

GROWTH CYCLE

Rooting

Vegetative growth

Flowering

Fruit set

Fruit enlargement

Ripening

ROYAL EVOCAL is a liquid fertilizer, especially designed for **fertigation**, containing **highly assimilable calcium** and a **bioactivator** containing auxine-like components that naturally stimulate plant and root development. These components are essential for the effective **transport of calcium**.

As a matter of fact, calcium translocation is facilitated by various mechanisms, including the role of indoleacetic acid (IAA), a type of auxin. While calcium typically moves in a basipetal way (from the apex to the base), associated with IAA, it also travels in the opposite direction (acropetal = from the base to the apex). This is essential for calcium to reach leaves and fruits properly.

CROPS	APPLICATION RATES	STAGES AND RECOMMENDATIONS
	FERTIGATION	
FRUITS TREES AND GRAPES	15 - 20 l/ha	During fruit set and fruit enlargement 2 - 3 applications throughout crop cycle
HORTICULTURE IN OPEN FIELD	10 - 15 l/ha	After the first blossom (3 - 4 applications throughout crop cycle)

Use the product at the concentration of 0,2 - 0,3%

COMPOSITION % w/w (equivalent to % w/v at 20°C)

Calcium oxide (CaO) soluble in water	18.0% w/w	25.2% w/v
--------------------------------------	-----------	-----------

PHYSICAL AND CHEMICAL PROPERTIES

Density at 20°C:	1.40 g/ml
pH (1% w/w aqueous solution at 20°C):	7.0 ± 0.5 u. pH
E.C. (1 g/l in deionized water at 20°C):	900 µS/cm



FITONATURA
**ROYAL
EVOCAL**

**EFFECTIVE Ca
AT FRUIT LEVEL**

KEY BENEFIT

- 1 Natural complex in the formula
- 2 Promotes translocation of calcium in an acropetal way
- 3 Improves the assimilation of calcium at fruit level

