

PolyAmine Manganese

Organic

REV 05/18 C2 GHS
FF 01/209

Target Market
**VEGETABLE, FIELD,
PERMANENT CROPS
&
PROFESSIONALLY
MANAGED
LANDSCAPING**

GUARANTEED ANALYSIS	
Manganese (Mn)	5.6%
5.6% Water Soluble Manganese (Mn)	
Derived from Manganese Amino Acid Complex	
F002331	

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

PRECAUTIONARY STATEMENTS

1% of the mixture consists of ingredient(s) of unknown toxicity.

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. This product is a proprietary formulation that has been specifically reacted with emulsion polymerization that provides a wide range of mixing ease with other fertilizers or chemicals.

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.

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.

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.

WARRANTY

Verdesian Life Sciences U.S., LLC warrants that this Product conforms to the specifications set forth on the label. This Product is reasonably fit for the purpose stated on the label when used in accordance with the label directions and instructions under normal conditions of use.

VERDESIAN NEITHER MAKES, NOR AUTHORIZES ANY AGENT, REPRESENTATIVE OR THIRD PARTY TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, AS TO THE CONDITION, QUALITY, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Neither the warranty of merchantability nor fitness for a particular purpose, expressed or implied, extends to the use of this Product contrary to label instructions or under abnormal conditions or under conditions not foreseeable to the Seller or Verdesian.

Limitation of Remedies. The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability or other legal theories), shall be limited to, at Verdesian's election, one of the following: (1) replacement of the amount of product used; or (2) refund of the purchase price paid for the product; provided that Verdesian's provision of (1) or (2) is conditioned on its first being promptly notified of such loss or damage in writing. Verdesian shall not be liable to the buyer or any other party claiming by, through, or under the buyer for any other losses or damages resulting or relating to this product, including but not limited to any direct, indirect, special, punitive, economic, incidental or consequential damages or loss of profits, whether in contract, tort or otherwise. Verdesian neither assumes, nor authorizes any person to assume for it, any other liability in connection with the sale, storage, use or handling of this product other than expressly set forth herein.



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

This product is manufactured by:
Verdesian Life Sciences, U.S., LLC 1001 Winstead Drive, Suite 480, Cary, NC 27513
Customer Service: 800-868-6446



Target Usage/
Application
**FOLIAR OR SOIL
NUTRIENT**