



**PLANT  
FOOD  
COMPANY, INC.**

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#### GUARANTEED ANALYSIS

Total Calcium (Ca).....10.0%  
10.0% Water Soluble Chelated Calcium

Derived from Calcium Acetate complex with Mannitol organic complexing agent

- Protects against Calcium hidden hunger and other Calcium deficiencies
- Protects against blossom end rot of fruits and vegetables
- Protects against bitter pit and corky spots on fruits
- Contains no chlorides which can cause serious plant injury
- Contains leaf penetrants and translocation aids
  
- Weight Per Gallon: 12.2 lbs.
- Each Gallon Contains: 1.22 lbs. Calcium
- pH Range: 1.5 - 2

#### GENERAL INFORMATION

**Ag Cal** is specifically designed to provide Calcium to fruit and vegetable crops more efficiently than other forms of Calcium. **Ag Cal's** Calcium is complex with a mix of natural sugar compounds collectively known as Mannitol, a sugar alcohol that encapsulates the Calcium ion enabling it to move into the plant via the phloem, where sugars move easily toward fruit forming tissues. Once the **Ag Cal** complex reaches the fruit forming tissue, the sugar bond breaks down and the Calcium flows to where it is needed. Unlike Calcium Chloride and Calcium Nitrate, **Ag Cal** will not produce injuries to the foliage or fruit, such as burned leaves and spotted fruit enabling **Ag Cal** to be used during the growing season.

# Ag Cal

## Foliar 10% Calcium

#### Directions for use:

**Vegetables, Fruit Tree and Field Crops:** Apply 1-2 quarts of Ag Cal per acre per application throughout the growing season. At least 3 applications are recommended. More frequent applications at 1.5 quarts per acre may be needed to correct deficiencies once they occur. Avoid tank mixing with phosphate and/or excessively alkaline based fertilizer solutions. Use a minimum of 10 gallons of water per acre with ground spray equipment and a minimum of 5 gallons for aerial application.

#### Ornamental Crops:

Apply 1-2 quarts of Ag Cal per 100 gallons of water covering foliage thoroughly to point of runoff.

#### Soil Application:

Can be made as a pre-plant or a sidedress using 1-2 Gallons per acre.

#### Post Harvest and Fruit Drench Application:

Recommended rate for drench tanks is 1.5 gallons of Ag Cal per 100 gallons of water.

**\*Application of Copper and Ag Cal are not recommended unless spray solution is buffered to a pH of 6.3**

**\*Avoid applications with Phosphorous**

#### Tank Mixing:

Prior to any fertilizer of pesticide application, all spray mixing and application equipment must be cleaned. A quality tank cleaner is recommended. Carefully observe all cleaning directions on the pesticide and fertilizer label. Fill the spray or mix tank at least ¾ full of water and begin agitation. Add pesticides and/or fertilizers as directed by labeling or in the following sequence:

**1) Dry flowables or water dispersible granules, 2) Wettable powders, 3) Flowables, 4) Emulsifiable concentrates, 5) Water based solutions, 6) Compatibility agents, 7) Micronutrients and fertilizer, 8) Spray adjuvant**

#### Caution:

Keep away from children and domestic animals. Avoid contact with eyes, open cuts, or sores. Harmful if swallowed. External: Flood with water. Internal: Induce vomiting. Contact a physician immediately.

#### Storage and Handling:

Store in a cool dry place. Keep container tightly closed. Do not add water or other material to the container. Do not contaminate water, food, or feed by storage or disposal.

**Store above 32°F. Do not allow to freeze.**