

CALFON Line



WATER-SOLUBLE FERTILIZERS OF ACID REACTION CONTAINING CALCIUM

Water-soluble fertilizers of acid reaction are able to sustain the plant during the entire cultivation cycle, fulfilling suitably all nutritional needs. Acid pH values allow not only for greater availability of the nutritional elements (especially microelements), but also for the reduction of insolubilization and precipitation phenomena, which consequently guarantees a better functionality of the fertigation systems.

Indeed, the CALFON line contributes to the reduction of the bicarbonates present in irrigation waters, allowing for the use of our formulas even in hard, alkaline-pH waters.

The ability of reducing bicarbonates and the use of selected raw materials with high purity and solubility create a clear, precipitate-free stock solution, thus guaranteeing the optimal availability of nutritional elements to the plant.

The common characteristic of the CALFON line fertilizers is the high content of calcium, an essential element for both the quantity and quality of the harvest, which positively affects the consistency of the vegetal tissues, as well as the fruits' weight and color. Moreover, the presence of microelements prevents the onset of deficiencies.

CALFON 14-11-22+8CaO + MICRO fertilizer with a balanced concentration, is suitable for the entire cultivation cycle, especially during the stage of vegetative growth and fruit development.

CALFON P 8-34-16+8CaO + MICRO fertilizer free from UREA, is the ideal solution for phases during which there is a high demand for phosphorus, such as rooting and flowering.

CALFON K 12-8-28+8CaO + MICRO fertilizer free from UREA, allows, when administered in the maturation phase of the fruits, for the improvement of the fruits' quality, increasing their sugar content, weight and color.



WHY CHOOSE THE CALFON LINE

CALCIUM CONTENT IN SYNERGY WITH PHOSPHORUS

PRODUCTS OF AN ACID REACTION

CONTRIBUTES TO THE REDUCTION OF BICARBONATES

APPLICATION RATES

CROPS	CALFON DOSES		STAGES AND RECOMMENDATIONS	CALFON P & CALFON K DOSES		INTERVAL (DAYS)
	FERTIGATION	FOLIAR*		FERTIGATION	FOLIAR*	
FRUIT TREES, GRAPES, CITRUS, OLIVE TREES	25 - 100 kg/ha	3 - 5 kg/ha	During vegetative growth and from fruit set until beginning of ripening	15 - 40 kg/ha	3 - 5 kg/ha	15 - 20
GREENHOUSE HORTICULTURE	25 - 75 kg/ha	150 - 350 g/hl		25 - 75 kg/ha	150 - 350 g/hl	12 - 15
HORTICULTURE IN OPEN FIELD AND INDUSTRIAL CROPS	25 - 50 kg/ha	2.5 - 4.5 kg/ha	During vegetative growth	15 - 50 kg/ha	2.5 - 4.5 kg/ha	15 - 20
NURSERIES	10 - 15 kg/ha	1 - 1.5 kg/ha		-	-	-
FLOWERS AND ORNAMENTALS	25 kg/ha	1.5 - 2.5 kg/ha		25 kg/ha	1.5 - 2.5 kg/ha	7 - 12

SOILLESS CROPS: use the product for the preparation of the stock solution at the maximum concentration of 15-20% and dilute in irrigation water

*Foliar applications referred to standard water volumes

COMPOSITION % w/w													
	N-tot %	N-nit %	N-amm %	N-ur %	P ₂ O ₅ sol in H ₂ O %	K ₂ O sol in H ₂ O %	CaO sol in H ₂ O %	B sol in H ₂ O %	Fe (EDTA) sol in H ₂ O %	Mn (EDTA) sol in H ₂ O %	Mo sol in H ₂ O %	Zn (EDTA) sol in H ₂ O %	
CALFON	14	10	-	4	11	22	8	0.01	0.02	0.01	0.001	0.002	
CALFON P	8	5.5	2.5	-	34	16	8	0.01	0.02	0.01	0.001	0.002	
CALFON K	12	12	-	-	8	28	8	0.01	0.02	0.01	0.001	0.002	

PHYSICAL AND CHEMICAL PROPERTIES				
	Water solubility at 20°C (g/l)	pH (1% w/w aqu. sol.)	Electrical conductivity 1 g/l aqu. sol. (µS/cm)	Effect of 1 g/l of product on bicarbonates (*determined in medium hardness water)
CALFON	420	3.0 ± 0.5	1400	-80 mg/l HCO ₃ ⁻
CALFON P	200	3.0 ± 0.5	1100	-50 mg/l HCO ₃ ⁻
CALFON K	180	3.0 ± 0.5	1300	-40 mg/l HCO ₃ ⁻