



## CHARACTERISTICS

**CaUP** is a liquid solution of calcium enriched with Manganese, Boron and Silicon.

**CaUP** is a completely chelated foliar fertilizer using complexes derived from natural plant sources: Gluconic acid. It is designed to address calcium (Ca) and magnesium (Mg) deficiencies that often occur at the same time.

Boron is added in the ideal ratio to improve the mobility of calcium in the plant and improves the uptake of potassium.

### It decreases the incidence of physiological disorders:

Bitter pit in apple trees, Cork in pear, black bat in grapes, apical necrosis in tomatoes, peppers, cucumbers, watermelons and melons; stained cavities in carrots, black heart in celery, tip burn in lettuce, internal burning (tip) in cabbage, internal necrosis in cabbages of Brussels and in potato tuber necrosis.

**CaUP** is suitable for all crops, especially for fruit, vegetables and ornamental. Use at times of high demand for calcium especially in the formation and maturation of the fruit is encouraged.

**Calcium** is involved in cell growth and multiplication as well as in regulating the pH in the root system. Also influences nitrogen uptake mechanisms and translocation of carbohydrates and proteins within the plant.

**Manganese** is predominant in metabolism of organic acids. Role in important enzymes involved in respiration and enzyme synthesis. Direct influence on sunlight conversion in chloroplast.



## COMPOSITION

	%w/v
Calcium (CaO)	15,0
Magnesium (Mg)	2,0
Boron (B)	0,5
Silicon (SiO <sub>2</sub> )	1,0

**Boron** is important in protein synthesis. Promotes maturity. Affects nitrogen and carbohydrate metabolism. Increase flowering set.

**Silicon** promotes resistance to disease and pest, uptake of nutrients and enhances resistance to environmental stress and quality of fruit.



 FOLIAR		 FERTIRRIGATION
Fruit and citrus	150-300 cc/100l, 2-3 applications	6-12 l/ha between 3 and 4 applications
Horticultural	150-300 cc/100l, first half of the cycle	4-9 l/ha between 3 and 4 applications
Ornamental and flowers	150-250 cc/100l	2-8 l/ha during the first half of the cycle

**Warnings:** if you mix compounds previous compatibility test is recommended. Shake well before use

## PACKING:

