



# ecoferti

**bio**fertilizers  
**bio**stimulants  
**bio**control

CATALOGUE

2024



**BIOFERTI** vivifying soils and plants

## What does the regenerative **agroecological model** propose?

1. A living soil is transformed to the digestive system of the plant where the minerals necessary for its optimal development are metabolized.
2. Insects, pests and diseases are just symptoms of a nutritional deficiency.
3. Photosynthesis is the fundamental tool for the correct development of the plant.
4. The success of a high quality crop depends on its photosynthetic capacity and this depends on the correct interaction of the system: Soil-air-water-plant.
6. Healthy plants resist pests and diseases.
7. Mineral nutrition promotes plant immunity.
8. Microbial metabolites are the most efficient source of mineral nutrition.
9. Quality increase the yield [focusing on quality leads to better yields].
10. Healthy soils create healthy plants. Healthy plants create healthy soils.

Key points for increasing yield and plant health.

- Increase efficient photosynthesis to develop healthy crops.
- Regeneration of soil health. Correct structure, organic matter and balance of minerals to host a correct microbiological activity and the correct exchange of gases.
- If all these previous points are worked correctly, they are transformed into synergistic elements.
- Plant vitality is directly associated with crop yield.



## The importance of **BIOFERTILIZERS** in plants and their fruits.

- More flavour, taste and aroma.
- Higher density and caliber.
- Higher mineral, vitamin and protein load [therefore more nutritive].
- More flexibility and resistance.
- Longer storage time [post-harvest].
- Nutraceutical properties.
- Greater resistance against pests and diseases, therefore less need for biocides.

**Our mission is to contribute to the regeneration of the soil fertility and plant nutrition, with the aim of to grow healthy and nutritious food through the agroecological management of crop**

Editor  
**Ecoferti S.L.**

Editorial Design  
**GP CreativeThinking**

**www.ecoferti.es**

Product catalogue  
**All rights reserved**

Editorial  
**Ecoferti**  
Torrent  
Spain

**Ecoferti S.L.**  
CIF B40622482  
15, El Palmar St.  
Polígono Mas del Jutge  
46900 Torrent, Valencia  
Spain

*The total or partial reproduction of any of the contents of this magazine is expressly prohibited, without the express written permission of **Ecoferti S.L.**. However, contents of the same may be cited in articles or studies provided that its origin and data of its author are stated.*

*Likewise, the copying, reproduction, adaptation, modification, distribution, commercialization, public communication and / or any other action that involves an infringement of current Spanish regulations and / or international regulations on intellectual and / or industrial property is totally prohibited.*





# INDEX

BIOFERTI

## BIOESTIMULANTS

• BIOFERTIALGAS	7
• BIOFERTI 3Ms	8
• BIOFERTIAMIN24	9
• BIOFERTIAMIN6	10

## DEFICIENCY CORRECTOR

• BIOFERTI BORO	13
• BIOFERTI CALCIO	14
• BIOFERTI ZINC	15
• BIOFERTI FEMOZINC	16
• BIOFERTI HIERRO	17
• BIOFERTI MAGNESIO	18
• BIOFERTI MANGANESO	19
• BIOFERTI MOLIBDENO	20
• BIOFERTI COBRE	21
• BIOFERTI FEZIMAN	22

## SPECIALS

• BIOFERTI CRECIMIENTO	25
• BIOFERTI CRECIMIENTO 2	26
• BIOFERTI ENGRUESE	27
• BIOFERTI MULTIMINERAL	28
• BIOFERTI FLORACIÓN Y CUAJADO	29
• BIOFERTI ENRAIZANTE	30
• BIOFERTI ORMUS	31

## ORGANIC MATTER AND HUMICS

• BIOFERTI HUMIC	33
• BIOFERTI HÚMICA HARINA-EM	34
• BIOFERTI ORGÁN	35
• BIOFERTI ORGÁN PLUS	36
• BIOFERTI TÉ DE COMPOST	37
• BIOFERTI HUMUS LÍQUIDO	37

## BIOCONTROL

• BIOFERTI SK	39
• BIOFERTI URTICA	40
• BIOFERTI COLA DE CABALLO	41
• BIOFERTI KITOSAN	42
• BIOFERTI OLIVA PLUS	43
• BIOFERTI BIONET	44
• BIOFERTI VINAGRE	45
• BIOFERTI BICAR	46

• BIOFERTI BIODIGESTOR DE MATERIA ORGÁNICA	47
--	----





# BIOESTIMULANTS

# BIOFERTI ALGAS

## LIQUID ALGAE BIOSTIMULANT

**BIOFERTI ALGAS** is a natural extract of algae (*Ascophyllum nodosum*) at 28% that favors the physiological processes of plants. Recommended application for the correct development of the crop in flowering, fertilization, fruit set and improves the quality of the harvest. It is indicated to increase the growth, production, consistency and uniformity of the fruits.

**BIOFERTI ALGAS** contains nutrients, enzymes, hydrolyzed protein complexes and stimulants of plant development (auxins, gibberellins, cytokinins and betaines), its use is recommended in any situation of abiotic stress (high temperatures, prolonged drought, frost, etc.).

### PACKAGING

1L

5L

20L

1000L

**SUITABLE  
FOR  
ORGANIC  
FARMING**



### GUARANTEED CONTENT

**Alginic acid:** 5,4 % w/w

**Mannitol:** 1,5 % w/w

**Nitrogen:** 1,68% w/w

**Phosphorus (P205):** 0.25% w/w

**Potassium (K20):** 4,8%w/w

### DOSAGE

#### Foliar route:

A dose of 1-2 l/ha. 3 applications with an interval of 15 days are recommended.

#### Root pathway:

- **Drip irrigation:** from 2 to 3 l/ha and application making 3 to 5 contributions.
- **Spraying and micro-spraying:** from 0.5 to 1 ml / m<sup>2</sup> of culture and application, repeating weekly.





# BIOFERTI 3Ms

## MULTIMINERAL BIOSTIMULANT ENRICHED WITH HUMIC ACIDS

**BIOFERTI 3Ms** is a multiminerall biostimulant that generates a greater potential for plant growth, an increase in self-defense, greater germination of seeds, increase the value and nutritional value of the fruits. It favors the development of the root system and improves the appearance and color of the plant and fruits.

**BIOFERTI 3Ms** allows to correct imbalances due to excess nitrogen fertilizers and toxicity of any agrochemical. Strengthens the resistance of the plant to certain stress conditions. It favors the microbiological activity of the soil. It contains a compendium of minerals of marine origin.

### PACKAGING



**SUITABLE  
FOR  
ORGANIC  
FARMING**



### GUARANTEED CONTENT

**Water-soluble magnesium oxide (MgO):**  
0,422 % w/w

**Water-soluble boron (B):** 100 ppm

**Water-soluble cobalt (Co):** 140 ppm

**Water-soluble copper (Cu):** 146 ppm

**Water-soluble manganese (Mn):** 1613 ppm

**Water-soluble molybdenum (Mo):** 168 ppm

**Water-soluble zinc (Zn):** 1449 ppm

**Water-soluble phosphorus (P205):** 0,3% w/w

**Humic acids** 3, 18 % w/w

**Fulvic acids** 7.21% w/w

**Total humic extract:** 10.39% w/w

### DOSAGE

**Foliar:** apply dissolving 2-4 1iters of product in 100 liters of water (2-4%)

**Root line:** a dose of 50-100 1/ha/year, divided into 4 or 5 applications, with a minimum interval of 15 days between applications.



# BIOFERTI AMIN24

## BIOSTIMULANT FOR METABOLIC PROCESSES 24% FREE AMINO ACIDS

**BIOFERTI AMIN24** is a biostimulant obtained by enzymatic hydrolysis of vegetable proteins. The aminogram consists of L amino acids (left-handed), including tryptophan, glutamine and glutamic acid.

**BIOFERTI AMIN24** is a completely natural product containing natural peptide biological complexes. It is an ideal nutrient for plants that provides them with amino acids and oligopeptides to enhance root development, plant growth, accelerate cell multiplication and enhance hormonal functioning. It contains peptides of low molecular weight that are assimilated with greater efficiency than free amino acids ensuring their use to 100% by plants.

### PACKAGING

1L

5L

20L

1000L

**SUITABLE  
FOR  
ORGANIC  
FARMING**



### GUARANTEED CONTENT

**Total nitrogen:** 4,6 % w/w

**Organic nitrogen:** 4,6% w/w

**Total amino acids:** 29% w/w

**Free amino acids:** 24% w/w

**Organic matter:** 37% w/w

**Aminogram:** alanine (2-3%), aspartic acid (0.5-1.5%), cysteine (0, 1-0.5%), glutamic acid (25-40%), glycine (4.5-7.5%), proline (3-4%), serine (1-2%), tyrosine (0.5-1.5%), arginine (0.5-1.5%), histidine (0.1-1%), isoleucine (0.5-1%), leucine (1-2%), valine (0.5-1.5%), lysine (35-50%), methionine (0, 1-0.5%), phenylalanine (1-2%), threonine (1-2%), tryptophan (0.1-1%).

