

## TECHNICAL DATA SHEET KALSAN (CALCIUM ACETATE POWDER FERTILIZER)

**DESCRIPTION:** Water Soluble Calcium Acetate Fine Powder Fertilizer

**TECHNICAL SPECIFICATIONS:**

Physical Form: Water Soluble ,Fine Flowable Powder Fertilizer  
Product Colour: White  
Product Odour: Odourless  
Shelf Life: 4 years  
Origin: TURKEY  
Producer: SAMİ KÜÇÜKKOCA TARIM TİCARET

**COMPOSITION (w/w):**

Calcium Oxide (CaO) ..... 28.0 %  
pH: 6.0 - 8.0

**ADVANTAGES AND PROPERTIES :**

Calcium is a part of every cell in the plant. It is the element that regulates what moves in and out of the cell through the cell wall. It strengthens the cell walls and helps prevent fruit from breaking down in storage. Plants need a continuous supply of calcium for normal growth.

- Controls cell division and elongation
- Controls cell wall development
- Essential for nitrate uptake and metabolism
- Regulates enzyme activity
- Essential for starch metabolism
- Acetate-based nutrients generally have superior foliar availability over traditional nutrients. Lower use rates and more efficient nutrient utilization are typical of acetate-based nutrients. This allows crop managers to reduce their overall fertilizer salt loads while safely achieving excellent tissue levels of nutrients.

Soil factors affecting availability:

- Low soil pH
- High levels of magnesium, potassium or sodium.
- Low CEC soils (sands) cannot hold much calcium

**DIRECTIONS FOR USE :**

**Greens, tees and turf:** leaf applies 1 to 10 kg. 500-1000 lt. of water per hectare. apply every 7-10 days or if necessary with the sprayer.

**Side dress:** apply 1.75 to 6.5 kg. per hectare as well as ammonium nitrate or other nitrogen solution.  
drip irrigation: inject 3.5 to 7 kg. per hectare.

**Applied soil:** apply 5 to 10 kg. per hectare as well as ammonium nitrate or another nitrogen solution.  
line,

**tobacco and large crops, vegetables (foliar application):** apply 1 to 4 kg. per hectare in 50-150 litres of water  
**for the field and vegetable crops:**

apply desired rates throughout the regular growth season.

**for trees and vines:**

start applications at the beginning of the increasing pre-flowering season, then continue post-flowering throughout the season as needed.

**PACKING :** 0.25 - 0.5 - 1 - 2 - 5 - 10 - 25 Kg.

**APPROPRIATE WAREHOUSE CONDITIONS:** Try to keep the product between + 5, - 25 C in its original packaging far from the human, animal and food. Be aware of direct sunlight.

**USAGE SECURITY REGULATIONS :** This product is not toxic. After usage wash your hands and face with water and soap.