


# ZINCAL Mo Ca

**PROMOTES FRUIT AND BUDS' GROWTH**  
**INCREASES TISSUES' MECHANICAL RESISTANCE**  
**IMPROVES PHOTOSYNTHETIC EFFICIENCY**  
**IMPROVES NITROGEN ASSIMILATION**  
**ALLOWED IN ORGANIC FARMING**

ZINCAL Mo Ca is a formulation that promotes an intense and balanced vegetative recovery. ZINCAL Mo Ca must be applied during the first phases at the end of dormancy and, thanks to the synergy between calcium and zinc, it stimulates bud growth. The zinc supplied with the product triggers the synthesis of tryptophan and, as a consequence, it naturally increases the auxins levels. The latter, in addition to promoting fruit and buds' growth, favors the xylem lignification, thus improving calcium uptake with an increase in tissue mechanical resistance and of the quantity of calcium translocated to the developing fruits. Molybdenum, finally, improves the absorption process and the use of nitrogen and it enables the optimisation of the photosynthetic process.

CROP	TIME OF APPLICATION	DOSE/HECTARE*
Grapes e Citrus (Tangerine, Lemon, Clementine, Bergamot, Orange)	At vegetative restart, at pre-flowering and pre-veraison (change of color)	4-6 kg
Stone fruits (Plum, Peach, Nectarine, Cherry, Apricot) e Pome fruits (Pear, Apple, Quince)	From sprouting to pre-flowering, to be repeated from fruit diameter up to 20 mm to veraison (change of color)	4-6 kg
Kiwifruit	From sprouting to pre-flowering, to be repeated from fruit diameter up to 20 mm to veraison (change of color)	4-6 kg
Small fruits (Currant, Blackberry, Blueberry, Raspberry) e Strawberries	From post-fruit set, 2-3 applications every 10-12 days	4-6 kg
Fruiting vegetables (Pumpkin, Zucchini, Tomato, Pepper, Melon, Eggplant, Cucumber, Watermelon)	At post-emergence or at transplanting, to be repeated at pre- and post-flowering and at pre-harvest	4-6 kg
Industrial crops (Tobacco, Soybeans, Industrial tomato, Sunflower, Cotton, Rapeseed, Sugarcane, Beets)	At early vegetative phases or at the appearance of deficiency symptoms	4-6 kg
Flowers and ornamentals	At transplanting or repotting and at pre-flowering	4-6 kg

COMPOSITION	
Calcium oxide (CaO) soluble in water	10.00%
Molybdenum (Mo) soluble in water	0.05%
Zinc (Zn) soluble in water	5.00%

PHYSICO-CHEMICAL FEATURES	
<b>LIQUID</b>	
pH (sol 1%)	6.8
Conductivity E.C. $\mu\text{S}/\text{cm}$ (1‰)	820
Density ( $\text{g}/\text{cm}^3$ )/Specific weight	1.41
<b>METHOD OF USE</b>	
	Foliar fertilization

**PACKAGING: 1 - 6 - 12 KG**

**WARNINGS:** Never mix in the same tank fertilizers containing phosphorus and/or sulfates with fertilizers containing calcium. In presence of irrigation water containing high phosphorus levels it is necessary to add an acidifier before using fertilizers containing calcium.

\*The choice of the dose is subordinated to various factors and can be varied when necessary. All applications can be repeated in relation to the different crop needs. You can contact our Technical Service for the correct application on specific soils and under specific climate conditions.\*