### DOSAGE AND TIME OF APPLICATION

It can be applied in all phenological stages of the crop from planting or sow until the fruits develop.

**Foliar route:** 300-500 ml/100 litres of water.

**Root canal:** 6-8 l/ha. In weekly applications 3-4 l/ha.





# BIOFERTI AMIN6

## BIOESTIMULANT WITH 6% FREE AMINO ACIDS

**BIOFERTI AMIN6** is a product that results from a balanced formulation of 6% amino acids together with a microbial consortium of lactic acid and photosynthetic bacteria, fungi, yeasts, products and actinomycetes, which increases the productivity, health and biotic fertility of soils.

**BIOFERTI AMIN6** acts by improving the physical, chemical and microbiological properties of the soil, increasing the water retention capacity, the cation exchange capacity and the oxygenation of the root system. It also restores balance in the microbiome of the plant, so it keeps it stronger against pest and disease attacks.

### PACKAGING



**SUITABLE  
FOR  
ORGANIC  
FARMING**



### GUARANTEED CONTENT

**Total nitrogen:** 1.64% w/w

**Organic nitrogen:** 1,55% w/w

**Total amino acids:** 7,5% w/w

**Free amino acids:** 6% w/w

**Aminogram:** alanine (2-3%), aspartic acid (0.5-1.5%), cysteine (0.1-0.5%), glutamic acid (25-40%), glycine (4.5-7.5%), proline (3-4%), serine (1-2%), tyrosine (0.5-1.5%), arginine (0.5-1.5%), histidine (0.1-1%), isoleucine (0.5-1%), leucine (1-2%), valine (0.5-1.5%), lysine (35-50%), methionine (0, 1-0.5%), phenylalanine (1-2%), threonine (1-2%), tryptophan (0.1-1%).

### DOSAGE AND TIME OF APPLICATION

**Foliar route:** from 1 to 2% (10-20 ml per litre)

**Root canal:** 100-150 l/ha/year divided into 3-4 applications. Apply from transplantation or sowing to harvest.











**DEFICIENCY CORRECTOR**



# BIOFERTI BORO

## COMPLEXED BORON FERTILIZER

**BIOFERTI BORO** is a fertilizer that provides the boron plant in an assimilable way. Boron is a regulator of calcium assimilation. It is very important for pollen viability and pollen tube growth. Its lack can cause a marked reduction in production without affecting the vegetative development of the plant; It increases the number of flowers and fruits and is essential in the physiological ripening of seeds. There is a direct relationship of boron with the metabolism and transport of sugars in the plant, as it is involved in the synthesis of sucrose (main transport sugar).

**BIOFERTI BORO** participates in the metabolism of auxins and phenolic compounds, being the regulation of the amount of these substances its fundamental function.

### PACKAGING



**SUITABLE  
FOR  
ORGANIC  
FARMING**



### GUARANTEED CONTENT

**Boron etanolamina soluble in water (B):**

10% w/w

**pH** 3,5 - 4,5

### DOSAGE AND TIME OF APPLICATION

Crop	Aplicación foliar	Fertigation
Alfalfa	1,5-2 L/ha (2 treatments)	-
Betroot	2-5 L/ha	6-8 L/ha
Olive tree	0,5 L/ha	2,5-3 L/ha
Pome fruit	1,5 L/ha (3 applications) Pre-flowering, petal drop and nut-sized fruits)	-
Grapevine	1 L/ha (3 applications: grapesflower bud and fruit set)	-
Stone fruit	1-1,5 L/ha L/ha (2 applications: Floral Buttons & Fall petals)	-
Horticultural	0,5-1 cc/L	2-5 L/ha a (in various applications before and after flowering)

# BIOFERTI CALCIO

## CALCIUM BIOFERTILIZER LIGNOSULFONATE COMPLEXING

Calcium is an indispensable nutrient for plant metabolism and is also primarily responsible for creating structure in soils. It influences the elongation of root cells and the development of the pollen tube. It helps to activate various enzymatic processes and also the development of meristems. It regulates and stimulates the absorption of a large number of nutrients.

**BIOFERTI CALCIO** is important to improve the consistency and hardness of the fruit, since it is part of the structure of the cell wall. Assimilable in a wide pH range.

### PACKAGING

1L

5L

20L

1000L

### GUARANTEED CONTENT

**Calcium oxide (CaO):** 10 % w/w  
**Magnesium oxide (MgO):** 0.44 % w/w  
**pH:** 8,5 - 9,5  
**Total humic extract:** 10% w/w  
**Humic acids:** 3% w/w

### DOSAGE AND TIME OF APPLICATION

**Foliar route:** from 0.2% to 0.3% (from 2 to 3 l per 1000 l of water). In citrus fruits, use higher doses.  
**Root canal:** 20 l/ha per application. Micro-spray: 2 ml/m<sup>2</sup>.





# BIOFERTI ZINC

## COMPLEXED ZINC BIOFERTILIZER

**BIOFERTI ZINC** acts as an activator or regulator of 30 enzymes. The deficiency of this element causes alterations in the internodes of the stem and the size and symmetry of the leaves. Zinc deficiency decreases the content of sucrose, starch, auxins, which determine the size of the leaf, and cell division is inhibited 2-3 times.

**BIOFERTI ZINC** increases crop yields and improves fruit quality (brix grades, polyphenols and colour). The presence of zinc is necessary for efficient moisture absorption by the plant, particularly in dry conditions. Zinc is necessary for the formation of ATP, a molecule that transports energy where it is needed.

### PACKAGING

1L

5L

20L

1000L

**SUITABLE  
FOR  
ORGANIC  
FARMING**



### GUARANTEED CONTENT

**Water-soluble zinc (Zn) (complexed with lignosulfonate): 5 % w/w**

### DOSAGE AND TIME OF APPLICATION

**Foliar route:** 2 to 4 ml per litre of application broth.

**Root canal:** 5 to 8 l/ha



# BIOFERTI FEMOZINC

## BIOFERTILIZER WITH COMPLEXED MICROELEMENTS

**BIOFERTI FeMoZINC** is a perfectly balanced mixture of complexed iron, zinc and molybdenum, used in the preventive and curative control of deficiency states.

**BIOFERTI FeMoZINC** is a defense inducer that makes plants more resistant to situations of biotic and abiotic stress. Molybdenum improves the processes of flowering and fruit set, and nitrogen fixation.

### PACKAGING

1L 5L 20L 1000L

**SUITABLE  
FOR  
ORGANIC  
FARMING**



### GUARANTEED CONTENT

**Water-soluble iron (Fe) (complexed with lignosulfonate):** 3,3% w/w  
**Water-soluble zinc (Zn) (complexed with lignosulfonate):** 1,7% w/w  
**Water-soluble molybdenum (Mo):** 100 ppm

### DOSAGE AND TIME OF APPLICATION

**Foliar route:** 6 to 8 l/ha or 6 to 8 ml per liter of application broth.  
**Root canal:** 6 to 8 l/ha





# BIOFERTI HIERRO

## COMPLEXED IRON BIOFERTILIZER

**BIOFERTI HIERRO** is a complexed iron biofertilizer of high solubility and great efficiency in the prevention and control of ferric chlorosis. Iron is key in the photosynthetic process of the plant since it is part of the cytochromes that act as electron transporters in photosynthesis and respiration. Improves potassium assimilation.

**BIOFERTI HIERRO** generates self-defences in plants against adverse climatic events such as high temperatures, frost, excess rainfall, etc. It works very well in soils with alkaline pH and iron deficiencies.

### PACKAGING

1L

5L

20L

1000L

**SUITABLE  
FOR  
ORGANIC  
FARMING**



### GUARANTEED CONTENT

**Water-soluble iron (Fe)**  
**(Complexed with lignosulfonate): 5 % w/w.**

### DOSAGE AND TIME OF APPLICATION

**Foliar route:** 0.4% - 0,8% per litre of application broth.

**Root canal:** 6 to 8 l/ha



# BIOFERTI MAGNESIO

## MAGNESIUM BIOFERTILIZER WITH HUMIC ACIDS

**BIOFERTI MAGNESIO** is a magnesium sulphate fertilizer (kieserite) that corrects the deficiencies of this element, in addition to providing humic and fulvic acids to the soil. Magnesium is essential in the process of photosynthesis (it is part of chlorophyll).

**BIOFERTI MAGNESIO** actively participates in the transformations of nitrogen in the plant and also allows a better use of potassium and the accumulation of sugars. The contribution of humic and fulvic acids make this product a good pH corrector and magnesium deficiencies.

