



NutriSync[®]

Calcium

4-0-0

10.00% CALCIUM FOLIAR NUTRIENT
FOR THE PREVENTION AND CORRECTION OF CALCIUM DEFICIENCIES IN CROPS

GUARANTEED ANALYSIS

Total Nitrogen (N)	4.00%
4.00% Nitrate Nitrogen	
Calcium (Ca)	10.00%

Derived from: Calcium Nitrate and Calcium Chloride

When used as directed, this product does not supply all nutrients required by plants and is to supplement a fertility program based on tissue analysis or soil tests.

Before using this product, read all precautions, directions for use, conditions of sale-limited warranty and limitations of liability and remedies.

FOR AGRICULTURAL AND PROFESSIONAL USE ONLY

KEEP OUT OF REACH OF CHILDREN



WARNING

Causes skin irritation. Causes serious eye irritation.

F1548

STORE IN COOL AND DRY CONDITIONS



Density: 11.58 lbs/gallon @ 68 °F
Liquid Measure: 250 gallons (946.35 liters)
Net Weight: 2,895.00 lbs (1,313.15 kg)
Product code: 1000678120



Density: 11.58 lbs/gallon @ 68 °F
Liquid Measure: gallons (liters)
Net Weight: lbs (kg)
Product code: 1000700190

FIRST AID

If in **eyes**: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. If on **skin**: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice. If **swallowed**: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person. If **inhaled**: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT, CALL 1-866-944-8565.

GENERAL INFORMATION

NUTRISYNC[®] CALCIUM is a clear liquid solution containing 10% Calcium. NUTRISYNC CALCIUM is designed for foliar application to correct deficiencies and supplement high yield nutrient demand.

EQUIPMENT

Brass, copper and galvanized metals may be subject to mild corrosion from prolonged or repeated contact with this product.

COMPATIBILITY

NUTRISYNC CALCIUM can be applied alone or with other compatible spray materials. Ammonium polyphosphate fertilizers tend to be more compatible than orthophosphate types. Including some polyphosphate in the mixture often improves compatibility of orthophosphates.

Proposed mixtures should be evaluated in a jar test before full scale use. Fertilizer based mixtures that also contain pesticides should be sprayed as soon as possible.

Note: When combining NUTRISYNC CALCIUM with phosphate fertilizers vigorous agitation is required for good product mixing. See mixing directions below for more information.

CROP SAFETY

This product has been tested on a number of crop varieties with no phytotoxicity observed at labeled rates; however, this product has not been tested on all varieties and cultivars. Due to the large number of plant species and their associated varieties or cultivars, and due to variable growing conditions, it is impossible to test every plant for tolerance to this product. It is the responsibility of the user to determine if this product can be used safely prior to commercial use. In a small test area, test the specified rates on plants for phytotoxicity prior to general use. Before using any tank mix, test the combination on a small portion of the crop to be treated to ensure that a phytotoxic response will not occur as a result of application. Treat a small group of target crop including plant cultivars and evaluate for 3 to 7 days prior to making an application to your entire crop.

APPLICATION DIRECTIONS

For best results, foliar applications of NUTRISYNC CALCIUM should be made when temperatures are below 90 °F and foliage is dry. Consult your state Agricultural Experiment Station, or Extension Agent for additional information on rates, timing of application and phytotoxic sensitivity of varieties or hybrids.

MIXING INSTRUCTIONS

1. Add NUTRISYNC CALCIUM to water and start agitation.
2. Add pesticides or other nutrients.
3. Fill tank and agitate thoroughly.

RATES: DIRECTIONS FOR USE

Apply as needed based on soil or tissue analysis results, or according to recommendations in your nutrient management plan.

APPLICATION INFORMATION

NUTRISYNC CALCIUM may be applied to a wide variety of agricultural, turf and ornamental crops. Calcium requirement of most crops is greatest during periods of fruit development. Application of NUTRISYNC CALCIUM should be made based on performance experience, or a tissue analysis indicating a need for Calcium. Optimum uptake of NUTRISYNC CALCIUM is achieved when tank-mix concentrations are in a range of 1.0 to 5.0 gallons per 100 gallons of carrier.

DIRECTIONS FOR USE

Uses include but are not limited to the research verified crop specific directions in the table below.

CROP	APPLICATION RATE PER ACRE	APPLICATION METHOD TIMING	REMARKS
Root & Tuber Veg. (01) Beets, Potato, etc.	2.0 to 8.0 pts	<u>1st application at tuber initiation.</u> Can repeat as needed every 10 to 14 days until senescence.	
Bulb Veg. (03) Garlic, Onions, etc.	1.0 to 4.0 pts	<u>1st application at bulb initiation.</u> Can repeat as needed every 14 to 21 days.	
Leafy Veg. (04) Lettuce (Head, Leaf), etc.	1.0 to 4.0 pts	<u>1st application after thinning, or 3- to 4-leaf stage.</u> Can repeat as needed every 14 to 21 days.	

