

# ADOB CALCIUM

Liquid Calcium Nitrate

Optimum feeding of calcium & nitrogen for all crops



## Introduction :

- Adobe Calcium is a liquid calcium fertilizer in the form of calcium nitrate. It contains a high concentration of nitrogen in the form of high nitrate and low percentage urea, in addition to the main element, which is calcium in the form of calcium oxide.  
Easy to add by irrigation and with different fertilization programs for plants.  
Suitable for all types of crops and hydroponic.

## Why ADOB Calcium :

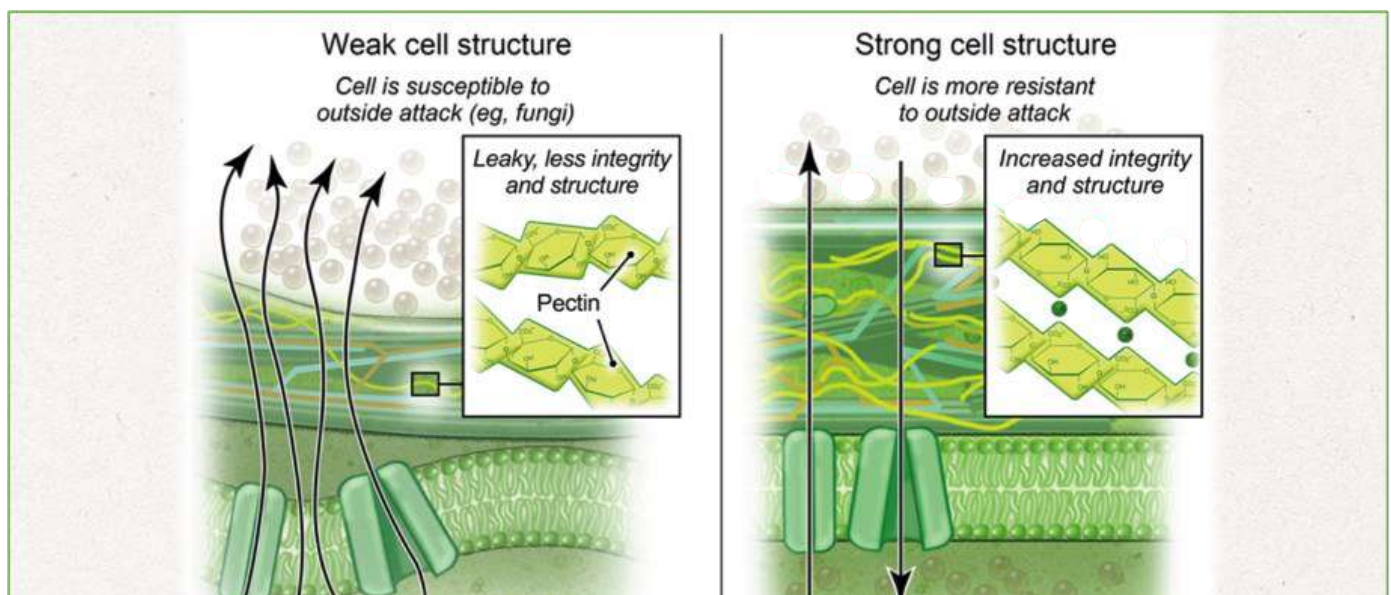


**ADOB calcium is an important nutritional liquid fertilizer for plants, especially in the early stages of growth, as it is available in a liquid form and low acidity for easy absorption through the roots and complete dissolution in the fertigation tank. representation within the plant.**

## The important role of calcium :

- 1) **An essential element for building the cell wall and necessary for the process of cell division.**
- 2) **Calcium is necessary for the process of balancing the elements of potassium and sodium within the plant.**
- 3) **Regulating the pH of cells.**
- 4) **It neutralizes the negative effects of alkaline salts and organic acids in the plant.**
- 5) **It treats the physiological imbalance of the plant roots as a result of the concentration of salts in the soil, which causes the roots to lose their ability to absorb nutrients.**

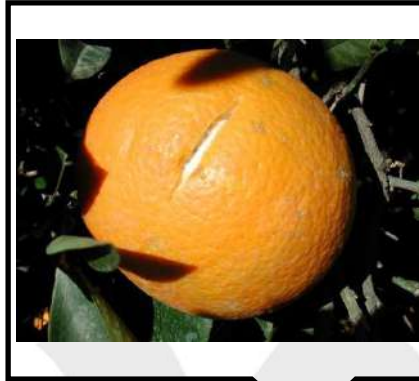
**Increasing plant resistance to fungal diseases, insect infestations and volatile weather conditions by strengthening the plant cell wall.**



## Symptoms of calcium deficiency:

- 1) **Calcium is a non-moving element, so deficiency appear on the growing tops and new leaves , distortions, and smalle leaves than the normal size. And because it is important for new growth, its deficiency leads to reduced growth and burning of the growing ends of the leaves .**
- 2) **The rot of the floral tip of the fruits, especially tomatoes, peppers and distortion of the general shape of the fruits.**
- 3) **The phenomenon of twisted fruit & Brown spots appear on apple fruits.**

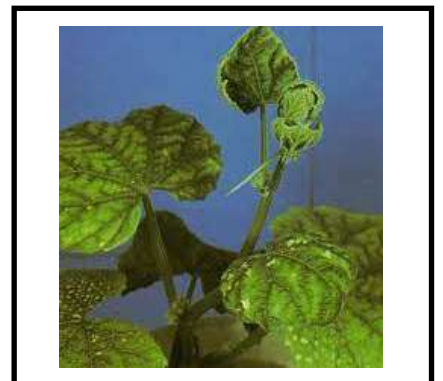
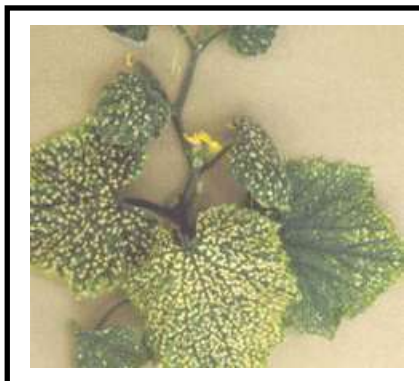
## Symptoms of calcium deficiency



**Calcium deficiency in citrus**



**Calcium deficiency in tomato**



**Calcium deficiency in cucumber**

## Symptoms of calcium deficiency



**Calcium deficiency in onion**



**Calcium deficiency in potato**



**In Pepper**



**In Strawberry**



**In Wheat**



## Composition :

<b>Calcium</b> Calcium nitrate	<b>Nitrogen</b> total	<b>Nitrogen</b> Nitrate	<b>Nitrogen</b> Urea	<b>PH</b>	<b>Density</b>
<b>% CaO</b>	<b>% N</b>	<b>% NO<sub>3</sub></b>	<b>% NH<sub>2</sub></b>	<b>PH</b>	<b>g/cm<sup>3</sup></b>
<b>25</b>	<b>15</b>	<b>12.4</b>	<b>2.6</b>	<b>3.9</b>	<b>1.51</b>

## How to use and dosage :

<b>Crop</b>	<b>Dose</b>	<b>How to use</b>
<b>All types of crops</b>	<b>7 - 10 L/Hectare</b>	<b>Use with irrigation water</b>

## Usage Recommendations :

- **Mixable with most fertilizers and not mixed with phosphate and sulfur fertilizers.**
- **It is recommended to add it weekly in the fertilization program to avoid any deficiency in the calcium content of the plant.**

## Packing

**Available in 20 Liter**