### PACKAGING

1L

5L

20L

1000L

**SUITABLE  
FOR  
ORGANIC  
FARMING**



### GUARANTEED CONTENT

**Water-soluble magnesium (MgO):** 5 % w/w

**Water-soluble sulphur (S03):** 12,6 %

**pH** 4,3-5,

### DOSAGE AND TIME OF APPLICATION

**Foliar application:** 0.5% to 500 ml in 100 liters of water.

**Root application:** from 10 to 20 l/ha





# BIOFERTI MANGANESO

## COMPLEXED MANGANESE BIOFERTILIZER

**BIOFERTI MANGANESO** is a complexed manganese fertilizer that provides this element to the plant in a highly assimilable way. Manganese deficiency affects carbon dioxide fixation, phosphorylation, and reduction of nitrates and sulfates. Increases the content of sugar, chlorophyll. A manganese deficiency can contribute to low brix levels and pressure associated with insects and diseases and also to a smaller fruit size. It promotes the assimilation of potassium.

**BIOFERTI MANGANESO** increases the ability of tissues to retain water and accelerates development.

### PACKAGING

1L

5L

20L

1000L

**SUITABLE  
FOR  
ORGANIC  
FARMING**



### GUARANTEED CONTENT

**Water-soluble manganese (Mn) (complexed with lignosulfonate):** 5 % w/w

### DOSAGE AND TIME OF APPLICATION

**Foliar route:** from 2 to 4 l/ha or from 2 to 4 ml per litre of application broth.

**Root canal:** 5 to 8 l/ha





# BIOFERTI MOLIBDENO

**BIOFERTILIZER OF COMPLEXED MOLYBDENUM**  
Promotes atmospheric nitrogen fixation

**BIOFERTI MOLIBDENO** is a 3% molybdenum fertilizer, complexed with low molecular weight carboxylic acids. Molybdenum participates in the redox system of the nitrate reductase enzyme, key in nitrogen fixation by the plant. In legumes it is part of nitrogenase, an enzyme that performs the process of biological fixation of atmospheric nitrogen. Molybdenum deficiency causes reduction in the formation and viability of pollen grains. Cucurbits are particularly sensitive to molybdenum deficiency. Its deficiency weakens the process of nitrogen metabolism in plants, accumulating nitrates in tissues. It participates in nucleic acid biosynthesis and photosynthesis. It increases the efficiency of the use of phosphorus and potassium-based fertilizers. Drastically reduces nitrogen loss by denitrification and nitrate washing.

## PACKAGING

1L 5L 20L 1000L

**SUITABLE  
FOR  
ORGANIC  
FARMING**



## GUARANTEED CONTENT

**Water-soluble molybdenum (Mo):** 3 % w/w

## DOSAGE AND TIME OF APPLICATION

**Foliar route:** from 1 to 3 l/ha  
**Root canal:** 2 to 4 l/ha



# BIOFERTI COBRE

## COPPER COMPLEXED FERTILIZER WITH HEPTAGLUCONIC

**BIOFERTI COBRE** is a fertilizer that provides the plant with copper in an assimilable way, correcting its shortcomings. Copper is complexed with heptagluconic acid to improve its solubility and assimilation. It can be applied preventively to avoid physiological problems or curatively to correct an obvious deficiency. It preserves the plant from anomalies derived from abiotic adversities, favoring the synthesis of phytoalexins, and the self-defense system of the plant.

With **BIOFERTI COBRE** the crops will be better nourished and will have greater health, growing with more vigor and thus obtaining higher yields. It increases the fertility of the spikes and helps to intensify the flavor and color in vegetables and flowers.

### PACKAGING

1L

5L

20L

1000L

**SUITABLE  
FOR  
ORGANIC  
FARMING**



### GUARANTEED CONTENT

**Soluble copper:** 5 % w/w complexed with heptagluconic acid.

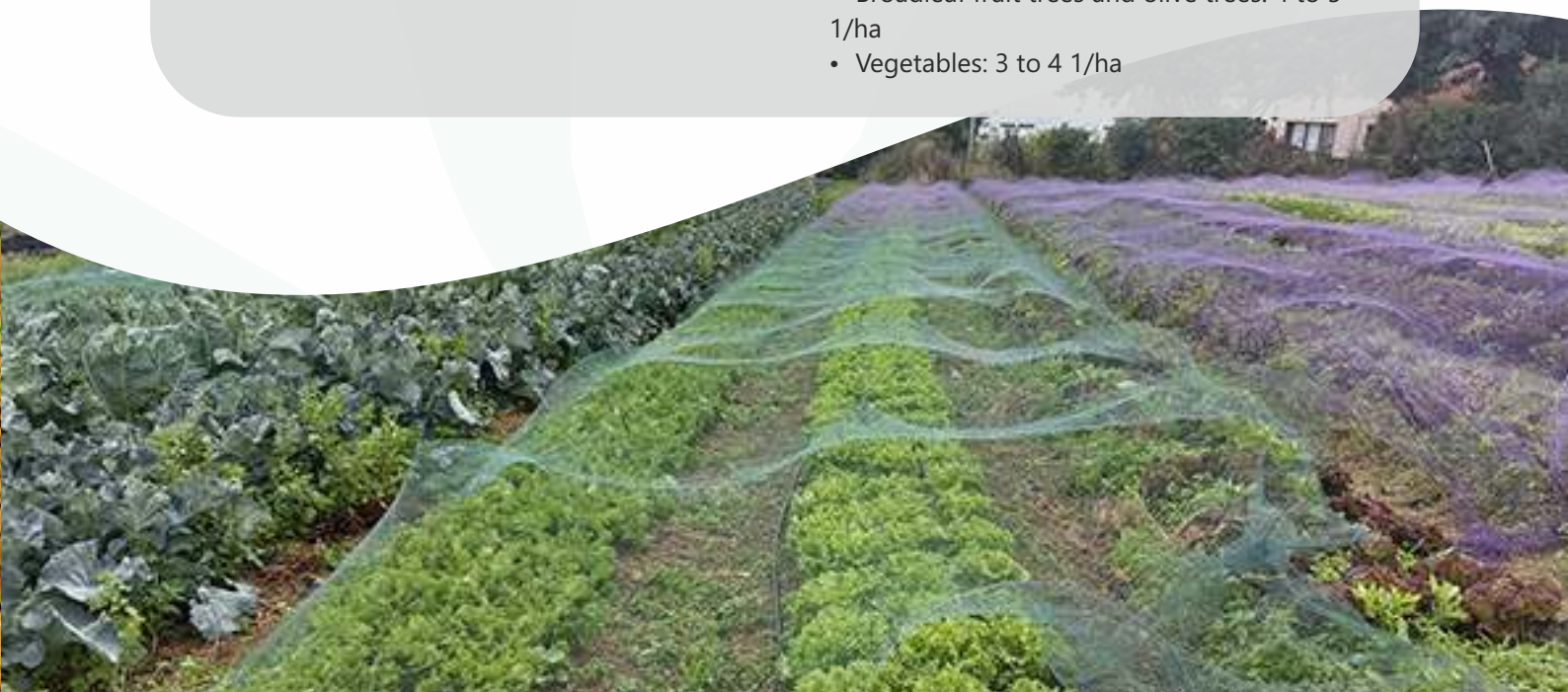
### DOSAGE AND TIME OF APPLICATION

#### Foliar route:

- Citrus: 1.5 to 2 l/ha
- Broadleaf fruit trees and olive trees: 2 to 3 l/ha
- Vegetables: 1.5 to 2 l/ha

#### Root pathway:

- Citrus: 2 to 3 l/ha
- Broadleaf fruit trees and olive trees: 4 to 5 l/ha
- Vegetables: 3 to 4 l/ha





# BIOFERTI FeZiMan

## BIOFERTILIZER WITH COMPLEXED MICROELEMENT

**BIOFERTI FeZiMan** is a perfectly balanced mixture of complexed iron, zinc and manganese, used in the preventive and curative control of deficiency states.

**BIOFERTI FeZiMan** is a defense inducer that makes plants more resistant to situations of biotic and abiotic stress. Deficiencies of zinc, manganese, and Iron are common due to their low availability in the soil by the effect of excessively high pH, and by changes in the (prolonged drought or excessive rainfall, frost, etc.) which reduce the absorption of these nutrients. The Product is especially suitable for the cultivation of citrus fruits, being an ideal complement of micronutrients.

