

NATURAL BIOSOLUTIONS

ALWAYS ON OUR MIND

- 🌿 BIOSTIMULANTS
- 🌿 BIOFERTILIZERS
- 🌿 BIOCONTROLS



MAFA
VEGETAL ECOBIOLOGY

MAFA

BIOTECHNOLOGY.

NATURAL BIOSOLUTIONS



BIOSTIMULANTS

Biopromoters with natural active ingredients.



REGULATORS

Soil and water conditioners.



PHYTOBIOTICS

Highly technical biopesticides.



FERTILIZERS

Nutritional action for a balanced plant.



I+D+i



Expert Agronomists



Zero Residue



MAFA

Certifications, Collaborators and Associations.



INSTALLATIONS

10.000 m²



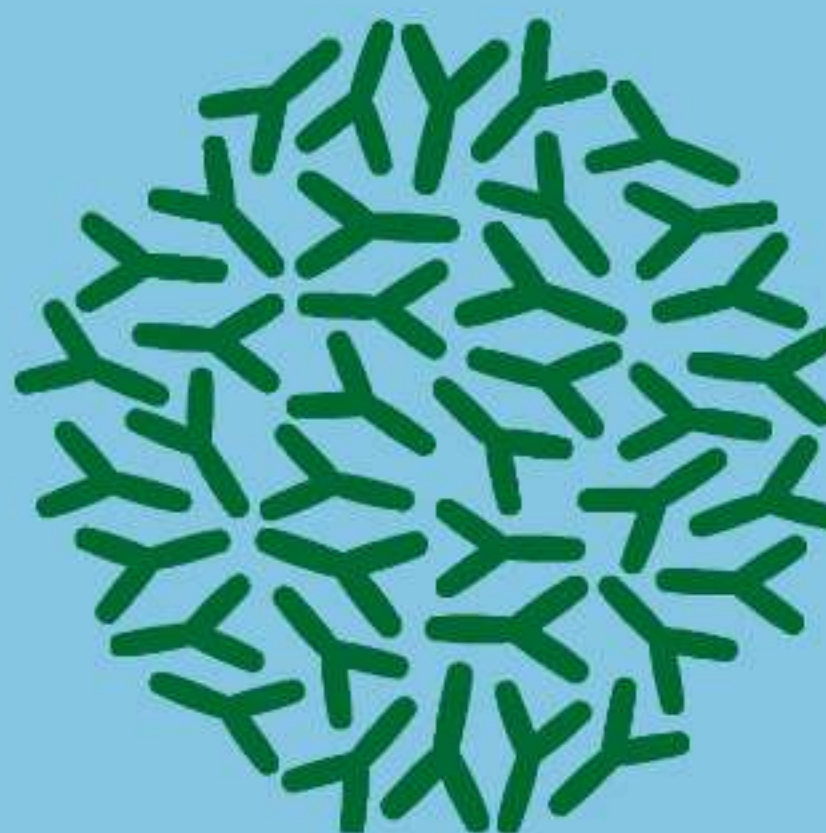
MAFA
VEGETAL ECOBIOLOGY

MICROBIOLOGY DEPARTMENT



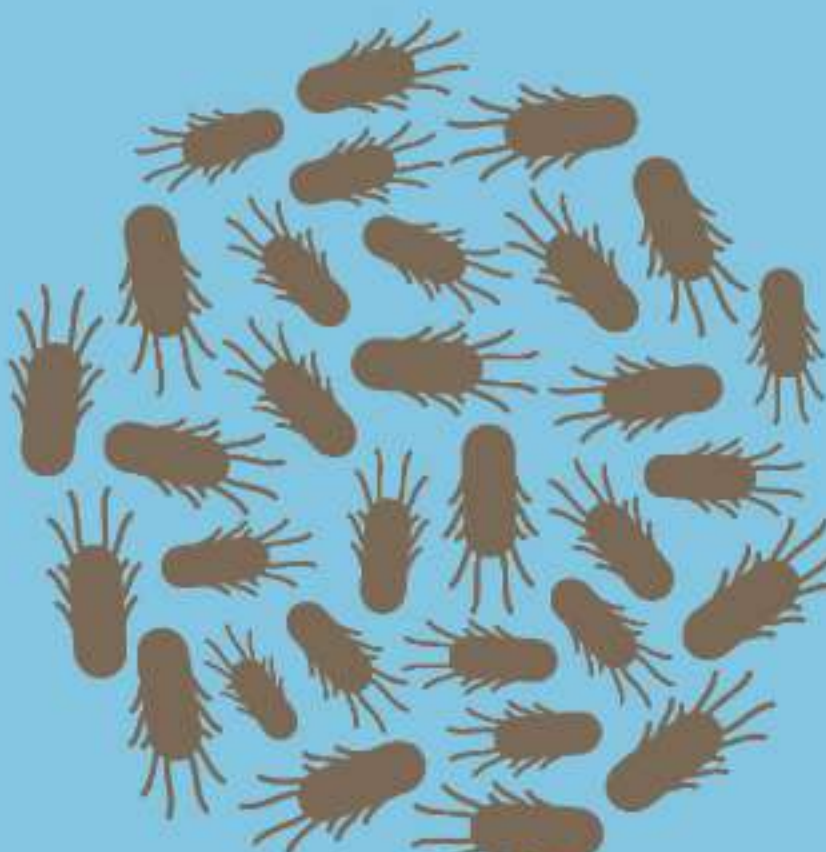
Basic substances

They are natural substances suitable for phytosanitary use, they are approved by the European implementing regulation (EU) 462/2014.



Botanical substances

Phytofortifying substances that strengthen crops, giving them greater resistance to pathogen attack.



Microorganisms

Clean residue solutions for crop protection without use of chemical resources. MAFA works on the development of various products from different strains of saprobic fungi.

COMPANY

PHYTOBIOTICS

Basictec
Basictec SQ6
Mafacopper
Biocarb
Citromazinc
Indico
Synerol
Oleo-soap

BIOSTIMULANTS

Optimar
Balance
Glucos
Greenal
Indumax
Fortacell

REGULATORS

Fixertop pH
Acidactive
Mafa-control
Maxiplant Sal
Maxiplant Plus
Maxiplant Humic

FERTILIZERS

Aminon WSP
Aminon Micro
Aminon Forte
Aminon Mar
Ecoxy Mix
Ecoxy Cu
Ecoxy Ca
Ecoxy Zn-Mn-Mg-Cu
Ecoxy Zn-Mn
Folimax Complex
Folimax Inicium
Folimax Ripen
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MAFA ORIGIN. COMPANY

