

# APPLICATION RATES

Amounts in ml/gallon (4l)    1 teaspoon=5 ml    1 tablespoon=15 ml    1 ounce=30 ml    1/2 - 1 gm = 1/4 - 1/2 tsp    3/4 gm = 1/4 tsp

Plant Phase	Seedlings	Mid-Size Vegetative	Vegetative	Transition	Fruiting & Flowering							
					Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
Cal-Mag Plus	0	5*	5-7*	5	5	5	5	5	5	5	5	0

\*when growing with reverse osmosis water or in coco media use a minimum of 5 ml of Cal-Mag Plus during the first 2 weeks. For best results, foliar feed plants weekly with Liquid Karma at 10 - 15 ml/gallon.

## Directions:

Soil Containers Gardens: Use 1 tsp (5 ml) per gallon (4 l) of water.  
 Accelerated Formula: Use 2 tsp (10 ml) per gallon (4 l) of water.

## Hydroponic (Aeroponics, NFT, Soilless Mix):

Use with preferred hydroponic formula. Desired range of nutrients are:  
 Nitrogen (N) 160-250 ppm    Calcium (Ca) 160-280 ppm  
 Magnesium (Mg) 45-75 ppm    Iron (Fe) 2-7 ppm

## For best results:

Use with every watering with standard fertilizer program. The recommended application rate is normally sufficient to make up for any deficiencies in most soil or hydroponic formulas.  
 \*\*\*Note - in hydroponics, iron falls out of the solution relatively fast due to use of magnetic driven pumps without grounding probes and high levels of dissolved oxygen from air stones and pumps.

## Guaranteed Analysis:

Total Nitrogen (N) 2.0%  
 1.94 % Nitrate Nitrogen  
 0.06 % Other Water Soluble Nitrogen  
 Calcium (Ca) 3.2%  
 Magnesium (Mg) 1.2%  
 1.2 % Water Soluble Magnesium (Mg)  
 Iron (Fe) 0.1%  
 0.1 % Chelated Iron (Fe)

Derived from: Calcium Nitrate, Magnesium Nitrate, Iron EDTA.



# Plus CAL-MAG™

bio-catalyst for plants



CALCIUM, MAGNESIUM AND IRON SUPPLEMENT

# NATURALLY SUPERIOR

## 100% Satisfaction Guaranteed



Distributed by:



www.botanicare.net

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# FOR MORE ROBUST PLANTS

## Benefits of using Cal-Mag Plus:

- Prevents blossom end rot in tomatoes and peppers and tip burn in lettuce and cabbage.
- Prevents dry and withered flower and fruit sets.
- Prevents interveinal chlorosis, stunted growth rates, and upward leaf curl.
- Increases cell division and plant tissue development.
- Increases flower and fruit sets.
- Increases water, nutrient, and carbon dioxide uptake.
- Increases growth rates and crop maturity.







# CAL-MAG PLUS™

## Calcium, Magnesium & Iron Supplement

Cal-Mag Plus is a specialized plant supplement designed to compensate for the deficiencies in some nutrient fertilizer programs and concentrated liquid, hydroponic nutrient formulas. It prevents blossom end rot in plants such as tomatoes and peppers and tip burn in lettuce by acting as a catalyst for major elements to work in symbiosis with one another.

Cal-Mag Plus contains: calcium, magnesium, iron, boron, zinc, manganese, molybdenum, copper, cobalt, iodine, beneficial vitamins, twenty essential amino acids and select botanical plant extracts to help in the production of fruits and vegetables in fruit and flower bearing plants.

**Standard Strength Dilution (5 ml nutrient per 4 liters water) will achieve:**

N 53, Ca 84, Mg 31, Fe 2.6

**Cal-Mag Plus:**

- Hydroponics, soil, container gardens.
- Tomatoes, Peppers, Lettuce, fruit and flower bearing plants.
- Use with Botanicare Nutrients or preferred nutrient program.
- Use with reverse osmosis water.
- Use with Botanicare's Cocogro Coir Fiber.

**Coir Fiber:**

Use CalMag Plus™ with Pure Blend Pro Soil™ formula for great results in any Coir Fiber application.



**CAL-MAG** <sup>Plus</sup>  
bio-catalyst for plants™