

# CHE-IRON 4.5%

PEEL BACK BOOK HERE ▲



MICRONUTRIENT

**GUARANTEED ANALYSIS:**

Iron (Fe) ..... 4.5%  
4.5% Chelated Iron

DERIVED FROM: Iron EDTA  
Chelated Iron per gallon 0.5 lbs.

**F3013**

TOXICITY END POINTS FOR THIS PRODUCT EXCEED GHS CLASSIFICATION

**PRECAUTIONARY STATEMENTS**

If medical advice is needed, have product container or label on hand.  
Keep out of reach of children.  
Read label before use.

In case of emergency call CHEMTREC 1-800-424-9300

SPECIMEN



**NET CONTENTS: 2.5 Gal (9.46 L)**  
**NET WEIGHT: 28.25 lb (12.81 kg)**  
**DENSITY: 11.3 lb/gal @ 68 °F**



**INNICTIS  
BIOSCIENCE™**  
PLANT HEALTH TECHNOLOGIES  
P.O. Box 9296, Boise, ID 83707

RD012221

## PRODUCT INFORMATION

CHE-IRON 4.5% chelated micronutrient is fully chelated and in a form readily available to plants. It is recommended for use as an additive in dry or liquid fertilizer. CHE-IRON 4.5% is also compatible with most pesticides. Use the standard jar test to determine compatibility. CHE-IRON 4.5% is most effective when placed in the root zone during planting or moved into the soil by irrigation, tillage or rainfall. Soil application is the preferred method of application, although CHE-IRON 4.5% may also be used as a foliar spray. It is important to treat the iron deficiency before visual symptoms appear to insure proper yields. Rates of application will vary depending upon the severity of the deficiency, climate, soil type, and method of application. Use in accordance with label instructions and/or the recommendations of a qualified individual or institution such as, but not limited to, a certified crop advisor, agronomist, university crop extension publication, or apply according to recommendations in your approved nutrient management plan. Avoid applying this product when plants are suffering from moisture stress.

## DIRECTIONS FOR USE

**SOIL APPLICATION:** CHE-IRON 4.5% can be applied alone or in combination with dry or liquid fertilizer for preplant, starter or side dress applications. For most effective treatment of row crops, make soil application in a band at planting time or as a side dressing shortly after planting. For trees or individual plants, CHE-IRON 4.5% may be diluted or sprinkled directly on the soil uniformly under the plant's drip line, then watered in.

**FOLIAR APPLICATION:** CHE-IRON 4.5%, when diluted with water according to label recommendations can be applied as a foliar spray. Thorough coverage and use of wetting agents often enhance nutrient uptake from foliar sprays. After the correct dilution has been made the spray solution should be buffered to a pH of 6 - 6.5.

**CAUTION:** Foliar sprays of CHE-IRON 4.5% should not be considered a substitute for soil application but rather a supplement or temporary measure to correct the iron deficiency. If label instructions are not followed for foliar application, phytotoxicity may occur.

## APPLICATION RATE RECOMMENDATIONS

**FIELD CROPS (including alfalfa, beans, corn, forage grasses, potatoes, rice, safflower, sorghum and sugar beets):**

**Soil:** Apply 2 - 10 quarts per acre.

**Foliar:** Apply 1/2 - 1 quart per acre in a minimum of 25 gallons of water.

**TREE AND VINE CROPS (including almond, apple, apricot, avocado, berry, cherry, citrus, grape, mango, olive, pear, peach, pistachio, plum and walnut):**

**Soil:** Apply 2 - 12 quarts per acre. Spread material uniformly around the tree and vines and water in thoroughly for a rapid response.

**Foliar:** Apply 1/2 - 1 quart per acre in a minimum of 25 gallons of water. For all crops except citrus, apply as a dormant spray before bloom, then again after full bloom. For smooth skin fruits (peach, pear, apple, etc.) use the lower rate in 50 - 100 gallons of water per acre. For citrus, apply as a cover spray in a minimum of 100 gallons of water, anytime except during bloom.

**VEGETABLE CROPS (including beans, carrots, celery, corn, cucumbers,**

**lettuce, melons, onions, peas, peppers, potatoes):**

**Soil:** Apply 2 - 10 quarts per acre.

**Foliar:** Apply 1/2 - 1 quart in a minimum of 25 gallons of water.

## STORAGE & DISPOSAL

Store product in original container tightly closed, upright, in a dry place. Store above 32°F. DO NOT contaminate water, food or feed by storage or disposal. Triple rinse or equivalent and dispose of container in accordance with local, state and federal regulations.

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

## WARRANTY, DISCLAIMER AND LIMITATION OF DAMAGES

INNICTIS BioScience Plant Health Technologies warrants only that this product conforms to the product description on the label and is reasonably fit for the purposes stated in the Directions For Use. The Directions for Use of this product are believed to be adequate and must be followed carefully. It is, however, impossible to eliminate all risks associated with this product. Crop injury, ineffectiveness, or other unintended consequences may result due to such factors as weather conditions, presence or absence of other materials, or the manner or use or application, all of which are beyond the control of INNICTIS BioScience Plant Health Technologies. All such risks must be assumed by the buyer or user. Except as warranted on this label, INNICTIS BioScience Plant Health Technologies makes no representation, warranty or guarantee, whether expressed or implied including, but not limited to, warranty of merchantability, fitness for a particular purpose, or otherwise. No agent or representative of INNICTIS BioScience Plant Health Technologies or the seller of the product is authorized to amend the terms of this Warranty disclaimer or the product's label or to make a representation or recommendation different or inconsistent with the label of this product. To the extent consistent with applicable law, INNICTIS BioScience Plant Health Technologies' maximum liability for breach of its warranty or for use of this product, regardless of the form of action, shall not exceed the purchase price of this product. To the extent permitted by applicable law, INNICTIS BioScience Plant Health Technologies shall not be liable for consequential, special or indirect damages resulting from the use, handling, application, storage, or disposal of this product or for damages in the nature of penalties, and the buyer and the user waive any right that they may have to such damages. If the warranty and liability limitations or disclaimer are not acceptable, return the unopened container to the place of purchase for full refund. To the extent not inconsistent with applicable law or the label, the purchase, delivery, acceptance and use of this product by the buyer is subject to the terms and conditions of seller's sales invoice for this product.

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