### PACKAGING



**SUITABLE  
FOR  
ORGANIC  
FARMING**

### GUARANTEED CONTENT

**Water-soluble iron (Fe):** 2% w/w  
**Water-soluble zinc (Zn):** 4% w/w  
**Water-soluble manganese (Mn):** 3% w/w  
**pH** 4,5-5,5  
**Density:** 1,13 g/cm<sup>3</sup>  
 (complexed with lignosulfonate)

### DOSAGE AND TIME OF APPLICATION

**Foliar route:** 6 to 8 l/ha or 6 to 8 ml per liter of application broth.  
**Root canal:** 8 to 15 l/ha











**SPECIALS**



# BIOFERTI CRECIMIENTO

## GROWTH BIOSTIMULANT FERTILIZER WITH AMINO ACIDS AND HUMIC ACIDS

**BIOFERTI CRECIMIENTO** is a fertilizer with amino acids of vegetable origin that contains the ideal amount of macronutrients necessary for the crop. It is especially indicated at times of greatest nutritional needs such as crop implantation, appearance of first leaves, beginning of flowering, fruit set and veraison. It is also recommended in nurseries and young plantations as well as in crops damaged due to hail, excessive cold or heat, phytotoxicities, pests, diseases or drought. It also acts as an activator of the microbial flora of the rhizosphere of crops.

### PACKAGING



**SUITABLE  
FOR  
ORGANIC  
FARMING**



### GUARANTEED CONTENT

**Total nitrogen:** 2,31 % w/w  
**Organic nitrogen:** 2,23 % w/w  
**Water-soluble phosphorus:** 3,54% w/w  
**Water-soluble potassium:** 3,60 %w/w  
**Free amino acids:** 2.78% w/w  
**Total amino acids:** 12.9%w/w  
**Humic acids:** 3.3%  
**Aminogram:** Free amino acids: 2,78% w/w 4 - Hydroxyproline (0.0284%) w/w, Aspartic Acid + Asparagine (0.142%) w/w, Glutamic Acid + Glutamine (0.250 w/w), Alanine (0.504%) w/w, Arginine (0.296%) w/w, Cysteine ( <0.0200%) w/w, Cystine ( < 0.0200%) w/w, Phenylalanine (0.154%) w/w, Glycine (0.0333%) w/w, Histidine (0.525) w/w, Isoleucin (0.0748) w/w, Leucine (0.326%) w/w, Lysine (0.142%) w/w, Methionine (0.0649%) w/w, Proline (0.176%) w/w, Serine (O, 153%) w/w, Tyrosine (O, 124%) w/w, Tryptophan ( <0.0200%) w/w, Valine(O, 114%) w/w

### DOSAGE AND TIME OF APPLICATION

#### Foliar route:

- Horticultural and strawberries: 300-500 ml / 100 litres of water
- Citrus and fruit trees: 500-700 ml/100 litres of water
- Vine and olive trees: 300-500 ml/100 litres of water
- Cereals and fodder crops: 5-8 l / ha
- Tropical: 500-700 ml/100 litres of water

**Root canal:** 30 l/ha

**Recommendation:** Make 2 to 4 applications per crop cycle.





# BIOFERTI CRECIMIENTO 2

## FERTILIZER 8-2-3 WITH AMINO ACIDS

**BIOFERTI CRECIMIENTO 2** is a fertilizer (8-2-3) with amino acids of animal origin that contains the ideal amount of macronutrients necessary for cultivation, specially designed for growth stages, where there are greater nutritional needs such as the implantation of crops, appearance of first leaves and also at the beginning of flowering. It provides resistance to water stressors, inclement weather, pests and diseases and a biostimulant effect.

### PACKAGING



**SUITABLE  
FOR  
ORGANIC  
FARMING**



### GUARANTEED CONTENT

**Total nitrogen:** 8 % w/w  
**Water-soluble phosphorus (P205):** 2% w/w  
**Water-soluble potassium (K2O):** 3 %w/w  
**Free amino acids:** 4% w/w  
**Organic matter:** 45%w/w  
**Soluble sulfur:** 2%  
**pH:** 7  
**Density:** 1.2 g/cm3

### DOSAGE AND TIME OF APPLICATION

It is recommended both in foliar and root application throughout the crop cycle.

#### Foliar route:

- Horticultural field: 250 -400 ml / 100 litres of water
- Horticultural greenhouse: 200 -350 ml /100 litres of water
- Vine: 200-400 ml /100 litres of water
- Citrus: 260 - 400 ml/100 litres of water
- Fruit trees: 270 - 400 ml/100 litres of water
- Olive trees: 190-280 ml/100 litres of water
- Ornamental: 250 -450 ml / 100 litres of water

#### Root canal:

- Horticultural field: 10 -20 l/ha
- Horticultural greenhouse: 3-4 l / 10000 m2
- Vine: 15 -20 l/ha
- Citrus: 20 - 30 l/ha
- Fruit trees: 25 - 40 l/ha
- Olive trees: 15 - 30 l/ha
- Ornamental: 2-4 l / 10000 m2
- Extensive summer: 20-30 l/ha
- Extensive winter: 15-20 l/ha



# BIOFERTI ENGRUESE

## FRUIT FATTENING BIOSTIMULANT WITH AMINO ACIDS

**BIOFERTI ENGRUESE** is a special combination of nutrients with amino acids of vegetable origin, which provides the plant with an adequate balance for the fattening and ripening the fruits, positively influencing its physical qualities such as thickness, weight, uniformity, texture and organoleptic qualities such as taste and smell.

**BIOFERTI ENGRUESE** increases fruit setting and fattening. It improves seed formation and induces an increase in size, weight, fruit quality and brix degrees, advancing ripening.

### PACKAGING

1L

5L

20L

1000L

**SUITABLE  
FOR  
ORGANIC  
FARMING**



### GUARANTEED CONTENT

**Organic nitrogen:** 2,56 % w/w

**Water-soluble phosphorus:** 1,40% w/w

**Water-soluble potassium:** 5,65 % w/w

**Water-soluble calcium:** 0,863 % w/w Free amino acids: 5,70% w/w

**Aminogram:** 4 - Hydroxyproline: 0,0322 %w/w; Aspartic Acid+Asparagine: 0.316% w/w; Glutamic acid+glutamine: 2,01 %w/w; Alanine: 0.699% w/w; Arginine: <0.00992 %w/w; Cysteine: <0.00992 %w/w; Cystine: <0.00992 % w/w; Phenylalanine: <0,00992 % w/w; Glycine: 1.06% w/w; Histidine: <0.00992% w/w; Isoleucin: <0.00992% w/w; Leucine: <0,00992 %w/w; Lysine: 1.28% w/w Methionine: <0.00992% w/w; Proline: <0.00992% w/w; Serine: 0,146 % w/w; Tyrosine: <0.00992% w/w; Tryptophan: <0.00992% w/w; Valine: <0.00992% w/w

### DOSAGE AND TIME OF APPLICATION

**Foliar route:** Apply from the 6 true leaves on vegetables and ornamentals. In citrus and fruit trees, from fruit setting to ripening. From 1.2% to 2% (from 12 to 20 l per 1000 l of water).

**Root route:** from the formation of the first fruits to ripening, increasing the doses in the case of citrus and fruit trees in the fattening of the fruit. Root application, in fertigation from 70 to 90 l/ha, subdivided into 4 or 5 applications. In blanket irrigation 100 to 120 l/ha.





# BIOFERTI MULTIMINERAL

## SUPERMAGRO

BIFERTILIZER WITH COMPLEXED MICROELEMENTS

**BIOFERTI MULTIMINERAL** is a biofertilizer. It contains microelements complexed with lignosulfonates that provides and favors the unblocking of many nutrients that are not available to plants. It increases the cation exchange capacity and increases the assimilation of nutrients by containing a wide compendium of marine minerals.

**BIOFERTI MULTIMINERAL** improves soil biostructuring and makes plants more resistant to stress, high temperatures and the presence of pests and diseases.

### PACKAGING

1L 5L 20L 1000L

**SUITABLE  
FOR  
ORGANIC  
FARMING**



### GUARANTEED CONTENT

**Selenium (Se):** 100 ppm  
**Water-soluble boron (B):** 231 ppm  
**Water-soluble cobalt (Co)(complexed with lignosulfonate):** 400 ppm  
**Water-soluble copper (Cu) (complexed with lignosulfonate):** 418 ppm  
**Water-soluble iron (Fe) (complexed with lignosulfonate):** 1.1 % w/w  
**Water-soluble manganese (Mn)(complexed with lignosulfonate):** 4610 ppm  
**Water-soluble molybdenum (Mo):** 300 ppm  
**Water-soluble zinc (Zn) (lignosulfonate complexed):** 4140 ppm  
**Water-soluble magnesium (MgO):** 5240 ppm  
**Water-soluble calcium (CaO):** 145 % w/w  
**Water-soluble phosphorus (P2-O5):** 0,85 % w/w

### DOSAGE AND TIME OF APPLICATION

**Foliar route:** from 2 to 4 l of product in 100 liters of water (2% to 4%).

**Root route:** in general, a dose of 20 to 30 l/ha is recommended, per application or month.

It is recommended from 3 to 5 applications per crop cycle, including 1 per week on greenhouse vegetables.



