



# Giove beta

Stimulate setting and sugar accumulation



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

**B for setting, K and B for the sugar accumulation,  
Zn and S for the enzyme activity, Mg for the  
photosyntesys**

**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**



**Formulation:**

**Water soluble microgranules**



# Bioactive Compounds

Bioactive Element	Definition	Function performed in the product
<b>Activated lignosulphonates</b>	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.
<b>FULVIC ACIDS</b> <b>Selection of compounds with regenerative activity</b>	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)
<b>Elementary S</b>	S from mines. Very pure	It stimulates the plant to synthesize enzymes Fundamental for essential Aminoacides
<b>Mg from vegetal source</b>	Mg extracted from the lignin, totally assimilable	It improves photosynthesis
<b>Microelements</b>	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 Pepfor - 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 related to the gravity of the deficiency  
Apply every 7-10 days.



# Label

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**EC FERTILISER.**

**Solid Mixture of Microelements LSA with Magnesium and Sulphur. Complexed mixture of Zn – B (MgO,SO3)**

**COMPOSITION**

<b>Zinc (Zn) soluble in water</b>	<b>1,5%</b>
<b>Total zinc (Zn) complexed</b>	<b>1,5%</b>
<b>Boron (B) soluble in water</b>	<b>6%</b>
<b>Magnesium (MgO) soluble in water</b>	<b>6%</b>
<b>Sulphur Oxide (SO3) soluble in water</b>	<b>6%</b>

**The product contains also 18,5% of K2O**

**All the microelements complexed by lignosulphonates acid (LSA) are stables 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 Zinc, Octoborate of K,**

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# Positioning



## Raw Material

### Special Vegetal Extracts

Activated lignosulphonates

### Fulvic Acids Hydrolyzed

from South Africa fossil leonhardtite

### Elementary sulphur

Synergic with N for enzymes synthesis

### Mg

Magnesium from vegetal origin

### Microelements

- Zn - 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  $T^{\circ} > 600^{\circ}\text{C}$  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



## Obiettivi

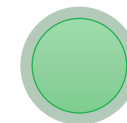
It reduces deficiency problems

It reduces the cost for the farmer

It eliminates phytotoxicity problems

It stimulates the plant to synthesize enzymes

It improves photosynthesis



## Note

To be used only in case of real need

Allow the rate suggested in the label