



**PLANT  
FOOD  
COMPANY, INC.**

**The Liquid Fertilizer Experts**

38 Hightstown-Cranbury Station Road  
Cranbury, New Jersey 08512  
Phone: (609) 448-0935  
(800) 562-1291  
Fax: (609) 443-8038  
www.plantfoodco.com  
E-Mail: pfc@plantfoodco.com

- Weight per gallon: 12.2 lbs.
- Available Container Sizes:  
2 x 2.5 gallon case  
30 gallon drum  
55 gallon drum  
275 gallon Tote tank

# Calcium Nitrate N-CAL 9-0-0

with 11% Calcium Liquid Fertilizer

**GUARANTEED ANALYSIS**

Total Nitrogen (N) .....	9.00%
.58% Ammoniacal Nitrogen	
8.42% Nitrate Nitrogen	
Calcium (Ca) .....	11.00%

Derived from Hydrated Ammonium  
Calcium Nitrate CAS #15245-12-2.

**Each gallon contains:**

1.1 lbs. of Nitrogen  
1.4 lbs. of Calcium  
pH range 5.0 - 5.5  
Equivalent Acidity:  
(lbs. CaCO<sub>3</sub> per 100 lbs. N) = 129 (Basic)

To avoid the formation of insoluble precipitates, **DO NOT MIX WITH MATERIALS CONTAINING PHOSPHATE OR SULFATE.** Rinse out all equipment before and after use. **N-CAL 9-0-0** contains nutrients required for healthy, vigorous growth. Calcium is essential for cell wall formation; stimulates roots and leaf formations; and neutralizes organic acids. It regulates the uptake of other nutrients.

**Directions for Use:**

**Greens, Tees & Fine Turf:** Apply 5 - 24 oz. with 1 gallon or more of water per 1,000 sq. ft. Each oz. of **N-CAL 9-0-0** contains .0085 lb. of Actual Nitrogen, so 5 oz. contains .04 lb. of Actual Nitrogen and 24 oz. contains .20 lb. of Actual Nitrogen.

**Trees:** Foliar – Apply 3 - 5 quarts per 100 gallons of water. Soil – Apply beneath foliage inside the drip line. Water in well 1/2 pint = 8 oz. per 1" of trunk diameter measured at breast height.

**Ornamental Shrubs:** Foliar – Apply 2 - 4 qts. per 100 gallons of water. Soil – Apply beneath foliage inside the drip line. Water in well 2 - 4 oz. undiluted for small shrubs and 4 - 7 oz. undiluted for large shrubs.

**Farm:**

**Drip Trickle System:** Apply 15 gallons per acre at early fruit set and early fruit development to supply calcium. The addition of P.F.C.'s 10% Liquid Boron at 1 - 2 quarts per acre would be helpful to ensure a proper Ca: B ratio.

**Side Dress Recommendations:** Apply up to 50 gallons per Acre as a side dress application. However, since Nitrate Nitrogen is subject to leaching, split applications at lower rates may be preferable.

**Greenhouse & Garden:**

**Tank Mixing:** Add 1-1/2 quarts to 100 gallons of water and apply as a normal watering or at the rate of 1 quart of solution for every sq. ft. of planted surface area every 7 to 14 days.

**Hozon 1:15 Ratio Proportioner:** Add 3 oz. for each gallon of water as the proper concentrate for a normal dosage of normal feeding with every watering.

**1:100 Ratio Proportioners:** Add 22 oz. for each gallon of water as the concentrate for a normal dosage of constant feeding with every watering.

Prior to any fertilizer or 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 one half 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. Wetttable powders
3. Flowables
4. Emulsifiable concentrates
5. Water based solutions
6. Compatibility agents
7. Micronutrients and Fertilizers
8. Spray adjuvants

Before mixing multiple chemicals and/or fertilizers in the tank, confirm product compatibility by performing a jar test. Be sure to mix with plenty of water.

**Storage and Handling:**

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

**Caution:**

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

**Notice and Limitation of Warranty:**

The manufacturer and seller warrants that the material conforms to the product description on the label and is reasonably fit for the purpose stated, when used in accordance with the directions. Further, because of critical unforeseeable factors beyond the manufacturer's and seller's control which prevent them from eliminating all risks in connection with the use of fertilizers, the buyer and user acknowledge and assume all risks and liabilities resulting from handling, storage and use of this material. The terms of this notice may not be varied by any verbal or written statement.