



NanoCal

LIQUID SPRAYABLE CALCIUM

Patented, stabilized, very concentrated, liquid form of calcium carbonate to be sprayed on turfgrass.

GUARANTEED ANALYSIS

Calcium (Ca)25.0%

Derived from: Calcium Carbonate

Weight per gallon: 14.0 lbs
pH: 9.1

GENERAL USE GUIDE

Proper application rates and frequency depends upon conditions and plant requirements.

Soil Corrective and General Turf Applications:

Apply 0.5 to 3.0 gal per acre with sufficient water for proper application.

NanoCal

NanoCal calcium is mined, and consistently processed to a size of less than one micron. This ultra-small particle ensures that the calcium is rapidly available for root uptake or adsorption to soil cation exchange sites.

In the plant:

- Calcium plays an active role in the uptake of water and nutrients.
- It strengthens cell walls and works as a signal messenger, helping activate natural plant defense mechanisms.
- Calcium reduces or prevents infections by increasing cuticular thickness and cell turgor pressure. It reinforces cell walls.
- Calcium protects the plant by acting as a buffering agent against stress caused by soil toxicity or extremes of acidity or alkalinity.
- Calcium is an essential element required by plants for proper seed germination

In the soil:

- Calcium improves water penetration in most soil types and assists in soil flocculation.
- Calcium has the ability to displace sodium ions on the soil colloid, and also buffer salts that may be present in the root rhizosphere.
- Calcium helps to push the soil platelets apart, creating a more suitable environment for aeration and root growth.
- Calcium is important in maintaining proper Base Saturation Levels

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