

# Micro-Iron 4% Chelate™

REV 04/17 00 GHS  
FFN 00057

7-0-0

## GUARANTEED ANALYSIS

Total Nitrogen (N).....	7.00%
7% Ammoniacal Nitrogen	
Sulfur (S).....	3.00%
Iron (Fe).....	4.00%
4% Chelated Iron	
Derived from aqua ammonia and ferrous sulfate chelated with EDTA and citric acid.	

FOQ2331

## DANGER

Harmful if swallowed. Causes severe skin burns and eye damage. Causes serious eye damage.



## PRECAUTIONARY STATEMENTS

Do not breathe mists, vapors, and/or spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.  
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Specific treatment, see supplemental first aid information.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician if you feel unwell. Do NOT induce vomiting. Rinse mouth.  
Store locked up. Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

## GENERAL INFORMATION

Micro-Iron 4% Chelate contains 4% fully chelated iron in a form readily available to plants. It is recommended for use as an additive to liquid fertilizer or can be used as foliar spray. Micro-Iron 4% Chelate is compatible with most agricultural chemicals that may be used in combination with liquid fertilizer. Micro-Iron 4% Chelate is most effective when placed in the root zone during planting or moved into the soil by irrigation, tillage, or rainfall. To ensure proper yields, it is important that the iron deficiency be treated before visual symptoms appear. Rates of application must be adjusted according to the severity of the deficiency, climate and soil condition, and method of application.

## DIRECTIONS FOR USE KEEP OUT OF REACH OF CHILDREN SHAKE WELL BEFORE USING

Micro-Iron 4% Chelate pour recommended amount into partly filled spray tank. Add balance of water to fill tank. Keep agitated while filling and spraying. Flush all spray equipment after use. In all cases, it is recommended that a jar test for compatibility be conducted before mixing a full batch.

## APPLICATION RATES AGRICULTURAL CROPS

**Soil Application:** Apply 1 to 2 gallons of Micro-Iron 4% Chelate per acre. It can be mixed and applied with compatible liquid fertilizers or water.

**Field & Vegetable Crops - Foliar Spray:** Apply 1 to 2 quarts per acre in at least 25 gallons of water early in the growing season. This treatment should be repeated if crops continue to show iron deficiencies.

**Grains & Grasses - Foliar Spray:** Apply 1 to 2 pints per acre in 10 gallons of water to assure thorough coverage. Make first application at tillering and second application 14 to 20 days later.

For best results, spray when the crop is in active growing state (after irrigation or rainfall). Spray in early morning or late afternoon. Mid-day sprays may not be effective because of excessive moisture evaporation.

**Orchard Crops - Foliar Spray:** Apply 2 to 4 quarts per acre in at least 100 gallons of water early in the growing season. Repeat if crops continue to show iron deficiencies.

## ORNAMENTALS

**Injection Systems:** This product may be applied through an injection system to the crops listed below at a maximum concentration of 5 to 100 ppm.

## SHRUBS & VINES

**Foliar:** Apply 2 quarts per 100 gallons of water and spray to point of run-off. For smaller quantities apply 1 oz per 1 gallon of water.

**Soil:** Apply 5 to 8 oz per 3 gallons of water for small shrubs. Apply directly underneath the shrub and water in well.

## ANNUAL & PERENNIAL FLOWERS

**Foliar:** Apply 1/2 pint per 25 gallons of water and spray to point of run-off. For smaller quantities apply 2 oz per 3 gallons of water.

**Soil:** Apply 4 to 6 oz per 3 gallons of water per 100 sq. ft. and water in well.

## TREES & LARGE WOODY SHRUBS

**Foliar:** Apply 1 gallon per 100 gallons of water and spray to point of run-off. For smaller quantities apply 1 1/4 oz per 1 gallon of water.

**Soil:** Apply 1 pint per 1 inch trunk diameter (at chest height) to the soil within the drip line. Water thoroughly after application.

**Turf:** Apply 1 pint per 1,000 sq. ft. with sufficient water for good coverage. Spray to the point of run-off. Repeat every 3-4 weeks until grass goes into dormancy.

## 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.

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**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.

## Target Market

VEGETABLE,  
FIELD,  
ORNAMENTALS,  
AND PERMANENT  
CROPS

## Target Usage/ Application

SOIL OR  
FOLIAR NUTRIENT

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

This product is manufactured by:

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

Contents: 265 gal (1003.13 L)  
Density: 9.78 lbs./gal (1.17 kg/L) at 68° F (20° C)

Net Wt.: 2583.8 lbs. (1173.7 kg)  
Inv. ID: 0001086-000  
Lot # 0057 14118

