

# POLYAMINE MANGANESE ORGANIC

POLYAMINE MANGANESE ORGANIC is a foliar and soil nutrient for vegetable, field, permanent crops and professionally managed landscaping.



F002331

## GUARANTEED ANALYSIS

Manganese (Mn) ..... 5.6%  
5.6% Water Soluble Manganese (Mn)

*Derived from Manganese Amino Acid Complex*

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

## USE PRECAUTIONS - KEEP OUT OF REACH OF CHILDREN

As with all materials, user should exercise precaution to avoid potential phytotoxicity including foliar burning. Caution is advised if applying this product in combination with other materials, a jar test for compatibility is recommended before tank mixing with other products. User assumes full responsibility to ensure product, equipment and plant compatibilities. Personal Protective Equipment. Intended for Agricultural use. Consult Safety Data Sheet for further information. In the event of a spill, clean-up should be done promptly by trained personnel while using pre-planned procedures.

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, AND SWEEP ANY PRODUCT THAT LANDS ON THE DRIVEWAY, SIDEWALK, OR STREET, BACK ONTO YOUR LAWN/GARDEN.

## GENERAL RECOMMENDATIONS

This amino acid complex is manufactured and designed for foliar and soil application to prevent or correct deficiencies that usually occur when plants are small and may limit crop growth and yields. This product is readily available and rapidly absorbed by the plant because of the natural complexing properties. It is designed for foliar, row or broadcast application and is water soluble and non-toxic to plants when applied as directed.

Contact your Certified Crop Advisor for specific recommendations for your area.

## DIRECTIONS FOR USE

This product can be included in a regular spray program on crops. 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.

**SHAKE WELL BEFORE USING. DO NOT APPLY UNDILUTED.** Apply using a spray method in an adequate amount of water that will provide complete coverage of the plants. Use of non-ionic wetting agent may improve spray coverage of certain hard to wet plants.

## APPLICATION RATES

**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 two (2) or more times throughout 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 throughout the growing season. Post-harvest application of 8 to 80 fl. oz. may be made while active, green leaves remain on 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 throughout 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 ten (10) or more gallons of water and spray to complete coverage.

**Air Application:** 6-18 oz. per acre in 3-8 gallons of water.

## IRRIGATION SYSTEM APPLICATION

Applications can be made through certain irrigation systems including, but not limited to, low volume systems and typical agricultural sprinkler systems. The specific injection equipment and irrigation system must conform to all federal, state and local regulations pertaining to the fertilization of plants through an irrigation system. Accurate and properly calibrated injection equipment and an irrigation system that is operated at maximum distribution uniformity will help avoid plant injury and/or product ineffectiveness. For best results, with the exception of center pivot and lateral systems, apply this product toward the end of the irrigation set. Allow sufficient time for the product to be flushed completely out of the entire irrigation system prior to turning off the irrigation water.

## STORAGE AND DISPOSAL

Store in a cool, dry area out of reach of children and animals, as well as out of direct sunlight during storage for extended amounts of time. Store in original container. Keep container tightly sealed when not in use. Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Store at temperatures above 32°F. Dispose of unused product and empty containers in accordance with Federal, State and local regulations.

**Contents: 2.5 gal (9.46 L)**

**Net Wt.: 25.22 lbs. (11.44 kg)**

**Density: 10.09 lbs./gal (1.21 kg/L)**

**Inv. ID: 1000639**

To access Verdesian's Warranty Statement please visit [vlsci.com/limited-warranty](http://vlsci.com/limited-warranty).

Contents and levels of metals information for this product is available on the internet at [aapfco.org/metals.html](http://aapfco.org/metals.html)

In case of emergency call INFOTRAC: 800-535-5053 or INTL INFOTRAC: 352-323-3500



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THE NUTRIENT USE EFFICIENCY PEOPLE®

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A VERDESIAN NUE SOLUTION®