



# EDTA 3% CALCIUM

## 2-0-7

### FULLY CHELATED MICRONUTRIENT

FOR THE PREVENTION AND CORRECTION OF CALCIUM DEFICIENCIES IN FRUIT, NUT, VEGETABLE, AND FIELD CROPS

#### GUARANTEED ANALYSIS

Total Nitrogen (N).....	2.00%
2.00% Ammoniacal Nitrogen	
Soluble Potash (K <sub>2</sub> O).....	7.00%
Calcium (Ca).....	3.00%
3.00% Chelated Calcium	

DERIVED FROM: Potassium Hydroxide and Calcium EDTA.

#### KEEP OUT OF REACH OF CHILDREN PRECAUTION

Do not ingest. Avoid contact with skin, eyes, or clothing.  
Avoid breathing dust, vapor or mist.

#### FIRST AID

In all cases, call a poison control center or doctor for further treatment advice.

**IF SWALLOWED**, call a poison control center or doctor immediately. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person. **IF ON SKIN**, take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. **IF INHALED**, move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration. **IF IN EYES**, hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.

For chemical spills, leaks, fire or exposure, call CHEMTREC: (800) 424-9300.

#### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Store in a safe manner. Store in original container only and keep tightly sealed when not in use. RNA EDTA 3% CALCIUM may be stored in stainless steel, plastic, fiberglass, polyolefin, polyethylene, or tanks treated with rubber, glass, or epoxy. Avoid storage in mild steel as precipitation and loss of chelation may occur. Dispose of unused product and empty containers in accordance with federal, state and local regulations.

#### GENERAL INFORMATION

RNA EDTA 3% CALCIUM is designed for application to the soil or directly to the plant. RNA EDTA 3% CALCIUM is water soluble and moves well in the soil solution. RNA EDTA products may be applied separately or in combination with fertilizers or pesticides.

##### Function of Calcium in the Plant

Calcium is critical for several important functions in plants, though the exact mechanisms for these processes are not well understood. Commonly referred to as a structural nutrient, calcium is important for the formation of new cells, for cell elongation at root tips and meristems as well as for fruit and produce quality. Calcium also plays a role in nitrate uptake and carbohydrate translocation. Calcium tends to be relatively immobile in plant tissues so a constant supply of calcium throughout the growing season is important. Applications of RNA EDTA 3% CALCIUM are preferred prior to and during periods of rapid plant growth and fruit and seed growth on vegetables and fruit.

#### DIRECTIONS FOR USE

RNA EDTA 3% CALCIUM is recommended for the following crops and most other vegetable, field, row, nut, and fruit crops:

Alfalfa	Carrots	Grasses	Peaches	Rice
Almonds	Celery	Hops	Peanuts	Safflower
Apples	Cherries	Lettuce	Pears	Soybeans
Apricots	Citrus	Melons	Peas	Spinach
Artichokes	Cole Crops	Milo	Pecans	Strawberries
Asparagus	Corn	Mint	Peppers	Sugar Beets
Avocado	Cotton	Nectarines	Pineapple	Sugar Cane
Barley	Cranberries	Nursery Stock	Pistachios	Sweet Corn
Beans (all)	Cucumbers	Oats	Plums	Tomatoes
Boysenberries	Cucurbits	Olives	Pomegranates	Turfglass
Brassicas	Figs	Onions	Potatoes	Walnuts
Broccoli	Garlic	Ornamentals	Prunes	Watermelons
Brussels Sprouts	Grapes	Pasture/Range Grass	Rape	Wheat

##### RECOMMENDATIONS FOR TREE FRUIT AND NUT CROPS

**PRE-BLOOM APPLICATIONS:** Ground: Application of RNA EDTA 3% CALCIUM may be made with oil dormant/delayed dormant or with existing fungicide program pre-bloom up to 1 quart per 100 gallons of water. Air: Aerial application of RNA

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

EDTA 3% CALCIUM may be made with oil dormant/delayed dormant or with existing fungicide program pre-bloom up to 1 quart per acre with sufficient water for thorough coverage. **Caution:** Combined application rates of EDTA chelates may not exceed 1½ quarts per 100 gallons of water by ground application or 1½ quarts per acre by aerial application.

