



# PUR CAL™

Secondary Macronutrient

## Guaranteed Analysis

Calcium (Ca)..... 8.00%

**Derived From:**

Calcium Acetate.

**Physical Properties:**

Form: Liquid

Appearance: Clear to slightly hazy, light amber, having a peppermint-type odor.

Weight: 10.85 lb/gal, 1.39 kg/L

pH: 2.5–3.5

**Caution:**

**Keep out of reach of children.**

**Harmful if swallowed.**

**The vapors, mists and liquid may be irritating or corrosive to all tissues contacted. Inhalation of mists may cause severe irritation or burns to the entire respiratory tract.**

**Storage and Disposal:**

Keep product in original container. Do not transfer into food or drink containers. Triple rinse when empty for recycling. Always dispose of container in accordance with local, state, and/or federal regulations. Do not store this product below 50°F (10°C) or above 90°F (30°C).

**Conditions of Sale:**

The information contained in this bulletin is believed to be accurate and reliable. Buyer and user acknowledge and assume all liability resulting from the use of this material. Follow directions carefully. Timing, method of application, weather, crop conditions, and other factors are beyond the control of the seller.

## The Solution for Nitrogen-Free Calcium Nutrition in Plants

Huma Gro® PUR CAL™ carbon-complexed with Micro Carbon Technology® ensures maximum nitrogen-free calcium uptake and translocation within the plant. Calcium is a required nutrient for cellular strength and growth, plant vigor, and fruit development—which indirectly reduces the risk of fungal diseases. PUR CAL™ provides calcium without the nitrogen associated with other calcium products, allowing plants to benefit from calcium nutrition for fruiting without the nitrogen stimulus for vegetative growth.

**Benefits of Use:**

- Increases stalk strength and reduces lodging in grain crops
- Increases shelf life and reduces shipping and storage disorders in fruits and vegetables
- Promotes maturity and improves fiber quality in cotton
- Reduces susceptibility to environmental stresses
- Enhances nodulation in legumes
- Promotes early root growth
- Promotes maturity and viability in seed crops

**Deficiency Symptoms—When to Apply:**

- Weak stalk and lodging
- Roots short and knotted
- Leaves and terminal buds distorted; leaves with wrinkled appearance
- Leaf die-back at the tips and along the margins
- LETTUCE: tip burn; TOMATO/PEPPER: blossom-end rot; CUCUMBER: hollow heart; BROCCOLI: black heart; APPLE: cork spot and bitter pit

**Application Instructions:**

Contents are highly concentrated and must be diluted with water in a ratio of at least 20 parts water to 1 part product prior to foliar application. See table below for specific rate instructions. SHAKE WELL BEFORE USING.

METHOD OF APPLICATION	SUGGESTED RATE	
	Field Crops / Tree or Vine Crops	
Foliar band application at 50% coverage	Up to 1 quart/acre, 2.5 liters/hectare	—
Foliar broadcast or sprinklers: solid, set, pivot, linear (100% speed)	Up to 2 quarts/acre, 5 liters/hectare	Up to 1 gallon/acre, 10 liters/hectare
Soil banded or injected, through drip tape or micro sprinklers	Up to 2 quarts/acre, 5 liters/hectare	Up to 1 gallon/acre, 10 liters/hectare
Soil broadcast spray incorporated, flood or furrow irrigated	Up to 1 gallon/acre, 10 liters/hectare	Up to 2 gallons/acre, 20 liters/hectare



Powered by  
**MICRO CARBON TECHNOLOGY**

*\*This Product Contains Micro Carbon Technology®, a proprietary blend of very small organic molecules that allows for more effective absorption of nutrients by plants.*

