



*Authorized in Organic Farming  
DL 75-2010 - Regulation(CE) n. 889/2008  
del 19 febbraio 2007 punto E.3.2.  
Complexing agents*

# DIONE

Restore the plant if  
extreme stresses

Wake up blocked plants. Stimulates  
root cells division.

It penetrates through the cuticle if  
stomata are closed.



**Formulation:**  
water soluble **Microgranules**



# Bioactive Compounds

Bioactive Element	Definition	Function performed in the product
<b>Microfats</b>	Microscopic Fat molecules totally similar to the cell membrane	They found with cells membrane, dilating foliar structure when collapsed
<b>CITOKININE S (Zeatin, Kinetin, Isopentenyladenine) cytokinin like activity</b>	Natural compounds that stimulate the internal production of hornmonlike substances of the Cytokinin family	Increase cellular multiplication of fruit and pulp - healing effect - delay of senescence - chlorophyll protection - increased protein synthesis - stimulates apical dominance
<b>AUXINE Auxin like activity</b>	Natural compounds that stimulate the internal production of hornmonlike substances of the Auxin family	It enhances the multiplication of roots, stimulates the relaxation of apical cells and leaf surface. Reduces the activity of enzymes that alter chlorophyll
<b>FULVIC ACIDS Selection of compounds with regenerative activity</b>	Humic compounds at low molecular weight High biostimulant activity at foliar and roots level	Stimulate the synthesis of enzymes. They favor stomata opening and radical absorption
<b>Monosaccharides</b>	Simple sugars (Glucose, Fructose etc.)	readily assimilated energy



# Dosages

**Apply every 2-3 days**

Crop	Foliar	Fertigation
<b>Completely blocked plants</b>	<b>5 Kg/Ha x 1 appl.</b>	<b>7-8 kg/ha x 1 appl</b>
Orchard	1-1,2 Kg/Ha for 1-2 appl	3-4 Kg/Ha for 2-3 appl
Grape wine	0,8-1,2 Kg/Ha for 2-3 appl	2,5-3 Kg/Ha for 3-4 appl
Industrials (Corn, rice, cereals)	1-1,2 Kg/Ha for 1 appl	3-4 Kg/Ha for 1 appl
Processing tomato, melon Watermelon	1-1,2 Kg/Ha for 1-2 appl	3-4 Kg/Ha for 3-5 appl
Potato	1-1,2 Kg/Ha for 2-3 appl	2,5 -3-Kg/Ha for 4-6 appl
Greenhouse tomato	1,2-1,5 Kg/Ha for 3-4 appl	3,5-5 Kg/Ha for 5-7 appl
Greenhouse Pepper - Eggplant -	1,5-2.0 Kg/Ha for 1-2 appl	5-6 Kg/Ha for 1-2 appl
Greenhouse Zucchini	2.0-2.5 Kg/Ha for 2-3 appl	5.5-7.0 Kg/Ha for 1-2 appl
Salades	1-1,2 Kg/Ha for 1-2 appl	3-4 Kg/Ha for 3-5 appl
Other crops under greenhouse (cucumber, other fruit vegetables)	1-1,2 Kg/Ha for 1-2 appl	3-4 Kg/Ha for 3-5 appl



# Label

CE FERTILIZER: Solid Mixture of Microelements LSA Complexed	
COMPOSITION	
Zinc (Zn) soluble in water	2.0
Total zinc (Zn) complexed	2.0
Iron (Fe) soluble in water	2.0
Total Iron (Fe) complexed	2.0
Manganese (Mn) soluble in water	1.0
Total Manganese (Mn) complexed	1.0
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. <b>ALLOWED IN ORGANIC FARMING</b> <b>Raw materials:</b> lignosulphonates of Zinc, Fe, Mn, solid extract of seaweed <i>Ascophyllum Nodosum</i>	



# Positioning



## Raw Material

### Special Vegetal Extracts

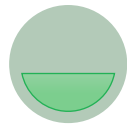
Selected Fulvic acids  
Microfats  
Monosaccharides

### Enzymatic hydrolyzed of *Ascophyllum Nodosum*

hormon like compounds ((Auxin - Cytokinin)  
Polyphenols

### Nutrienti

Microelementi  
fondamentali



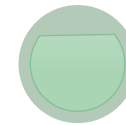
## Process

Enzymatic hydrolyzed  
neutral environment  
at T° and pH  
controlled.



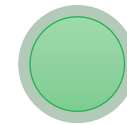
## Functioning

Auxins stimulate root  
cells division  
Microfats promote  
foliar uptake thank  
you to the  
compatibility with the  
cell membrane  
Cytokinin stimulate  
vegetal  
development  
Monosaccharides  
bring ready energy  
for the plant



## Obiettivi

Wake up plants  
blocked from  
extreme stresses  
(Frost, Phytotoxicity,  
Drought, excessive  
yield charge)  
Promotes a fast root  
restore  
Stimulates stomata  
opening  
Supply ready energy,  
available to the plant  
also in extreme  
climatic condition



## Note

Totally soluble. Any  
problem of filters  
blocking  
Allowed at ultra low  
volumes