



# Calcium Nitrate 9-0-0, 11% Calcium

## Guaranteed Analysis

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

### Derived from Calcium Nitrate

**Calcium Nitrate** contains nutrients required for healthy, vigorous growth. Calcium is essential for cell wall formation; stimulating roots and leaf formations; and neutralizing organic acids. It regulates the uptake of other nutrients.

- Weight per gallon: 12.2 lbs. (5.5 kg)
- Each gallon contains:
  - 1.1 lb Nitrogen
  - 1.4 lb Calcium
- pH: 5.0 - 7.0
- Equivalent Acidity:
  - (lbs. CaCO<sub>3</sub> per 100 lbs. N) = 129 (Basic)

### Directions for Use:

**Greens, Tees, Fine Turf, Fairways, Roughs, Sports Turf and Lawns:** Apply 5.0 - 24.0 oz. of **Calcium Nitrate** with 1.5 - 2 gallons of water per 1,000 sq. ft. Apply 1.7 - 8.2 gallons of **Calcium Nitrate** with 66 - 88 gallons of water per acre. This application shall provide 0.04 - 0.21 lb. of actual Nitrogen per 1,000 sq. ft.

**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.

**Ornamentals:** Foliar - Apply 2 - 4 qts. of **Calcium Nitrate** per 100 gallons of water.

**Soil:** Apply beneath foliage inside the drip line. Water in well 2 - 4 oz. undiluted for small ornamentals and 4 - 7 oz. undiluted for large ornamentals.

### Farm:

**Drip Trickle System:** Apply 15 gallons of **Calcium Nitrate** 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 of **Calcium Nitrate** per Acre as a side dress application. However, since Nitrate Nitrogen is subject to leaching, split applications at lower rates may be preferable.

### Greenhouse and Garden:

**Tank Mixing:** Add 1 1/2 quarts of **Calcium Nitrate** 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 throughout the growing season.

**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.

**To avoid the formation of insoluble precipitates, DO NOT MIX WITH MATERIALS CONTAINING PHOSPHATE OR SULFATE. Rinse out all equipment before and after use.**

### Application Rates for Calcium Nitrate 9-0-0, 11% Calcium

Fluid Oz/ 1,000 sq. ft.	Gallons/ One Acre	ML/ 100 M <sup>2</sup>	L/HA Litre/ Hectare	Nitrogen/ 1,000 sq. ft.	Calcium/ 1,000 sq. ft.
5.0	1.7	159	16	0.04	0.0524
10.0	3.4	318	32	0.09	0.1048
12.0	4.1	382	40	0.10	0.1258
16.0	5.4	509	50	0.14	0.1678
24.0	8.2	764	80	0.21	0.2516

### Available Container Sizes:

2 x 2.5 gal	(2 x 9.46 L)	Case
30 gal	(113.56 L)	Drum
55 gal	(208.20 L)	Drum
275 gal	(1040.99 L)	Tote

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

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