

# ULTRA-CHE<sup>®</sup> IRON 4.5% HEDTA

A chelated micronutrient to prevent and correct iron deficiencies  
in crops and ornamentals

**2-0-0**

## GUARANTEED ANALYSIS

Total Nitrogen (N).....	2.0%
2.0% Water Soluble Nitrogen	
Iron (Fe).....	4.5%
4.5% Chelated Iron (Fe)	

Derived from Iron HEDTA

## **CAUTION**

### **KEEP OUT OF REACH OF CHILDREN**

May cause eye irritation. In case of contact with eyes and/or skin, immediately flush with plenty of water and seek medical attention.

## **STORAGE and DISPOSAL**

Do not store below 40°F. If frozen, warm to room temperature and mix vigorously. Store out of direct sunlight and store in a cool location. Store this product in stainless steel, fiberglass, polyethylene, or certain other plastic materials. Copper or any of its alloys (brass or bronze) should never be used in any chelate handling system. Aluminum tanks are not recommended for storage of this product. Check with equipment manufacturer for compatibility of components prior to use with this product. **Note:** Do not mix or contaminate any EDTA type chelates with strong acid materials. Dispose of empty containers by triple rinsing and discard empty containers in a landfill in accordance with current local, state, and federal regulations.

## **PRECAUTIONS**

Avoid application under extreme climate conditions such as rapid drying, extremely slow drying, frost, rains or when weather fronts or rain are anticipated. There is a risk of leaf scorch following application during slow drying conditions (high spray volume, cloudy weather, etc.). Use eye protection and protective clothing when handling undiluted product, to minimize exposure. Clean all equipment before and after use.

## **GENERAL INFORMATION**

This product is recommended to prevent or correct iron deficiencies. This should be used on the basis of a soil and/or tissue analysis.

### **Mixing Instructions:**

1. Put 1/3 water or fertilizer in tank.
2. Add other pesticides\*.
3. Fill tank with balance of water or fertilizer.
4. Add **ULTRA-CHE Iron 4.5% HEDTA**.
5. Agitate adequately to mix.

**ULTRA-CHE Iron 4.5% HEDTA** is generally compatible with pesticides and fertilizer solutions. It is always advisable to test for compatibility on a small scale before tank mixing product.

F1683

Distributed and Guaranteed by:  
Winfield Solutions, LLC  
P.O. Box 64589  
St. Paul, MN 55164-0589

WEIGHT PER GALLON: 10.8 lbs. (4.9 kg)  
NET CONTENTS: 2.5 gal. (9.46 L)  
NET WEIGHT: 27 lbs (12.25 kg)

1/0413/7

# WINFIELD™

## VEGETABLE CROPS

**ALL VEGETABLES (such as Artichokes, Beans, Blackeyed Peas, Broccoli, Brussels Sprouts, Cabbage, Carrots, Cauliflower, Celery, Cucumbers, Eggplant, Lettuce, Melons, Mustard, Onions, Parsnips, Peas, Peppers, Radishes, Spinach, Squash, Tomatoes and Others):**

**Soil:** Band or sidedress 1 to 8 qts. per acre at or near planting time. Rate will depend on soil conditions and extent of iron deficiency.

**Foliar:** Do not make foliar applications to above crops.

## FIELD CROPS

**BEANS (including Soybeans and Dry Edible Beans): Soil:** Apply 1 to 8 qts. per acre as a soil injection or band application just prior to, or at planting, or as a sidedressing within a few weeks after planting. **Foliage:** Apply 1 qt. per acre as a cover spray between the 2nd and 4th trifoliolate stage. Repeat application at regular intervals throughout the growing season where deficiencies are known to occur. Application of this product directly on the seed has shown to sometimes impact germination.

**CORN: Soil:** Band, sidedress or broadcast 1 to 8 qts. per acre preplant, at planting or within 2 weeks after emergence, or when deficiency symptoms first appear. **Foliage:** Apply 1 qt. per acre in sufficient water for thorough coverage. Several applications are preferred over a single application.

**COTTON: Soil:** Apply 1 to 8 qts. per acre as a soil injection just prior to planting or as a sidedress within a few weeks after planting. **Foliage:** Apply 1 qt. per acre in sufficient water to assure thorough coverage. Apply when cotton is 6 to 12 inches and repeat application throughout the growing season. **CAUTION:** Foliar applications may injure young cotton plants under 6 inches high, especially if applied during hot, dry daytime conditions.

**POTATOES: Soil:** Apply 1 to 8 qts. per acre as a band, or broadcast application at or near planting, or as a sidedress application within 2 weeks of emergence, or as soon as deficiency symptoms first appear. **Foliage:** Apply 1 qt. per acre in sufficient water for thorough coverage.