# BIOFERTI FLORACIÓN Y CUAJADO

## BIOFERTILIZER THAT INDUCES FLOWERING AND FRUIT SET

**BIOFERTI FLORACIÓN Y CUAJADO** is a natural inducer of flowering due to the high content of boron, molybdenum, phosphorus and zinc and other natural inducers. It stimulates the plant processes of flowering, fruit setting and fruit development. Applied before flowering increases the number and quality of flowers, and applied in the setting season enhances the fertilization of flowers

**BIOFERTI FLORACIÓN Y CUAJADO** limits the physiological fall of fruit sets. It has a rapid and marked effectiveness due to the presence of phosphorus, which facilitates the assimilation of boron and molybdenum while synergizing the setting processes.

### PACKAGING

1L

5L

20L

1000L

**SUITABLE  
FOR  
ORGANIC  
FARMING**



### GUARANTEED CONTENT

**Water-soluble boron (B):** 0,5% w/w

**Water-soluble molybdenum (Mo):** 400 ppm

**Water-soluble phosphorus (P2-05):** 1,5 % w/w

**Water-soluble zinc (Zn):** 1 % w/w

### DOSAGE AND TIME OF APPLICATION

**Foliar application:** from 0.5% to 0.7% (from 5 to 7 l per 1000 l of water).

Apply one week before flowering.

**Root application:** from 1 to 2 applications of 10 l/ha.





# BIOFERTI ENRAIZANTE

## ROOT ACTIVATOR WITH AMINO ACIDS AND ALGAE

**BIOFERTI ENRAIZANTE** is a stimulating product of physiological processes that by its composition favors the auxinic hormonal effect of the plant itself (contains algae and free amino acids), which together with organic phosphorus facilitates the emission of new roots, especially absorbent hairs.

**BIOFERTI ENRAIZANTE** is especially indicated to promote and enhance root development; increases nutrient availability and absorption; It improves the general development of the crop especially in adverse environmental situations and increases the precocity, production and quality of the crops.

### PACKAGING



**SUITABLE  
FOR  
ORGANIC  
FARMING**



### GUARANTEED CONTENT

**Total nitrogen:** 1,74 % w/w

**Organic nitrogen:** 1.66% w/w

**Water-soluble phosphorus:** 3,94% w/w

**Water-soluble potassium:** 3,20 %w/w

**Water-soluble calcium:** 0,140% w/w

**Water-soluble magnesium:** 0.495% w/w

**Water-soluble cobalt:** 200 ppm

**Water-soluble molybdenum:** 200 ppm

**Free amino acids:** 5.86% w/w

**Aminogram:** 4-Hydroxyproline: 0.0288 %w/w; Aspartic Acid+Asparagine: 2.67% w/w; Acid Glutamic + Glutamine: <0.0200%w/w; Alanine: <0.0200% w/w; Arginine: 0.0644% w/w; Cysteine: <0.0200 %w/w; Cystine: <0.0200 %w/w; Phenylalanine: <0.0200 %w/w; Glycine: <0,0200 % w/w; Histidine: 1,40 %w/w; Isoleucin:<0,0200 % w/w; Leucine:<0,0200 %w/w; Lysine: 1,50 % w/w; Methionine: <0.0200 %w/w; Proline: <0.0200% w/w; Serine: <0.0200% w/w; Tyrosine: <0.0200 %w/w; Tryptophan: <0.0200% w/w; Valine: <0.0200% w/w

### DOSAGE AND TIME OF APPLICATION

#### Root route:

- Vegetables: 1-3 l/ha
- Citrus and fruit trees: 2-4 l/ha
- Olive trees: 2-4 l/ha
- Vine: 2-4 l/ha
- Tropical: 2-4 l/ha
- Ornamental: 1-3 l/ha

**Foliar route:** 200 ml/100 per litre of water.

**Drench route:** it can be used in all types of seedlings, as a root inducer. 1 ml/l of water used. Perform 2 to 4 applications per crop cycle.

# BIOFERTI ORMUS

## BIOAVAILABLE MARINE MINERAL CONCENTRATE

Seawater contains more than 90 minerals. **BIOFERTI ORMUS** is composed of organic matter and minerals derived from pristine seawater. Unlike other marine minerals **BIOFERTI ORMUS** has never been dried or subjected to heat, as this can destroy the organic compounds in seawater. **BIOFERTI ORMUS** is carefully collected and processed to preserve natural organic seawater.

This concentrate improves crop yields, increases nutrient density in fruits and vegetables, improves the taste, improves the post-harvest life of the fruits and vegetables, improves Brix degrees, increases photosynthesis process, increases antioxidants, increases the metabolic efficiency, increases drought tolerance, increases the soil microbiological diversity and activity, and decreases pest pressure on crops by early trophobiosis.

### PACKAGING



**SUITABLE  
FOR  
ORGANIC  
FARMING**

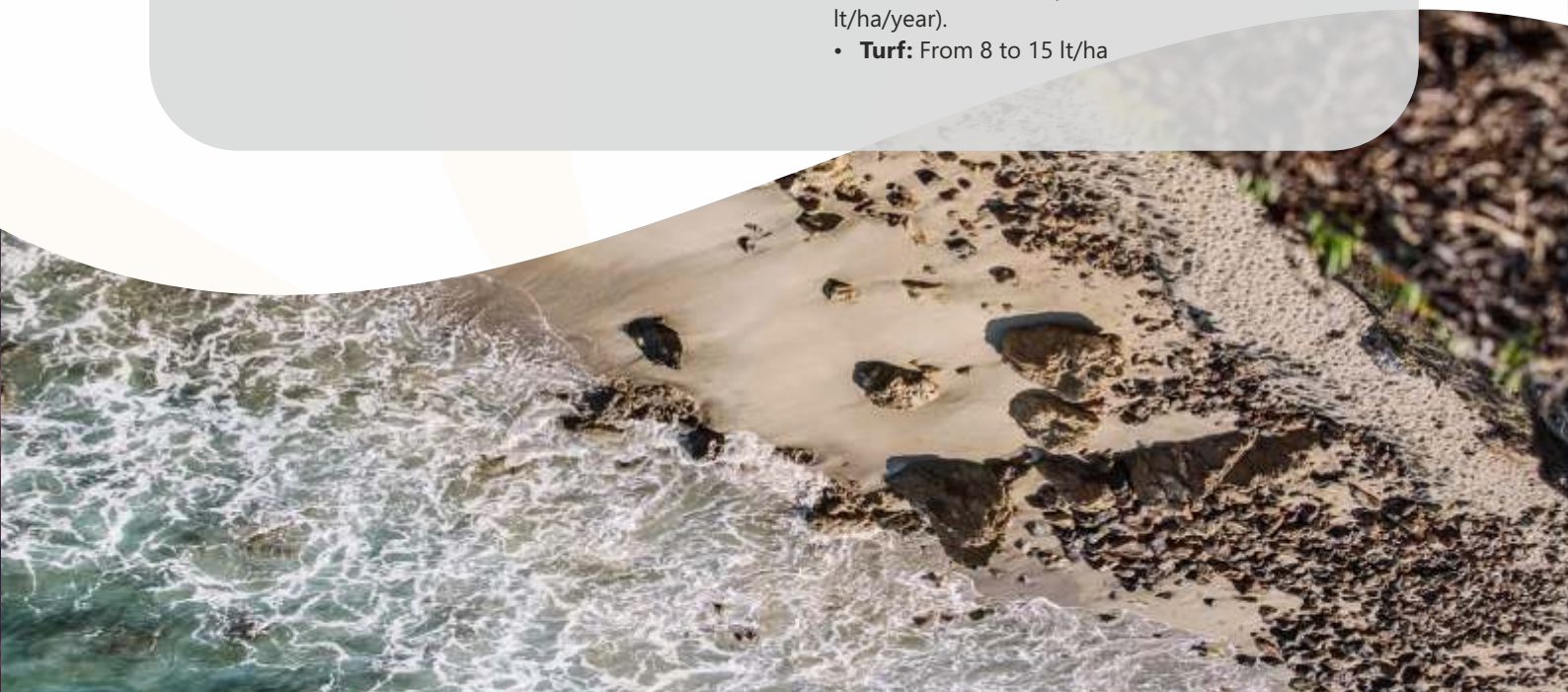
### GUARANTEED CONTENT

**Magnesium** 1280 ppm  
**Calcium** 400 ppm  
**Potassium** 380 ppm  
**Bromine** 65 ppm  
**Strontium** 24 ppm  
**Boron** 13 ppm  
**pH** 10.8  
**Density:** 1.20 g/cm<sup>3</sup>

### DOSAGE AND TIME OF APPLICATION

**Foliar route:** Dilute in water 1 to 2% on the crops. A minimum of 3 is recommended. Seasonal applications applied at intervals of 3 weeks.

