

At A Glance

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 and 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.

Functions 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

Shipping

Available in Bulk or IBCs



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	17.00%
Ammoniacal Nitrogen	5.70%
Nitrate Nitrogen	11.30%
Calcium	8.80%
Derived from Ammonia Nitrate & Calcium Nitrate	

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