



# CAL CHARGE®

3-0-0 10.6%Ca

Calcium containing liquid plant nutrient for foliar feeding and fertigation to maintain or correct calcium levels.

## **GUARANTEED ANALYSIS:**

Total Nitrogen (N) .....	3.0%
3.00% Nitrate Nitrogen	
Calcium (Ca) .....	10.6%
Magnesium (Mg) .....	1.13%
Boron (B) .....	0.33%

Derived from Calcium nitrate, magnesium nitrate, calcium gluconate, magnesium gluconate, boric acid.

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

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

All product names, logos, analysis, formulas and contents are protected under US copy, trademark, registration or "recipe patent" laws as may apply

## **Emergency Telephone:**

Chemtrec U.S.-Canada: 800-424-9300  
Chemtrec International: 703-527-3887

## **WARNING**



## **HAZARD STATEMENTS:**

This product contains Boron (B). The use of this product on any crops other than those recommended may result in serious injury to the crop(s).

## **GHS HAZARD CLASS:**

Not Applicable. This product does not meet the physical, health, or environmental classification criteria of GHS (Globally Harmonized System).

## **STORAGE CONDITIONS**

Avoid direct or excessive sun, heat, fire or frigid exposure. Decomposition may occur at temperatures above 225° F (107° C). May be corrosive to some dispersal materials over time. Exercise care when storing or dispensing product.

## **HANDLING CAUTIONS**

READ THE LABEL BEFORE USING. KEEP OUT OF REACH OF CHILDREN.

Exercise care when applying product. May be harmful if swallowed or inhaled. Avoid eye contact and prolonged, repeated contact with skin. May cause eye, membrane and skin irritation. Wash all contact areas thoroughly after handling.

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.

Check with your county or city government to determine if there are local regulations for fertilizer use.

## **DISPOSAL:**

Dispose of contents/container in accordance with waste disposal requirements of your country, state, or local authorities.

**Density: 11.2lbs/gal at 68°F**

☐ 2.5 gallons (9.46 ℓ)  
Net Wt. 28 lbs. (12.70 Kg)

☐ 2 X 2.5 gallons (2 X 9.46 ℓ)  
Net Wt. 56 lbs. (25.40 Kg)

☐ 55 gallons (208.19 ℓ)  
Net Wt. 616 lbs. (279.41 Kg)

☐ 275 gallons (1040.99 ℓ)  
Net Wt. 3080 lbs. (1397 Kg)

**CONDITIONS OF SALE AND WARRANTY:** HydroGro (Seller) warrants that this product conforms to the chemical description on the label. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES AND REPRESENTATIONS EXPRESSED, IMPLIED, OR STATUTORY, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE. No one is authorized to make any other warranty, guarantee, or directions concerning this product, and no such warranties, guarantees or directions shall be valid or binding upon Seller. Timing, rate and method of application, weather and crop conditions, mixtures with chemicals not specifically recommended on this label or an accompanying written recommendation, are beyond the control of Seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. In no case shall Seller be liable for consequential, special, indirect, or incidental damages or losses resulting from the handling or use of this product. The foregoing is a condition of sale by Seller and is accepted as such by the buyer. Buyer further agrees in the event of damages arising from the use of this product to accept a replacement of the product or a refund of the purchase price of the product, at buyer's option, as full discharge of Seller's liability.



**Guaranteed, Manufactured, and Formulated By:**

HydroGro, LLC. 7815 South Hardy Drive • Tempe, AZ 85284 • 480.248.9336 • [www.hydrogro.com](http://www.hydrogro.com)

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# CAL CHARGE® 3-0-0 10.6%Ca

Calcium containing liquid plant micronutrient for foliar feeding and fertigation to maintain or correct calcium levels.

CAL CHARGE® is compatible with most agricultural remedies. However, do NOT apply CAL CHARGE®:

- In combination with copper containing fungicides, phosphates phosphonates or sulfates
- Within 30 days after application of any copper fungicides
- In combination with highly alkaline material such as lime sulfur or certain boron products.

This product could lower the pH of the spray water, therefore the use of a suitable pH buffer is recommended when using in combination with other agricultural remedies.

CAL CHARGE® should preferably be applied in the early morning or late afternoon. Do not apply to plants that are undergoing a period of moisture or heat stress.

- Do not exceed a 2% concentration (2 gallons/100 gallons water).

## **DIRECTIONS FOR USE:** USE ONLY AS DIRECTED

For optimum results CAL CHARGE® should be used in a fertilizer program which includes other fertilizers and foliar feeds. Consult your fertilizer distributor should a crop specific program or any other information be required regarding the use of CAL CHARGE®.

Apply CAL CHARGE® foliarly or through the irrigation according to the following:

CROP TYPE	MAX RATE PER ACRE <sup>1</sup>	REMARKS
Field and row	1.5 quarts	Start application at flower initiation with 2 sprays at 7 day intervals in 30 gallons water per acre. For cotton, apply when plants reach 30 cm tall with 2 – 3 sprays in 50 gallons of water per acre.
Orchard and vineyard	2.5 quarts	For pome and drupe fruit, start application just after fruit set using a full cover spray in 100-300 gallons of water per acre. Apply 6 – 12 sprays at 7 – 10 day intervals. Use higher number of sprays for bitter pit sensitive cultivars and if vigorous shoot growth occurs. For grapes, apply directly after fruit set using 3-4 sprays in 100-150 gallons of water per acre at 7-10 day intervals.
Vegetable and fruit	2.5 quarts	Start application at first set. Repeat with 7 – 10 day intervals. Apply in 50 gallons water per acre.
Leafy vegetables	1.5 quarts	Start application directly after transplant, as soon as the plants are established. Apply 2 to 3 sprays at 7 – 10 day intervals. Apply in 30 gallons water per acre.
Other crops	–	Consult your local agronomic professional.

## **FERTIGATION:** Do not exceed a 2% concentration (2 gallons/100 gallons water)

Field and row	2-5 quarts	Use lower rates on juvenile plants and higher rates on mature plants.
Orchard and vineyard	2-5 quarts	Use lower rates on juvenile plants and higher rates on mature plants.
Vegetable and fruit	2-5 quarts	Use lower rates on juvenile plants and higher rates on mature plants.
Other crops	–	Consult your local argonomic professional.

<sup>1</sup>Base your application of CAL Charge on petiole or tissue analysis. The lower rates should be used for maintenance while the higher rates will correct nutritional deficiencies.