- **Horticultural products:** 40 lt/ha per season. (no exceed 90 lt/ha/year)
- **Medium-sized trees (from 0.9 to 2 mts):** 120 ml of Bioferti Ormus concentrated per tree (no exceed 90 lt/ha/year).
- **Large trees (from 2 to 4 mts):** 180 ml of Bioferti Ormus concentrated per tree (no exceed 90 lt/ha/year).
- **Turf:** From 8 to 15 lt/ha







## ORGANIC MATTER AND HUMIC



# BIOFERTI HUMIC

## HUMIC AND FULVIC ACIDS

**BIOFERTI HUMIC** are a fertilizer liquid with humic and fulvic acids of vegetable origin (leonardite), which improve the physical, chemical and biological properties of the soil.

With the application of **BIOFERTI HUMIC** the structure of the soil is improved, the water retention capacity increases, the micronutrients are fixed in the soil (increases the cation exchange capacity CEC), making them more assimilable by plants. The microbiological activity of the soil is favored, nutrient losses by leaching are avoided and the rooting and development of plants is stimulated.

### PACKAGING



**SUITABLE  
FOR  
ORGANIC  
FARMING**



### GUARANTEED CONTENT

**Total humic extract:** 25 % w/w

**Humic acids:** 10% w/w

**Fulvic acids:** 15% w/w

**Water-soluble potassium oxide (K<sub>2</sub>O):** 8.9% w/w.

### DOSAGE AND TIME OF APPLICATION

**Root route:** It is recommended to incorporate 5-10 l/ha week throughout the growing cycle in fruit and vegetable trees in light soils and poor in organic matter.

- Fruit trees: from 1 l to 100 l/ha
- Banana: from 100 to 120 l/ha
- Tomato: from 100 to 120 l/ha
- Citrus: from 120 to 150 l/ha
- Vegetables: from 100 to 120 l/ha
- Cereals: from 60 to 80 l/ha
- Grapevine: from 80 to 100 l/ha





# BIOFERTI HÚMICA HARINA-EM

## HUMIC ACIDS FROM PEAT SOLID FERTILIZER

**BIOFERTI HÚMICA HARINA-EM** is a special combination of highly humidified peat with rock meal and biochar to which efficient microorganisms have been added. Rockmeal of volcanic origin contributes to remineralize the soil with a great diversity of microelements and trace elements. Biochar increases the cation exchange capacity (CEC) of the soil and gives shelter to beneficial microbiology. By containing efficient microorganisms, the quantity and diversity of the soil microbiota is improved.

**BIOFERTI HÚMICA HARINA-EM** contains a high percentage of humic and fulvic acids. It improves the structure of the earth by mixing with it, gives it more sponginess improving in turn the clay humic complex.

### PACKAGING

27kg 1000kg Granel

**SUITABLE  
FOR  
ORGANIC  
FARMING**

### GUARANTEED CONTENT

**Total Organic Matter:** 39% sms  
**Total nitrogen:** 1.14 % w/w  
**Potassium K<sub>2</sub>O total:** 2,7 % w/w  
**Total humic extract:** 15,6 %  
**Humic acids** 7% sms  
**Fulvic acids** 8.6% sms  
**Composition:**  
**Herbaceous peat (H9):** 83%  
**Rock flour (Porphyry):** 10% Biochar: 5%  
**Efficient microorganisms (EM):** 2%w/w

### DOSAGE AND TIME OF APPLICATION

Its application is recommended throughout the crop cycle.

- Citrus: 3 to 6 tons/ha
- Horticultural: 3 to 5 Tn/Ha
- Pineapple: 3 to 5 Tn/Ha
- Banana: 6 to 8 Tn/Ha
- Grapevine: 5 to 6 Tn/Ha



# BIOFERTI ORGÁN

ORGANIC FERTILIZER NK (2,5 - 5) OF VEGETABLE ORIGIN  
WITH 40 % ORGANIC MATTER

**BIOFERTI ORGÁN** is fertilizer liquid rich in organic matter, nitrogen, potassium, fulvic acids and betaine, which favors the assimilation of macro and microelements necessary for the root and vegetative development of plants. The chemical properties of the soil are potentially benefited thanks to the organic principles of **BIOFERTI ORGÁN**, which dynamize the nutrient transaction between the colloidal complex and the roots. It favors microbial activity, increases water retention capacity and improves soil aeration.

## PACKAGING

20L

1000L

SUITABLE  
FOR  
ORGANIC  
FARMING



## GUARANTEED CONTENT

**Total organic matter:** 40% w/w  
**Organic carbon:** 23% w/w  
**Organic nitrogen (N org):** 2.6% w/w  
**Potassium (K20):** 5,5% w/w  
**Total nitrogen (N):** 2.8% w/w  
**Fulvic acids** 28.8% w/w  
**Betaine:** 7% w/w  
**C/N Ratio:** 10  
**pH** 4.5-5.5  
**Density:** 1.28g/cm  
**Free amino acids:** 2.5% w/w

## DOSAGE AND TIME OF APPLICATION

### Root application:

- Fruit trees between 5-8 applications, 20 l/ha per application.
- Citrus between 5-8 applications, 20 l/ha per application.
- Horticultural between 6-10 applications/year, 20 l/ha per application.
- Almond tree between 5-8 applications, 20 l/ha per application.
- Grapevine and olive tree between 5-8 applications, 20 l/ha per application.

**Foliar route** from 1% to 1.5% as a humectant.





# BIOFERTI ORGÁN PLUS

## ORGANO-MINERAL FERTILIZER

WITH MICROELEMENTS (Iron, boron, manganese, molybdenum and cobalt)

**BIOFERTI ORGÁN PLUS** is designed for the regeneration of cultivated soils. It is an effective fertilizer that acts by displacing toxic salts from the clay-humic complex resulting in active soils with great capacity to generate vegetative development, contributes to improving the structure of this, reduces salinity, unlocks the absorption of nutrients, favors microbial activity and increases the cation exchange capacity.

**BIOFERTI ORGÁN PLUS** has a high content of fulvic acids, which solubilize metal ions and improve their transport to the roots.

### PACKAGING

5L 20L 1000L

**SUITABLE  
FOR  
ORGANIC  
FARMING**

Register F0005586/2034

### GUARANTEED CONTENT

**Total organic matter:** 44.7% w/w  
**Organic carbon:** 25.9% w/w  
**Total humic extract:** 27% w/w  
**Humic acid:** 1.6% w/w  
**Total nitrogen (N):** 2, 18% w/w  
**Organic nitrogen (N):** 1,91% w/w  
**Phosphorus (P205) (soluble in water and citrate):** 0,47% w/w  
**Potassium (K) (soluble in water):** 5,37% w/w  
**Calcium (CaO) (soluble in water):** 1, 15% w/w  
**Magnesium (Mg) (soluble in water):** 0,41 % w/w  
**Water-soluble sulfur (S03):** 3,02% w/w  
**Water-soluble boron (B):** 350 ppm  
**Water-soluble molybdenum (Mo):** 650 ppm  
**Iron (Fe) (soluble in water):** 4379 ppm  
**Water-soluble manganese (Mn):** 1900 ppm  
**Water-soluble cobalt (Co):** 260 ppm  
**Free amino acids:** 2% w/w  
**pH** 5.7

### DOSAGE AND TIME OF APPLICATION

Preferably for root application.

- In bare soils: 160 l/ha, divided into 6 - 7 applications (keep the soil moist between applications).
- In Vegetables, citrus, fruit trees and Vine.
- In saline soils: 30 to 40 l/ha, maintaining monthly applications.
- Cereals: 40 to 60 l/ha in pre or post sowing.
- Pastures: 40 l/ha applied in pre or post sowing.

### WARNING

**H350i** - May cause cancer by inhalation.  
**P102** - Keep out of reach of children.  
**P201** - Request special instructions before use.  
**P202** - Do not handle until all safety precautions have been read and understood.  
**P280** - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...  
**P405** - Store locked up. Contains Cobalt Sulfate. May cause allergic reactions.



# BIOFERTI TÉ DE COMPOST

## HUMIC ACID ORGANIC AMENDMENT (VERMICOMPOST)

**BIOFERTI TÉ DE COMPOST** It is an organic aqueous extract obtained from mature vermicompost, where some microorganisms present reproduce, which have beneficial and protective properties for plants. Its main functions are microbiological seeding of the soil, biostimulating plants by improving their growth and preventing plant diseases due to competition and antagonism.

### PACKAGING

5L

20L

1000L

**SUITABLE  
FOR  
ORGANIC  
FARMING**



### DOSAGE

**Foliar use:** it can be used from 10% as a biostimulant, up to 100% as an antifungal treatment.

**Root route:** it is recommended to apply 100-150 liters/ha every 15 days, during the time of greatest vegetative development.

# BIOFERTI HUMUS LÍQUIDO

## HUMIC EXTRACT OF VERMICOMPOST

**BIOFERTI HUMUS LÍQUIDO** is made from solid worm humus and aqueous extract from granitic springs. Recommended for planting and transplanting. It brings fertility to the soil and helps to regenerate it. It acts as a natural biostimulant and increases the activity of the soil microbiota. It can be used as a complement to other fertilizers.

### DOSAGE

**By fertirrigation:** 30-40 lt/ha and application. It is a product that cannot have any contraindications due to excess dosage, so it can be applied with high frequency to crops, in all phenological stages.

**Foliar route:** Apply 1 to 2%.

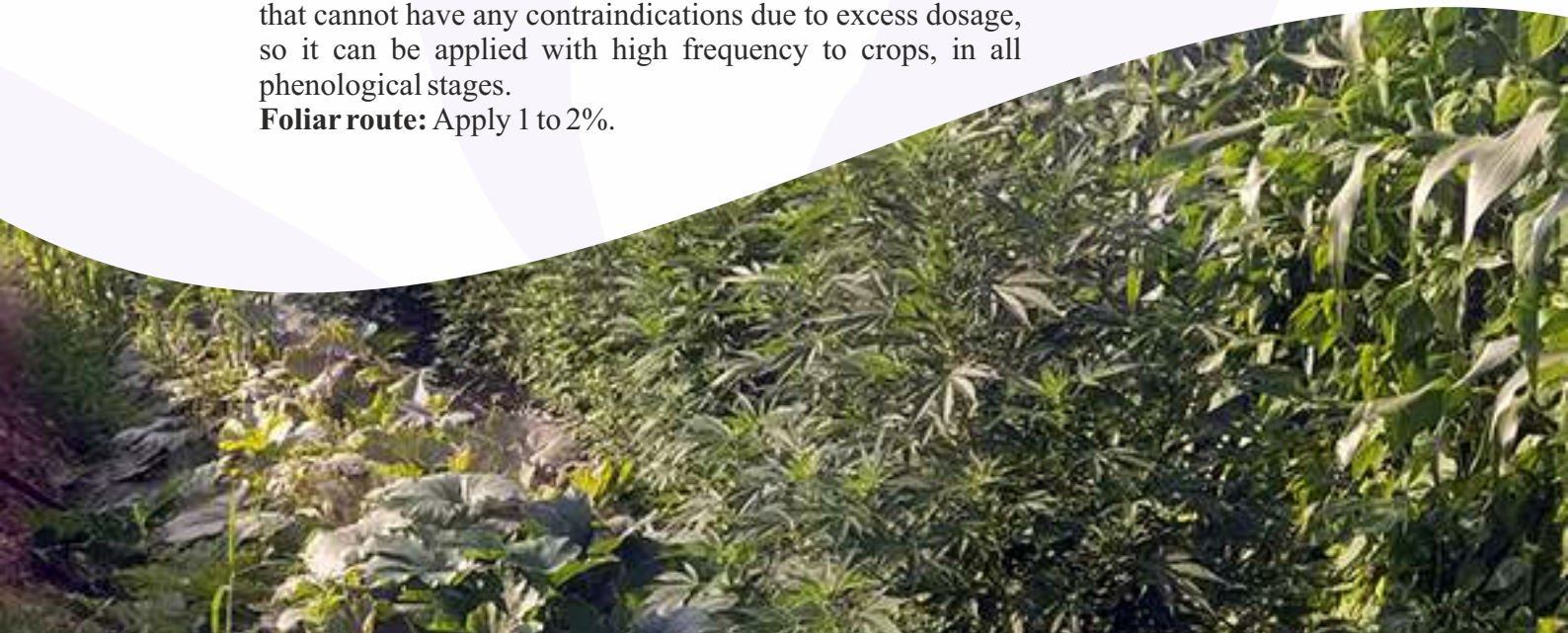
### PACKAGING

5L

20L

1000L

**SUITABLE  
FOR  
ORGANIC  
FARMING**







**BIOCONTROL**



# BIOFERTI SK

## POTASSIUM THIOSULFATE SOLUTION ASSIMILABLE SULPHUR AND POTASSIUM FETILISER

**BIOFERTI SK** combines sulfur potassium in a fully assimilable way. Corrects sulfur and potassium deficiencies. It increases the defenses of plants, increasing their tolerance to extreme weather conditions and pests and diseases. It can act as a repellent of insects such as: whitefly, aphids, mites, mealybugs, etc. as well as inconvenience to fungi and phytopathogenic bacteria.

**BIOFERTI SK** increases the quantity and quality of crops, increasing the nutritional value of the crop, the size and the organoleptic qualities. It extends the post-harvest life of the fruits, increasing their resistance to handling during transport and storage.

### PACKAGING

1L

5L

20L

1000L

**APTO  
PARA  
AGRICULTURA  
ECOLÓGICA**



### GUARANTEED CONTENT

**Potassium oxide (soluble in water )** 2,7%  
**Water-soluble sulphur trioxide (SO<sub>3</sub>)** 4,6%



### DOSAGE AND TIME OF APPLICATION

**Foliar application** to 0.5% (5 litres in 1000 liters of water) in a preventive way against minor deficiencies. Up to 1.5% in cases of combating serious deficiencies.

**Application** to the trunk of plantations in winter from 3 to 5% (30 to 50 liters per 1000 liters of water).

**Precautions:** Do not exceed the appropriate doses. Avoid application during hours of direct sunlight.





# BIOFERTI URTICA

## NETTLE SLUD

**BIOFERTI URTICA** is a nettle-based product (urtica spp.) obtained by fermentative aqueous treatment of the aerial part of the plant. It is a magnificent foliar phytostimulant that promotes photosynthesis and growth. It also has elicitor function (strengthening the defense mechanisms of crops).

**BIOFERTI URTICA** reduces aphid and mite populations, without affecting the auxiliary fauna of the garden. Due to its composition, it is rich in chlorophyll, flavonoids, tannins, carotenes and mineral salts. Indicated as a good corrector of iron deficiencies.

### PACKAGING



**SUITABLE  
FOR  
ORGANIC  
FARMING**



## DOSAGE AND TIME OF APPLICATION

Use 15 - 20 ml of fermented extract per litre of water, once a week or as needed.

**Mode of application:** In fumigation, foliar and with very fine drop. Wet the whole plant well. Do not apply in hours of high heat, or high solar incidence.

### Incompatibilities

It should not be mixed with the same application broth with copper or sulfur. It is recommended to apply in combination with biofertilizer or iron chelate, to enhance its effect.



# BIOFERTI COLA DE CABALLO

## DECOCTION OF EQUISETUM ARVENSE High silica content

**BIOFERTI COLA DE CABALLO** is an aqueous decoction of the aerial part of the plant *Equisetum arvense*. It is one of the most used ecological treatments to combat the usual fungi of plants. It acts by preventing and in some cases curing downy mildew, powdery mildew and other common fungi of horticultural and fruit plants. In addition, it has growth-stimulating properties and enhances the natural defence mechanisms of plants. Its active ingredients are saponosides, silica, calcium, magnesium, potassium, iron and manganese.

### PACKAGING



**SUITABLE  
FOR  
ORGANIC  
FARMING**



## DOSAGE AND TIME OF APPLICATION

It is mainly **foliar application**, although it can also be applied together with irrigation. The application dose is 2-5% of the volume of water we apply in the treatments (approximately 10 l/ha). Treatments are performed every 15 or 30 days, depending on the type of crop. The product can be mixed with sulfur or copper.

- Vineyard: Application dose 10 l/ha. Moments of application: emborre, bunch in sight, pea size, before veraison, after harvest.
- Vegetables: Application dose of 3% of the volume of water used, repeating every 15 or 20 days.
- Fruit and citrus trees: Application dose 10 l/ha.
- Olive: Application dose 2% volume of water used. Application at the end of winter once the fruit has set out, for fattening the olive, preparation for winter.





# BIOFERTI KITOSAN

## ELICITOR OF NATURAL DEFENSES AND THE HORMONAL SYSTEM OF PLANTS

**BIOFERTI KITOSAN** is an elicitor that contains a phytoalexin and a phytoanticipin (salicylic acid) capable of activating the immune system and defense mechanisms of plants by generating secondary metabolites, which allow the Plant acts against fungi, viruses and bacteria. Contains horsetail extract as an excipient.

