

At A Glance

CAL- 12%

Description

Calcium Nitrate Solution, 12% Calcium (Ca), is clear, light-yellow liquid with no significant odor. CAL-12 is an "ammonia-free" liquid Calcium Nitrate Solution. Ideal for use in a variety of agricultural applications. Both Calcium and Nitrogen are in available forms ready for plant uptake. Due to their availability quick and vigorous responses can be expected. Applications through irrigation water is a common method

Handling & Storage

Always conduct a jar test with new tank mixes to verify compatibility.
Store in a cool place out of direct sunlight. Location should be inaccessible to children, pets, domestic animals and/or wildlife.

Symptoms of Calcium Deficiencies

- Necrosis of new leaves (tip burn)
- Curling leaves
- Blossom End Rot is also common to see in many Row crops

Functions of Calcium in Plants

- Utilized in cell wall structure
- Key element during fruit set and increasing crop yields
- Used in root development

Shipping

Available in Bulk or IBC's



Chemical & Physical Properties

Chemical Formula	Ca(NO ₃) ₂
CAS Number	10124-37-5
Specific Gravity @ 68°F (17.8°C)	1.485
Salt-Out Temp	35°F (1.67°C)
Color	Light yellow
Odor	Odorless
Weight per Gallon	12.38 lbs/gal
pH	5.0 - 7.0

Typical Analysis

Total Nitrogen (N)	8.50%
8.50% Nitrate Nitrogen	
Calcium (Ca)	12.00%

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TradeMark Nitrogen Corp.

1216 Old Hopewell Road
Tampa, Florida 33619 USA
www.trademarknitrogen.com
800 452 3107
813 626 1181