



# 13% CALCIUM

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### Clear Calcium Solution for Foliar Application

#### GUARANTEED ANALYSIS

Total Nitrogen (N).....	5.00%
5.00% Nitrate Nitrogen	
Calcium (Ca).....	13.00%

DERIVED FROM: Calcium Nitrate and Calcium Chloride.

### 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. Dispose of unused product and empty containers in accordance with federal, state and local regulations.

#### GENERAL INFORMATION

**RNA 13% CALCIUM** is a clear solution specifically formulated for foliar application with an existing crop protection program. **RNA 13% CALCIUM** is non-phytotoxic when used at labeled rates. **RNA 13% CALCIUM** has a low pH.

#### FUNCTION OF CALCIUM IN THE PLANT

The function of calcium in the plant is not clearly understood. Calcium may be utilized by the plant as an ion regulator, aid in nitrogen uptake, cell elongation, and fruit formation. Calcium is a secondary nutrient and unlike micronutrients, high quantities are required by plants. Plants utilize 20-250 pounds of calcium per acre per growing season depending upon crop and yield. Applications of **RNA 13% CALCIUM** are preferred prior to rapid fruit or seed development on vegetables or fruit. Common deficiencies of calcium produce blackheart of celery, tipburn of lettuce, internal tipburn of cabbage, blossom-end rot of tomatoes and peppers, cavity spots of carrots and parsnips, bitter pit of apples, cracking of sweet cherries, cork spots of Anjou pears, and water-berry of grapes.

#### DIRECTIONS FOR USE

**RNA 13% CALCIUM** is recommended for foliar applications to field, row, vegetable, fruit and nut crops, and vines. It is not intended to be used as a soil application, unless applied with an acid-based fertilizer in a band or drip irrigation. Do not apply in combination with phenoxy-type herbicides, copper or zinc fungicides, or any other crop protection materials that are adversely affected by a low pH. **Do not apply more than 1.2 pints per 10 gallons of unbuffered water by air or ground application.**

**ROW AND FIELD CROPS:** Apply 2-4 quarts per acre prior to first and second fruit set with existing crop protection program.

**FIELD GROWN AND GREENHOUSE GROWN ORNAMENTALS AND FLOWERS:** Not recommended for application to any field grown ornamentals, flowers or greenhouse grown plants.

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

**TREE FRUIT AND NUTS:** Apply 2-4 quarts per acre beginning shortly after bloom and repeat at 20 to 30-day intervals or as required to increase solids. Do not apply as a post-bloom application to plums or other fruit or nuts susceptible to injury.

**GRAPES:** Apply 1-4 quarts per acre prior to or shortly after bloom and continue applications every 20-30 days up to 30 days before harvest.

**VEGETABLES:** Apply 1-2 pints per acre with existing crop protection program. Start applications prior to rapid vegetable growth or flowering.

#### COMPATIBILITY

Always jar test new combinations for compatibility prior to field mixing.

**Do not add any additional acid-based or citric acid-based buffering or acidifying agents to the spray solution when using RNA 13% CALCIUM.** To decrease potential phytotoxicity, use only with a non-penetrating, anionic surfactant such as RNA Anionic Spreader-Binder or similar product.

#### 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 FOR THIS 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-040317

Manufactured by: **RNA**  
22312 Railroad Avenue, San Joaquin, CA 93660

SALT-OUT TEMPERATURE LESS THAN -10°F

**NET CONTENTS: [ ] GALLONS/Liters**  
**WEIGHT PER GALLON: 12.35 POUNDS at 68°F • pH 2**