Directions for use cont'd.

CROP	APPLICATION RATE PER ACRE	APPLICATION METHOD TIMING	REMARKS
Brassica Veg. (05) Broccoli, Cauliflower, etc.	1.0 to 4.0 pts	<u>1st application after thinning, or 3- to 4-leaf stage.</u> Can repeat as needed every 14 to 21 days.	
Legume Veg. (06) All beans, Soybeans	1.0 to 4.0 pts	1st application at v3 to v4. <u>Initial pod set.</u> Can repeat as needed every 10 to 14 days until senescence.	
Fruiting Veg. (08) Peppers, Tomato, etc.	2.0 to 4.0 pts	<u>1st application at first bloom.</u> Can repeat as needed every 10 to 14 days until harvest.	
Cucurbit Veg. (09) All Melons, Cucumber, Squash, etc.	4.0 to 8.0 pts	<u>1st application at first bloom.</u> Can repeat as needed every 10 to 14 days until harvest.	
Citrus (10)	4.0 to 8.0 pts	<u>1st application at 1st bloom.</u> Can repeat as necessary every 14 to 21 days until harvest.	
Pome Fruit (11) Apples, Pears, etc.	2.0 to 16.0 pts	Beginning at petal fall and continue in cover sprays until fruit ripening. NUTRISYNC CALCIUM at 1 part per 50 (finished spray) every 28 days as part of an alternate Calcium program works well also.	Inclusion of NUTRISYNC CALCIUM 3 or more times per season in a cover spray program has helped greatly to reduce incidence of Bitter Pit.
Stone Fruit (12) Peaches, Plums, etc.	4.0 to 8.0 pts	<u>1st application at first bloom.</u> Can repeat as necessary every 14 to 21 days until harvest.	
Berry, Small Fruit (13) All Berries, etc.	2.0 to 6.0 pts	<u>1st application at first bloom.</u> Can repeat as necessary every 14 to 21 days until harvest.	
Tree Nuts (14) Almonds, Filberts, etc.	4.0 to 8.0 pts	<u>1st application at first bloom.</u> Can repeat as necessary every 14 to 21 days until harvest.	
Cereal Grains (15) Corn, Wheat, etc.	1.0 to 4.0 pts	<u>1st application at v3 to v5.</u> Can repeat as needed every 10 to 14 days until pollination.	
Alfalfa (18)	2.0 to 4.0 pts	<u>1st application green-up.</u> Repeat as needed 7 to 10 days after each cutting.	
Oilseed (20)	1.0 to 4.0 pts	<u>1st application at first bloom.</u> Can repeat as needed every 10 to 14 days until harvest.	
Cotton, Grapes, Strawberries (99)	2.0 to 6.0 pts	<u>1st application at first bloom.</u> Can repeat as necessary every 14 to 21 days until harvest.	Grapes: 1st application when 4 to 6 inches of new shoot growth. Strawberries: 1st application at transplanting.

*The underlined applications are considered the single most important application.

STORAGE AND DISPOSAL

STORAGE: Store in original containers only. Keep containers tightly closed when not in use. Store in a cool, dry well-ventilated area, preferably in a locked storage area away from children, feed and food products, and seed. Store at ambient temperatures. Do not contaminate water, food, or feed by storage or disposal. **DISPOSAL:** Do not reuse container. Completely empty container into application equipment. Thoroughly rinse container, adding rinse water to the spray tank.

For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC 1-800-424-9300.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

BEFORE BUYING OR USING THIS PRODUCT, read the Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC. or the seller is authorized to vary. LOVELAND PRODUCTS, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, when the product is used in accordance with such Directions for Use under normal conditions of use. LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THE BUYER'S OR USER'S EXCLUSIVE REMEDY FOR ANY INJURY, LOSS, OR DAMAGE RESULTING FROM THE HANDLING OR USE OF THIS PRODUCT SHALL BE LIMITED TO ONE OF THE FOLLOWING, AT THE ELECTION OF LOVELAND PRODUCTS, INC. OR THE SELLER: DIRECT DAMAGES NOT EXCEEDING THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE PRODUCT. LOVELAND PRODUCTS, INC. AND THE SELLER SHALL NOT BE LIABLE TO THE BUYER OR USER OF THIS PRODUCT FOR ANY CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES, OR DAMAGES IN THE NATURE OF A PENALTY.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.regulatory-info-lpi.com/>

Tests have not been carried out under all possible use conditions and Seller cannot and does not represent or warrant that the goods are compatible with all other chemicals or under all use conditions.

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