**RICE: Soil:** Apply 1 to 8 qts. per acre as preplant, broadcast based application based on soil test. **Foliage:** Apply 1 qt. per acre in sufficient water to assure thorough coverage post emergence to rice seedlings.

**OTHER FIELD CROPS (such as Alfalfa, Field Peas, Mint, Peanuts, Small Grain, Sugar Beets, Sugar Cane): Soil:** Apply 1 to 8 qts. per acre at, or near planting, or as a sidedress application within a few weeks of emergence, or as soon as deficiency symptoms first appear. **Foliage:** Apply 1 qt. per acre in sufficient water for thorough coverage. Repeated applications are preferred to single applications, especially if deficiencies are known to occur.

## FRUIT AND NUT CROPS

**ALMONDS: Soil:** In early spring, apply 1/2 qt. to 2 qts. per tree.

**APPLES and PEARS: Soil:** In early spring, apply 1/2 to 3 qts. per tree depending on tree size and deficiency.

**APRICOTS, NECTARINES, PEACHES, PLUMS and PRUNES: Soil:** In early spring, apply 1/2 to 3 qts. per tree depending on tree size and deficiency.

**CITRUS: Soil:** In early spring, apply 1 to 2 qts. per tree.

**GRAPES: Soil:** In early spring, apply 1 to 5 qts. per acre depending on vine size and deficiency.

**PECANS: Soil:** In early spring, apply 1 to 4 qts. per tree depending on tree size and deficiency.

**STRAWBERRIES: Soil:** Apply 1 to 4 qts. per acre at planting or when new leaf growth appears, or when deficiency symptoms first appear. **WALNUTS: Soil:** In early spring, apply 1 to 4 qts. per tree depending on tree size and extent of chlorosis.

**OTHER NUT and FRUIT CROPS:** In early spring, apply 1/2 to 2 qts. per tree, depending on tree size and deficiency.

Do not make foliar applications to any fruit or nut crops during bloom or when fruit is present.

## OTHER CROPS AND USES

**ORNAMENTALS, CONTAINER GROWN TREES and SHRUBS AND FIELD GROWN NURSERY STOCK: Soil:** Apply 1 to 4 oz. per 100 sq. ft. Repeat application at fertilization or regular intervals. **Foliage:** Apply 1 qt. per acre as a thorough cover spray.

**GREENHOUSE-GROWN CHRYSANTHEMUMS, ROSES, CARNATIONS, and POTTED FLORAL PLANTS:**

**Soil Only:** Apply 1 to 3 oz. per 100 sq. ft. at regular intervals with fertilizer or drip irrigation.

**TURF GRASSES:** Apply 2 to 8 fl. oz. per 1,000 sq. ft. with water. Make 3 to 5 applications per year, depending on need and the fertilization program in your region. Spray volumes can range from 1 to 4 gallons per 1,000 sq. ft. for adequate coverage. May be used on all turf grasses including: bluegrass, perennial ryegrass, and other northern grasses, bahiagrass, tall fescue, seashore paspalum grass, St. Augustine grass, zoysia grass, centipede grass, bentgrass and bermudagrass.

**For Turfgrass Applications:** 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.

#### **APPLICATION WITH IRRIGATION WATER**

**PIVOT, SPRINKLER, OVERHEAD AND SOLID SET IRRIGATION:** For best results apply within 2 weeks of planting and before flowering using 1 to 4 qts. per acre, or the dosage rates and timing recommended for crops shown above. This product may be mixed with most liquid fertilizers or pesticides before injection. Use a back-flow check valve to prevent material from backing into water system.

**Note for use in Wisconsin:** Iron deficiency has rarely been observed on field or vegetable crops in Wisconsin, except that iron chlorosis has occasionally been observed on soybeans grown on alkaline soils (pH above 7.0). Do not use this product on crop listed on this label unless plant analysis or visual deficiency symptoms have confirmed an iron deficiency. For further information on confirming iron deficiencies, contact University of Wisconsin Extension personnel.

Information regarding the contents and levels of metals in this product is available on the Internet at:

<http://www.aapfco.org/metals.htm>

#### **WARRANTY DISCLAIMER**

Winfield Solutions, LLC warrants only that the chemical composition of this product conforms to the ingredient statement given on the label, and that the product is reasonably suited for the labeled use when applied according to the Directions for Use. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, NOR IS ANY REPRESENTATIVE OF SELLER AUTHORIZED TO MAKE ANY SUCH WARRANTY OR MODIFY THESE TERMS. This warranty does not extend to the storage, handling or use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Seller, and Buyer assumes the risk of any such storage, handling or use. Seller shall not be responsible for incidental or consequential damages, if any, resulting from a breach of warranty.

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