

# SECONDARY NUTRIENTS

Plant nutritional supplements



**APICAL**  
**CAL-BRIK**  
**CALCITEK**  
**TOPCAL**

For balanced roots and vegetative growth  
Fruit quality and shelf life, against physiological disorders  
Faster growth  
Stronger cell walls

## CHARACTERISTICS & RESULTS

All the Milagro products included into this range contain high quantity of Calcium, one of the most important nutritional elements of the soil, and Magnesium, fully soluble and available for immediate crop uptake. This range of products can cover all the nutritional needs of several crops through the entire crop cycle, helping farmers to achieve the highest quality standards of production. Applying these products will result in healthier plants, higher yields but also firmer tissues and longer post harvest shelf life.

**APICAL**, with the simultaneous and balanced presence of Calcium, Magnesium and Nitric Nitrogen, gives prompt and efficient results. The three elements work together to improve roots and vegetal development.

**CAL-BRIK** is a perfect combination between Calcium and Magnesium, that guarantees better fruit quality reducing physiological disorder in the fruit (desiccation, rolling-up, apical rotting, bitter pit, phylloptosis and desiccation of rachis, fruit cracking). It guarantees an excellent post harvest quality.

**CALCITEK** contains a balanced presence of Calcium and Nitrogen that quickly stimulates vegetative development, growth and higher yield.

**TOPCAL** contains high value of Calcium with low molecular weight. It is absorbed and translocated into the tissues. It enhances the productivity and resistance to the fungal and bacteria diseases. It promotes the storage shelf life of fruit and vegetables.

## APPLICATION RATE

Products	Foliar spray (L/ha)	Drip irrigation (L/ha)	N° of applications	Timing of applications
APICAL	3 - 6	20 - 40	2 - 4	from vegetative growth till fruit setting
CAL-BRIK	3 - 6		2 - 4	from vegetative growth till fruit setting
CALCITEK		20 - 40	2 - 4	from vegetative growth till harvest
TOPCAL	6 - 12		2 - 4	after flowering till harvest



# SECONDARY NUTRIENTS

Apical, Cal-Brik, Calcitek and Topcal



Tomato bottom end rot 1



Potato internal browning 2



Citrus fruit cracking 3



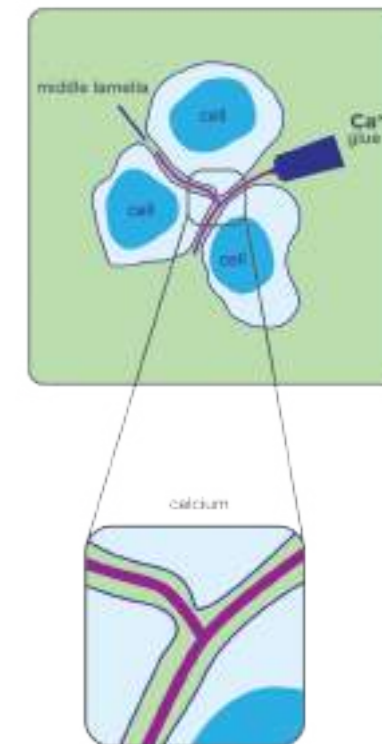
Cherry fruit cracking 4



Lettuce tip burn 5



Apple bitter pit 6



## COMPOSITION (% w/w)

	APICAL	CAL-BRIK	CALCITEK	TOPCAL
Total nitrogen (N)	8,0	2,1	8,6	-
- Nitric nitrogen (N-NO <sub>3</sub> )	8,0	2,1	8,6	-
Calcium oxide (CaO) water soluble	10,0	12,0	17,5	17,4
Magnesium oxide (MgO)	4,0	3,0	-	-
Boron (B) water soluble	-	-	-	0,1
pH at 20 °C	4,5÷6,0	1,0÷2,5	1,0÷3,0	2,0÷4,0
Density (g/L at 20 °C)	1400÷1420	1340÷1360	1480÷1500	1350÷1370
Packaging	Packaging: 1L (1Lx16); 6L (6Lx2); 20L			

TOPCAL

