

BIOMIN[®] CALCIUM is a bioavailable plant nutrient. **BIOMIN[®] CALCIUM** is created using an encapsulation of the mineral calcium with amino acids and natural organic acids. Under normal circumstances calcium is subject to being tied up by other chemicals in the soil. Our patented process prevents the inactivation of calcium from occurring. The amino acid and organic acid shells protect calcium from interaction with other chemicals normally found in the environment. After it is inside the plant, the calcium is released and the remaining amino acids are used by the plant as a slow release source of nitrogen. Since the nitrogen is slow release, and present in small amounts, it does not produce unwanted vegetative growth after the flowering stage.

BENEFITS OF USING BIOMIN[®] CALCIUM

- Rapid leaf uptake and utilization
- Increased yield and fruit quality
- Increases fruit firmness and storage time
- Fast acting correction of deficiencies
- Non-phytotoxic to plants

GENERAL RECOMMENDATIONS

BIOMIN[®] CALCIUM is completely bioavailable and non-phytotoxic to plants when applied according to directions.

BIOMIN[®] CALCIUM may be applied to all crops: field crops, fruit trees, berries, vegetables, potatoes, grapes, citrus, bananas, dates, ornamental and nursery plants as well as turf.

PLANT	TIME OF APPLICATION	RATE PER GALLON OF WATER
House Plant	Once a month	2 tsp.
Vegetables	Every 2-3 months	3 1/2 tsp.
Lawns	Every 4-6 weeks	1 tsp for 250 sq. ft
Trees	As needed	3 tsp.
Hydroponic	As needed	150 ppm.

RASPBERRY STUDY

An experiment was performed by California Polytech-

nic State University in San Luis Obispo, California in 2008. **BIOMIN[®] CALCIUM** was drip fertigated to 'Isabel' raspberries at a rate of two gallons per acre the first week and one gallon per acre per week for the following thirteen weeks beginning with flower bloom initiation. The experiment took place in a commercial production field in Watsonville, California. Leaf blade tissue samples and fruit samples were taken weekly for one season. Tissue sample results indicated that the plants were not nutrient stressed. **BIOMIN[®] CALCIUM** treated raspberries yielded 426 more 4-lb crates per acre. This translated into a 10% increase in yield. Magnesium competes with calcium to get into the plant. This competition reduces the amount of calcium available to the plant. Increased levels of magnesium can cause calcium deficiency. The samples in this study had lower magnesium concentrations than did non-treated plants. The calcium / magnesium ratio increased in the **BIOMIN[®] CALCIUM** treated plants demonstrating successful competition. Yield increased 10% but quality was not sacrificed: Brix, individual berry weights, and raspberry juice pH were not statistically different.

OTHER SAFERGRO[®] PRODUCTS

PLANT NUTRITION

- **ENDURANCE[™]** - Lawn Fertilizer

PLANT PROTECTION

- **MILDEW CURE[®]** - All Natural Fungicide

SOIL AMENDMENT

- **PH DOWN[™]** - Soil Acidifier

PLANT MAINTENANCE

- **FLORAGARD[®]** - Cut Flower Preservative

PACKAGING SIZES



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