FunStop

PHYTOFORTIFIER
To strengthen the leaf epidermis
creating a barrier against stress

Provides potassium, microelements, and silicon

Enhances the quality of the final production

Supports the plant's endogenous defence system

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Characteristics

FunStop is a phytofortifier based on potassium, microelements (Mn, Zn), and silicon, formulated to optimize the nutritional supply of plants and activate their natural defence mechanisms under stress conditions. Thanks to its advanced formulation, **FunStop** ensures high adhesion and uniform distribution on treated surfaces, quickly covering the external tissues of the plant and reducing the available surface for pathogens (such as the causal agents of powdery mildew, scab, rice blast, etc.). Moreover, potassium (K) is an essential nutrient involved in numerous fundamental metabolic processes, including photosynthesis, protein and pigment synthesis, stomatal opening, and sugar transport. Its high concentration promotes increased cell turgor, greater sugar accumulation in fruits, and strengthens the leaf epidermis, improving its mechanical resistance. The microelements (Mn, Zn) present in the product are essential for the plant (photosynthesis, chlorophyll synthesis, amino acids and proteins, phytohormone regulation), and being readily assimilable, they promote growth, development, and resistance to biotic and abiotic stress. The formulation is further enhanced by the presence of silicon (SiO_2), which interacts synergistically with the other elements, contributing to the mechanical reinforcement of the leaf epidermis through the deposition of opaline concretions, creating a further physical barrier that hinders pathogen attacks.

Composition

Water-soluble potassium oxide (K_2O)	39,0%	Total manganese (Mn)	0,5%
Total zinc (Zn)	0,5%	Silicon (SiO_2)	0,1%

Raw materials: potassium carbonates and sulphates, zinc oxide and manganese salt.

Doses and Instructions

CROPS	FOLIAR APPLICATION	DOSE g/hl*
Fruit trees	From the vegetative restart phase to the end of the cycle	400-500
Pome fruits crops	Application every 8-10 days (max 8 treatments)	400-500
Horticultural crops	From the transplant phase to the end of the cycle	400-500
Industrial crops	From the transplant phase to the end of the cycle	400-500

* The doses are indicative and should be adjusted based on the characteristics of the area and the specific needs of each crop.

Formulation	Packaging	pH (sol. 6 %)	Conductivity (sol. 10 %)
Soluble powder	1-5-10 kg	~ 8,3	~ 73,8 dS/m

Warnings

When used in mixture with other products, it is recommended to carry out preliminary tests on small areas and on a limited number of plants. There have been reports of slight phytotoxicity in apple trees (Golden Delicious) and Muscat grapes. It is recommended to maintain an alkaline pH and, in any case, not lower than 7.0 for the product. Do not use in mixture with acidic products, products with acid reaction, NPK fertilizers, copper oxide and copper oxychloride, or EC formulations. Please, do not exceed the maximum recommended dose of 500 g/hl. Do not apply at high temperatures (T > 30°C) or under strong sunlight exposure.

Technical Notes

FOLIAR APPLICATION

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