**POST-BLOOM COVER SPRAYS:** Ground: Apply RNA EDTA 3% CALCIUM up to 1 quart per 100 gallons of water by ground application. Air: Apply up to 1 quart per acre by aerial application with sufficient water for thorough coverage. Start applications prior to rapid fruit growth and continue applications until harvest. **Caution:** Do not apply EDTA products post-bloom to easily damaged crops such as plums or table grapes. Please consult your Pest Control Advisor for crops sensitive to foliar applications in your area.

**SOIL APPLICATIONS:** Foliar applications of EDTA products for deciduous and evergreen trees are preferred over soil applications. Apply 1-3 gallons per acre with pesticides, fertilizers, or irrigation water (emitters, drip, or overhead) during active growing season.

##### RECOMMENDATIONS FOR ROW, FIELD AND VEGETABLE CROPS

Application of RNA EDTA 3% CALCIUM is recommended prior to and during rapid fruit or seed development. Continuous applications are preferred over a single application. **Foliar:** Apply up to 1 quart per acre with sufficient water for thorough coverage with fertilizer or irrigation (drip, overhead or emitter) at 1-8 quarts per acre. RNA EDTA 3% CALCIUM may be applied preplant, during planting or post-emergence as broadcast, layby, shanked, or banded application. Foliar applications of RNA EDTA 3% CALCIUM are preferred over soil applications due to the low stability constant of calcium EDTA products.

#### COMPATIBILITY

**FERTILIZER COMPATIBILITY:** RNA EDTA 3% CALCIUM is compatible with most slightly acidic to moderately alkaline fertilizers (pH range of 3.0-11.0). RNA EDTA 3% CALCIUM is not compatible with acid-based fertilizers such as combinations of phosphoric, sulfuric, and urea-phosphoric acid solutions. **PESTICIDE COMPATIBILITY:** RNA EDTA 3% CALCIUM is compatible with most pesticides including insecticides, herbicides, fungicides, acaricides, and other foliar nutrients. RNA EDTA 3% CALCIUM may be incorporated into an existing spray program. Please add RNA EDTA 3% CALCIUM before adding the pesticide to the spray solution. Always jar test new combinations for compatibility prior to field mixing.

Conditions of Sale and Limitation of Warranty and Liability:

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of the product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of many different factors including, without limitation, manner of use or application, weather, combination with other products, or crop conditions. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Manufacturer and Seller harmless from any claims relating to such factors.

**Seller warrants that this product conforms to the chemical description on the label. EXCEPT FORTHIS WARRANTY, THE PRODUCT IS FURNISHED "AS-IS," AND NEITHER SELLER NOR MANUFACTURER MAKES ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO THE SELECTION, PURCHASE OR USE OF THIS PRODUCT; SELLER AND MANUFACTURER SPECIFICALLY DISCLAIM ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Buyer and User accept all risks arising from any use of this product, including without limitation uses contrary to label instructions, under abnormal conditions, or under conditions not reasonably foreseeable to (or beyond the control of) Seller or Manufacturer.**

To the extent permitted by law, neither Manufacturer nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE BUYER OR USER, AND THE EXCLUSIVE LIABILITY OF MANUFACTURER AND SELLER, FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THIS PRODUCT, OR, AT THE ELECTION OF MANUFACTURER OR SELLER, THE REPLACEMENT OF THE PRODUCT.

These Conditions of Sale and Limitation of Warranty and Liability shall be interpreted in accordance with the laws of the State of California, excluding its conflicts of laws rules, and may not be amended by any oral or written agreement.

K-031717

Manufactured by: RNA

22312 Railroad Avenue, San Joaquin, CA 93660

#### DO NOT STORE BELOW 25 DEGREES FAHRENHEIT

TOTAL CALCIUM AS ELEMENTAL: 0.31 POUNDS PER GALLON  
CHELATED CALCIUM AS ELEMENTAL: 0.31 POUNDS PER GALLON

NET CONTENTS:

GALLONS/Liters • WEIGHT PER GALLON: 10.3 POUNDS at 68°F