



FITONATURA

ROYAL SYNERGY

INCREASING WITH QUALITY

ROYAL SYNERGY is a perfectly balanced liquid fertilizer containing calcium, magnesium and nitrogen.

The high purity of the raw materials and the absolute stability of the formulation make it suitable for foliar use and in fertigation. With **ROYAL SYNERGY**, magnesium and calcium deficiencies are prevented and, thanks to the vegetative boost, the crop can complete its development cycle in the best way.

The colour and resistance of the fruit have improved and there is a marked action on recovery from water imbalance.

The formulation is miscible with the most common agrochemicals.

ROYAL SYNERGY is compatible with most herbicides and pesticides commonly used in agriculture; if used at high dosage, do not mix with products containing phosphorus. For sensitive crops, make a preliminary test on a few plants before making extensive applications.

EC FERTILIZER
INORGANIC STRAIGHT FLUID FERTILIZER
CALCIUM NITRATE SOLUTION N (Ca - Mg) 8,8 (10 - 5)

Ratio 2:1 Ca - Mg

*Sinergy between
Calcium and Magnesium*



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% w/w	(15% w/v)
Magnesium oxide (MgO) soluble in water	5% 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

Electrical conductivity
(1 g/l in deionized water at 20°C): 830 µS/cm

CROPS

APPLICATION RATES

FERTIGATION

FOLIAR*

STAGES AND RECOMMENDATIONS

FRUIT TREES AND STRAWBERRIE	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	5 - 10 l/ha	2 - 2,5 l/ha	During vegetative growth also to contrast tip burn
Tomato, eggplant and pepper	5 - 10 l/ha	2 - 3 l/ha	After fruit set to contrast blossom end-rot
Cucurbits	5 - 10 l/ha	2 - 3 l/ha	During the whole crop cycle to reduce desiccation of leaf stalk, vitrescence, blossom and leaf margin
Fennel and celery	5 - 10 l/ha	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