

KEEP OUT OF REACH OF CHILDREN

# Cellguard

Liquid Fertiliser

**A RAPID ACTION  
READILY AVAILABLE CALCIUM 9%  
7 % NITRATE NITROGEN W/V  
Plus TE < 500 ppm - Na, Cu, B, Fe, Zn,**

## Helps prevent many disorders in many fruits, vegetables and ornamentals including

Post-harvest disorders, Tip Burn, Bitter Pit, Corking, Internal Blossom-End Rot, Tomato Blossom-End Rot, Fruit Rot, Internal Corking, Melon Blossom-End Rot, Pillowy Fruit Disorder, Hollow Heart, Internal Potato Rot.

## Calcium deficiencies can be detected at early stages. Signs to look for include:

- Upper leaves are distorted and curled at edges.
- Leaves may have thin yellow bands.
- Leaves may turn brown and die.
- Roots develop poorly.

## Key Benefits

- Helps plants thrive by improving major nutrient uptake and providing the essential ingredients for increased photosynthesis.
- Replaces Traditional Lime Products
- Participates in metabolic processes of other nutrients uptake.
- Promotes proper plant cell elongation.
- Strengthen cell wall structure - calcium is an essential part of plant cell wall. It forms calcium pectate compounds which give stability to cell walls and bind cells together.
- Participates in enzymatic and hormonal processes.
- Helps in protecting the plant against heat stress - calcium improves stomata function and participates in induction of heat shock proteins.
- Helps in protecting the plant against diseases - numerous fungi and bacteria secrete enzymes which impair plant cell wall. Stronger Cell walls, induced by calcium, can avoid the invasion.
- Because calcium does not relocate in the plant, a soluble source of calcium applied throughout the growing season is preferred

**SOIL: (Established Crops)** Apply 10-20 Liters per Hectare Broadcast directly onto soil at pre-planting. For best results incorporate into the top 1-2 inches (3-5 cm). Apply when Calcium readings are low in soil.

## **FOLIAR: (Established Crops)**

**Vegetables /Ornamentals / Row Crops :** Apply 1-3 liters per hectare. Mist tops and bottoms of leaves. Moisten only to the point of run-off. Use minimum 100L water. Repeat after 2-3 weeks.

**Tree Crops :** Apply 2-4 liters per hectare. Mist tops and bottoms of leaves. Moisten only to the point of run-off. Use minimum 400L water. Repeat after 2-3 weeks.

## **Seedlings, Transplant, Glass houses, Hydroponic Crops, Ornamentals, Nurseries and Turf /Lawn**

Mix 500ml in 100L water liters. Mist tops and bottoms of leaves. Moisten only to the point of run-off.Repeat after 2-3 weeks.

**Aerial Application:** Ratio 1:3

**Fertigation:** Apply 10-20L/ha. More than 20L/ha, recommended amount of product in split applications one to two weeks apart throughout the growing season.

**Compatibility:** May be tank mixed with most commonly used agro chemicals. Please do jar test first.

**Withholding Period:** 5 days or 5mm rain .BUT Please leave crop for 5-7 days, so **Cellguard** can translocate through plant properly.

## **WARNING:**

### **Handling and Storage**

Store between 40-95° F. Avoid direct heat or fire. Decomposition may occur at high temperatures (above 225° F.). Do not freeze!. Keep out of reach of children. Harmful if swallowed. Avoid inhalation, eye contact, or ingestion. Avoid prolonged or repeated contact with skin which may cause irritation. Wash thoroughly after handling.



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