

CLOROFILLA K



PREVENTS AND TREATS IRON DEFICIENCY ENHANCES PLANT RESPONSE TO ABIOTIC STRESS IMPROVES PHOTOSYNTHETIC EFFICIENCY PROMOTES ACTIVITY AND DEVELOPMENT OF RHIZOSPHERE BACTERIA ALLOWED IN ORGANIC FARMING

CLOROFILLA K is an organo-mineral formulation with a high presence of iron and potassium. Iron is bound to a particular organic complex that can be easily absorbed and translocated in the plant, thus preventing and treating potential ferric chlorosis. When applied to any crop either through the roots or through the leaves, it stimulates a rapid and greening activity.

CLOROFILLA K stimulates the synthesis of chlorophyll, it enhances photosynthesis and respiration, it promotes the synthesis of organic compounds, it triggers redox reactions and it acts synergistically with molybdenum in reducing the amounts of nitrates.

Thanks to its content in specific amino acids, CLOROFILLA K organic matrix stimulates the plant to an important osmo-protective activity as a reaction to abiotic stress (due to excessive salinity, water shortage, high temperature) and keeps the cells' metabolic functions active. When applied through the roots, CLOROFILLA K positively affects the activity and the development of the rhizosphere microorganisms, further improving iron absorption. The acidic pH and the low conductivity are such that both toxicity and incompatibility can be excluded.

CROP	TIME OF APPLICATION	DOSE FOGLIARE*	FERTIGATION DOSE*
Grapes e Kiwifruit	From early vegetative phases, preventative applications preferably at pre- and post-flowering, or curative applications at the appearance of iron-deficiency chlorosis. 2-3 applications every 8-10 days	2-4 Kg	20-40 Kg
Stone fruits (Plum, Peach, Nectarine, Cherry, Apricot) e Pome fruits (Pear, Apple, Quince)	From early vegetative phases, preventative applications preferably at pre- and post-flowering, or curative applications at the appearance of iron-deficiency chlorosis. 2-3 applications every 8-10 days	2-4 Kg	20-40 Kg
Olive e Citrus (Tangerine, Lemon, Clementine, Bergamot, Orange)	From early vegetative phases, preventative applications preferably at pre- and post-flowering, or curative applications at the appearance of iron-deficiency chlorosis. 2-3 applications every 8-10 days	2-4 Kg	20-40 Kg
Fruiting vegetables (Pumpkin, Zucchini, Tomato, Pepper, Melon, Eggplant, Cucumber, Watermelon)	From early vegetative phases, preventative applications preferably at pre- and post-flowering, or curative applications at the appearance of iron-deficiency chlorosis. 2-3 applications every 8-10 days	2-4 Kg	20-40 Kg
Industrial crops (Tobacco, Soybeans, Industrial tomato, Sunflower, Cotton, Rapeseed, Sugarcane, Beets)	From early vegetative phases, preventative applications preferably at pre- and post-flowering, or curative applications at the appearance of iron-deficiency chlorosis. 2-3 applications every 8-10 days	2-4 Kg	20-40 Kg
Flower crops (geranium and chrysanthemum in particular)	From early vegetative phases, preventative applications preferably at pre- and post-flowering, or curative applications at the appearance of iron-deficiency chlorosis. 2-3 applications every 8-10 days	2-4 Kg	20-40 Kg

COMPOSITION		PHYSICO-CHEMICAL FEATURES	
Total nitrogen (N)	3%	LIQUID	
Organic nitrogen (N)	3%	pH (sol 1%)	1.5
Carbon (C) of biological origin	8.5%	Conductivity E.C. $\mu\text{S}/\text{cm}$ (1‰)	850
Potassium oxide (K_2O) soluble in water	7%	Density (g/cm^3)/Specific weight	1.29
Iron (Fe) soluble in water	6%	PACKAGING: 1 - 5 - 20 KG	

The choice of the dose is subordinated to various factors and can be varied when necessary. All applications can be repeated in relation to the different crop needs. You can contact our Technical Service for the correct application on specific soils and under specific climate conditions.