



FITONATURA ROYAL SYNERGY

Ca AND Mg TOGETHER

KEY BENEFIT

1

Synergy between calcium and magnesium

2

Prevents diseases from calcium and magnesium deficiencies

3

Improves the color and consistency of fruits

GROWTH CYCLE

Rooting

Vegetative growth

Flowering

Fruit set

Fruit enlargement

Ripening

ROYAL SYNERGY is a **perfectly balanced** liquid fertilizer containing **calcium, magnesium, and nitrogen**. It is suitable for **foliar use** and **fertigation** due to the **high purity** of the raw materials and the stable formulation.

ROYAL SYNERGY prevents magnesium and calcium **deficiencies**, **boosts vegetative growth**, and ensures the crop completes its **development cycle optimally**. It improves fruit color and resistance and aids recovery from water imbalance.

CROPS	APPLICATION RATES		STAGES AND RECOMMENDATIONS
	FERTIGATION	FOLIAR*	
FRUIT TREES AND STRAWBERRIES	10 - 20 l/ha	2 - 3 l/ha	After fruit set to guarantee the best nutritional support to fruits
WINE AND TABLE GRAPE	10 - 20 l/ha	2 - 3 l/ha	Before fruit set to contrast rachis desiccation (bunch stem necrosis) and after fruit set
VEGETABLES	5 - 10 l/ha	2 - 3 l/ha	During vegetative growth also to contrast tip burn
Leaf vegetables		2 - 2.5 l/ha	
Tomato, eggplant and pepper		2 - 3 l/ha	After fruit set to contrast blossom end-rot
Cucurbits		2 - 3 l/ha	During the whole crop cycle to reduce desiccation of leaf stalk, vitrescence, blossom and leaf margin
Fennel and celery		2 l/ha	During the whole crop cycle to reduce desiccation and physiological rot
Potatoes	10 - 20 l/ha	2 - 3 l/ha	During vegetative growth and after flowering to contrast internal browning and hollow tubers
FLOWERS AND ORNAMENTALS	5 - 8 l/ha	1 - 1.5 l/ha	To strengthen stems, to increase the leaves and the coloring

*Foliar applications referred to standard water volumes

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

Total Nitrogen (N)	8.8% w/w	13.2% w/v
Nitric Nitrogen (N)	8.8% w/w	13.2% w/v
Calcium oxide (CaO) soluble in water	10.0% w/w	15.0% w/v
Magnesium oxide (MgO) soluble in water	5.0% w/w	7.5% w/v

PHYSICAL AND CHEMICAL PROPERTIES

Density at 20°C:	1.5 g/ml
pH (1% w/w aqueous solution at 20°C):	6.0 ± 0.5 u. pH
E.C. (1 g/l in deionized water at 20°C):	830 µS/cm