**Bactericidal activity:** The bactericidal activity of chitosan is associated with its cationic character.

**Fungicidal activity:** Chitosan is a polysaccharide that acts as a molecule bioremediator and stimulates the activity of beneficial microorganisms in the soil, such as *Bacillus*, fluorescent, *Pseudomonas*, *Actinomyces*, mycorrhizae and *Rhizobacteria*. It is a good natural fungicide due also to its high content of silica and also induces the plant to improve its immune system.

**Antiviral activity:** Prior treatment with chitosan significantly reduces viral infection in several plant species.

**Growth stimulation:** Applying chitosan has positive effects on the plant growth, stimulate both seed germination and growth of plant parts such as roots, shoots, and leaves. Produces a stimulating effect on various metabolic processes of the plant, also inducing the plants to generate natural defense mechanisms.

## GUARANTEED CONTENT

**Aqueous Horsetail Extract (*Equisetum arvense*) 96%**  
**Willow bark extract (*Salix Alba*) 2%.**

**SUITABLE  
FOR  
ORGANIC  
FARMING**



## DOSAGE AND TIME OF APPLICATION

Mix with water and apply the dose according to the table:

CROP	APPLICATION			DOSE	
	Periodicity	N° applications	Stadium	Dose	Annual appl.
<b>Fruit trees</b>	14 days	4 to 8	From leaf development on the main stem to fruit development	2 - 5 L/ha	20 - 40 L/ha
<b>Crop for animal feed</b>	14 days	4 to 8		2 - 5 L/ha	20 - 40 L/ha
<b>Legumes</b>	14 days	4 to 8		2 - 4 L/ha	20 - 40 L/ha
<b>Cereals</b>	14 days	4 to 8		2 - 8 L/ha	20 - 40 L/ha
<b>Vegetables</b>	14 days	4 to 8		2 - 8 L/ha	20 - 40 L/ha



# BIOFERTI OLIVA PLUS

## KAOLIN POWDER FOR DILUTION

**BIOFERTI OLIVA PLUS** is a natural product of mineral origin based on white clay (kaolin). It is indicated against thermal stress and water deficiencies of plants, reducing excess heat and insolation.

**BIOFERTI OLIVA PLUS** can also exert a repellent effect against larvae of certain types of flies and insects.

### PACKAGING

27kg

1000kg

Granel

**SUITABLE  
FOR  
ORGANIC  
FARMING**



### GUARANTEED CONTENT

**Al<sub>2</sub>O<sub>3</sub>** 34% + - 1.5%

**SiO<sub>2</sub>** <50%

**Hg** <1 mg/Kg

**Colorimetry** (L 92, 1 to 2.6 b 8, 1)

### GRANULOMETRIC DISTRIBUTION

#### SIZE IN MICRONS

25  
2  
0,5

#### PERCENTAGE OF REJECTION

95 +- 5  
2 +- 1  
<0,1

### DOSAGE AND TIME OF APPLICATION

Recommended dose 25-40g / L. Make an application at the beginning of summer and a second application after 30 days, always in dry foliage.

Advance the application if there are weather changes.

Do not apply to products that cannot be ashed.

To create a uniform layer, apply at a spray speed of 4km/h.





# BIOFERTI BIONET

## POTASSIUM SOLUTION CLEANSER - MOISTURIZER

**BIOFERTI BIONET** is a liquid obtained by saponification of fatty acids of vegetable origin. It is effective in eliminating molasses and bolls produced by insects such as aphids, whitefly, mealybugs, etc .. It is also an excellent moisturizer.

It improves the distribution of the pesticide on the leaf surface of the plant and the penetration of the pesticide, making it more effective. In the use various types of mealybug, it acts on the chitin layer of these, making it much more sensitive to the application of the corresponding insecticide. In the use against mites type Tetranychus, it cleans the cobwebs produced by them, improving the action of the acaricide. Cleans and dries all kinds of molasses produced by insects.

### PACKAGING

1L 5L 20L 1000L

**SUITABLE  
FOR  
ORGANIC  
FARMING**

### GUARANTEED CONTENT

**Potassium solution:** 40% w/v

**Potassium (K20):** 7% w/w

### CHEMICAL PROPERTIES

**Density:** 1,10- 1,15 gr/cc

**pH** 9.5

### DOSAGE AND TIME OF APPLICATION

Minimum 1%, maximum 2% (1-2 lt/hl)

10 - 20 ml/l

Dilute the product in the application tank itself at the indicated dose and apply by high volume spraying, achieving good coverage of the entire plant, since the effectiveness of the product depends to a large extent on a correct application.

It does not contain biocides or poisons.



# BIOFERTI VINAGRE

## ORGANIC FUNGICIDE AND BACTERICIDE pH REGULATOR

**BIOFERTI VINAGRE** is a basic and natural substance that has a proven role in protecting fungicidal and bactericidal action, due to that stimulates the natural defense mechanisms of the plants.

Its acidic pH helps lower the pH of soils and broths, foliar application, making some metals more assimilable. It can be used to unclog drippers by dissolving the lime build-up.

**BIOFERTI VINAGRE** has a proven function in the protection of plants due to their fungicidal and bactericide action . Another possible function, using it in solution with cold water, it is like a disinfectant of mechanical cutting tools. It can act as a repellent of insect.

### PACKAGING

1L

5L

20L

1000L

**SUITABLE  
FOR  
ORGANIC  
FARMING**

### GUARANTEED CONTENT

**Acetic acid content** 9.9%

**Degree of acidity:** 20°

**pH** 2,4

**Density:** 1.05 g/cm<sup>3</sup>

### DOSAGE AND TIME OF APPLICATION

**Foliar route:** It is recommended to diluted in water (2-3%). 20-30 ml per liter of water.

**Root canal:** 6 to 8 l/ha, The pH of the soil can change the dosage





# BIOFERTI BICAR

## SODIUM BICARBONATE FONGICIDE

**BIOFERTI BICAR** is a basic substance that has a multiple mode of action. In contact with hyphae and spores of pathogenic fungi, they disintegrate and dry up by osmotic action, preventing micellar growth and plant infection. In addition, given its alkaline nature, causes a change in the pH of the plant that makes it difficult to development of fungi.

Its high pH is used to neutralize acidic soils, favoring the absorption of nutrients by part of the plants.

PACKAGING

25kg

**SUITABLE  
FOR  
ORGANIC  
FARMING**

### GUARANTEED CONTENT

**Concentration** 99% sodium bicarbonate

**Solubility** 10,3 grams/ 100 ml (20°C)

**pH** 9 in solution

**Bulk density:** 2.17 gr/cm<sup>3</sup>

Crystalline Fine White Powder

### DOSAGE

Dilute the product in the application tank itself between 0.5% and 2% depending on the intensity of the fungal attack to be treated. It should be applied by high-volume spraying, achieving good coverage of the entire plant, as the efficacy of the product depends on a large measure of correct application. Avoid temperature conditions < 2°C and > 38°C.

**Once opened, it should be used as soon as possible.**



# BIOFERTI BIODIGESTOR

OF ORGANIC MATTER

## ACTIVATOR WITH EFFICIENT MICROORGANISMS

**BIOFERTI ORGANIC MATTER BIODIGESTER** is a Consortium of Efficient Microorganisms, it improve the activity and microbiological diversity of soils with a of organic matter, and degradation improver and humidification of organic matter. Eliminates bad odors. Minimizes the population of insects, larvae and others pathogenic microorganisms. It causes a change in the microbiological balance that improves the fertililzer value of organic matter. Increases atmospheric nitrogen fixation. It helps the assimilatin of nutrients and makes them available to the crop improving cation exchange. It improves the soil structure and increases the variety of beneficial microorganisms.

PACKAGING

20L

1000L

## DOSE AND TIME OF APPLICATION

### Prior to use, microorganisms should be activated:

Pour the contents of 20 liters of product into a container of 200 liters, add 1 liter of milk and 3 liters of molasses or **BIOFERTI ORGÁN**, fill with approximately 170 liters water without chlorine and stir the mixture every 12 hours, for 3 days. Use a clean container to activate the product, keep it covered and in the shade.

Consume the activated mixture before 1 month.

- **Slurry pits:** 1-5 liter per m<sup>3</sup>
- **Biodigesters:** 1 liter per 2 m<sup>3</sup>
- **Decomposing solid organic matter:** from 10 to 20 liters per m<sup>3</sup>.







# ecoferti

**BIOFERTI**  
PRODUCTS



15, El Palmar St.  
Polígono Mas del Jutge  
46900 Torrent, **Valencia**  
Spain

✉ [info@ecoferti.es](mailto:info@ecoferti.es)  
☎ +34 960 223 716  
➦ [ecoferti.es](http://ecoferti.es)  
in [@ecoferti-biofertilizantes](https://www.instagram.com/ecoferti-biofertilizantes)