soil, and other conditions may vary, NAP and/or seller makes no warranty of any kind, expressed or implied, concerning the use of this product. The user assumes all risks of use of handling, whether or not in accordance with directions or suggestions.

SHAKE WELL BEFORE USING
CAUTION: KEEP OUT OF THE REACH OF CHILDREN
HARMFUL IF SWALLOWED