

CALCIUM AMMONIUM NITRATE CAN-17

Description

CAN-17, is a clear aqueous solution of Ammonia Nitrate and Calcium Nitrate. This product can be used as a source of Nitrogen (N) & Calcium (Ca) for a variety of cropping systems. It's primary advantage is combining the two Nitrates into one package providing labor savings. Common applications are foliar sprays and fertigation to the root zone

Handling & Storage

Store in a cool place out of direct sunlight. Location should be inaccessible to children, pets, domestic animals and/or wildlife. Due to its corrosive properties stainless steel or corrosion resistant tanks should be used Always conduct a jar test with new tank mixes to verify compatibility.

Function of Nitrogen in Plants

- Mainly involved in photosynthesis
- Essential component of chlorophyll
- Promotes plant fruit set and vigor

Symptoms of Nitrogen Deficiency

- Poor/Stunted growth/reduced yield
- Overall less foliage canopy
- Yellowing of leaves (oldest first)

Functions of Calcium in Plants

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

Symptoms of Calcium Deficiency

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

Availability

Bulk or IBCs

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Chemical & Physical Properties

CAS Number	10124-37-5, 6484-52-2
pH	5.0-6.0
Salt-Out Temperature	25°F (-3.9°C)
Color	Pale yellow
Odor	Little to no detectable odor
Weight per Gallon @ 60F (15.5°C)	12.6 lbs/gal
Gallons per Ton	180.18

Typical Analysis

Total Nitrogen (N)	17.0%
5.4% Ammoniacal Nitrogen	
11.6% Nitrate Nitrogen	
Calcium (Ca)	8.8%
Derived from Ammonia Nitrate & Calcium Nitrate	



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