Giove alfa

No deficiencies without problems.
Total coverage

Authorized in Organic Farming
DL 75-2010 - Regulation(CE) n. 889/2008

It supply every trace elements essentiale to the plant.

Total solubility – Any Phytotoxicity

Vegetal extracts

Trace elements complexed > 85%

Absorption by stomata and by cuticle

Translocation into the leaf

Stability at pH 2-9

Formulatione:

Water sioluble microgranules

Bioactive Compounds

Bioactive Element	Definition	Function forformed in the product
Activated lignosulphonates	We apply a unique enzymatic process to the classical LS: that's improve the activity	Improvement of % of complexed trace elements Stables at pH 2-9 Improvement of product solubility.
FULVIC ACIDS Selection of compounds with regenerative activity	Humic compounds at low molecular weight High biostimulant activity at foliar and roots level	improve the formeability of cell membrane and of the leaf cell cuticle (uptake and photosynthesis improvement)
Elementary S	S from mines. Very pure	It stimulates the plant to synthetize enzymes Fundamental for essential Aminoacides
Mg from vegetal source	Mg extracted from the lignin, totally assimilable	It improves photosynthesis
Microelements	Essential nutrients for special physiological activity	They reduce the generic deficiency of all the microelements

Dosages

Crop	Foliar
Orchard	2.0 - 2,5 Kg/Ha for appl
Grape wine	2.0 - 2,5 Kg/Ha for appl
Industrial (corn, rice, cereal)	1.0 - 1,5 Kg/Ha for appl
Processing tomato, melon Watermelon	0,8 – 1.0 Kg/Ha for appl
Potato	0,8 – 1.0 Kg/Ha for appl
Greenhouse tomato	1.0 – 1.2 Kg/Ha for appl
Greenhouse Pepper - Eggplant	1.0 – 1.2 Kg/Ha for appl
Greenhouse Zucchini	1.0 – 1.2 Kg/Ha for appl
Salads	0,8 – 1.0 Kg/Ha for appl
Other crops under greenhouse (cucumber, other fruit vegetables)	1-1,2 Kg/Ha for appl

The number of application is releated to the gravity of the deficiency
Apply every 7-10 days.

Label

EC FERTILISER. **Solid Mixture of Microelements LSA with Magnesium and Sulphur. Complexed mixture of Zn – Fe - Mn – Cu – B - Mo (MgO,SO3)** **COMPOSITION**	
Zinc (Zn) soluble in water	0,6%
Total zinc (Zn) complexed	0,6%
Iron (Fe)) soluble in water	4%
Total Iron (Fe) complexed	4%
Manganese (Mn) soluble in water	3,5%
Total manganese (Mn) complexed	3,5%
Copper (Cu) soluble in water	0,3%
Total Copper (u) complexed	0,3%
Boron (B) soluble in water	0,7%
Molibdenum (Mo) soluble in water	0,2%
Magnesium (MgO) soluble in water	8%
Sulphur Oxide (SO3) soluble in water	14 %
All the microelements complexed by lignosulphonates acid (LSA) is stable in the pH range 3-8.5. **FORMULATION: soluble Microgranules** **To be used only where there is a recognized need. Do not exceed the appropriate dose rates.**	
ALLOWED IN ORGANIC FARMING **Raw materials: lignosulphonates of Copper, Iron, Manganese, Zinc, Sodium Molibdate, Octoborate of K,**	

Positionning

Raw Material

Special Vegetal Extracts

Activated lignosulphonates

Fulvic Acids Hydrolyzed

from South Africa fossil leonhardite

Elementary sulphur

Synergic with N for enzymes synthesys

Mg

Magnesium from vegetal origin

Microelements

- Fe – Mn – Zn – Cu – Mo - B

Process

Activated lignosulphonates by complex enzymatic systems in order to improve the % of trace element complexation
Fulvic acids extracted by KOH

Liquid blend and following drying at T° > 600 °C to keep intact all the biostructural features

Functioning

The % of complexation (minimum 90%) allows lowering the shortage in comparison with classical LS: more solubility

The Fulvic acids improve the permeability of cell membrane and of the leaf cell cuticle (uptake and photosynthesis improvement)

Immediate penetration and release of the microelement into the leaf

Objectives

It reduces deficiency problems

It reduces the cost for the farmer

It eliminate phytotoxicity problems

It stimulates the plant to synthetize enzymes

It improves photosynthesis

Note

To be used only in case of real need

Allow the rate suggested in the label