



FITONATURA

ROYAL CALFEED

THE ACID WS FERTILIZER WITH CALCIUM

ROYAL CALFEED is a water-soluble NPK fertilizer with calcium and trace elements.

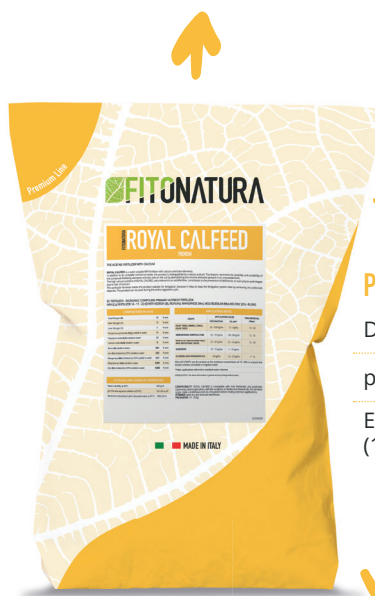
In addition to its complete nutritional intake, the product is distinguished by a clearly acid pH. This feature maximizes the solubility and availability of the contained fertilizing elements and also acts on the soil by demobilizing the mineral elements present in an unavailable form. The high calcium content of **ROYAL CALFEED**, very relevant in an acid fertilizer, contributes to the prevention of deficiencies or even physio-pathologies due to lack of calcium. The particular formula makes the product suitable for fertigation, because it helps to keep the fertigation system clean by removing any carbonate deposits. The product can be used during the entire vegetative cycle.

ROYAL CALFEED is compatible with most herbicides and pesticides commonly used in agriculture, with the exception of alkaline and mineral oils. For sensitive crops, make a preliminary test on a few plants before making extensive applications.

EC FERTILIZER - INORGANIC COMPOUND PRIMARY NUTRIENT FERTILIZER
NPK (Ca) FERTILIZER 14 - 11 - 22 (8) WITH BORON (B), IRON (Fe), MANGANESE (Mn),
MOLYBDENUM (Mo) AND ZINC (Zn) - BLEND

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

Total Nitrogen (N)	14% w/w
Nitric Nitrogen (N)	10% w/w
Ureic Nitrogen (N)	4% w/w
Phosphorus pentoxide (P ₂ O ₅) soluble in water	11% w/w
Potassium oxide (K ₂ O) soluble in water	22% w/w
Calcium oxide (CaO) soluble in water	8% w/w
Boron (B) soluble in water	0,01% w/w
Iron (Fe) chelated by EDTA soluble in water	0,02% w/w
Manganese (Mn) chelated by EDTA soluble in water	0,01% w/w
Molybdenum (Mo) soluble in water	0,001% w/w
Zinc (Zn) chelated by EDTA soluble in water	0,002% w/w



Micro in chelated form (EDTA)

NPK with Calcium

PHYSICAL AND CHEMICAL PROPERTIES

Density at 20°C: 420 g/l

pH (1% w/w aqueous solution at 20°C): 3,0 ± 0,5 u. pH

Electrical conductivity (1 g/l in deionized water at 20°C): 1400 µS/cm

Acid pH

CROPS	APPLICATION RATES		STAGES AND RECOMMENDATIONS
	FERTIGATION	FOLIAR*	
FRUIT TREES, GRAPES, CITRUS, OLIVE TREE, TROPICAL FRUITS	-	3 - 5 kg/ha	From early fruit set every 15 days. The dosage of 5 kg/ha grants higher weight and better consistency to the fruit and improve shelf life.
STRAWBERRY AND SMALL FRUITS (BERRIES)	-	2 - 3 kg/ha	From early fruit set every 15 days
HORTICULTURE	5 - 10 kg/ha	3 - 5 kg/ha (open field)	From early fruit set
FLOWERS, ORNAMENTALS AND NURSERIES	2 - 3 kg/ha	250 g/hl (greenhouse)	Every 15 - 20 days and in stress conditions
SOILLESS CROPS	Use the product for the preparation of the stock solution in order to increase calcium concentration and dilute in irrigation water		

* Foliar applications referred to standard water volumes