Since its foundation in 1969, MAFA has been dedicated to finding answers to crop problems through research and development of innovative agricultural solutions for plant nutrition and protection. We are specialists in the formulation of phytobiotics, biostimulants, fertilizers and soil and water regulators. At MAFA, we work with the aim of helping farmers, taking care of the health of the field and making crops more profitable and healthier.



MAFA INTERNATIONALIZATION. COMPANY

Our innovative mission materializes with the expansion of our products throughout the five continents. Today we are present in Europe, Middle Eastern countries such as Egypt, Turkey, Iran, Jordan, United Arab Emirates, among others. In 2018 we have established a subsidiary in Mexico to cover the marketing needs of the American continent.



MAFA RESEARCH. DEPARTMENT

The R&D department has an annual endowment that exceeds 3% of the company's turnover for the financing of research projects. We have a technical team that aims to obtain the highest quality guarantees in the final product. We also collaborate with public and private research centers and officially recognized laboratories, as well as GLP (Good Laboratory Practice) approved centers.

We share the vision of becoming a company capable of implementing a more environmentally friendly agriculture and fully achieving sustainable agricultural development while conserving natural resources.

MAFA

PHYTOBIOTICS



Highly Technified Biopesticides

Natural phytosanitary
solutions from botanical
and mineral principles,
basic substances and
microorganisms

Basictec®

Technology Ultrafiltered aqueous extract

BASIC SUBSTANCE INSECTICIDE, ACARICIDE AND FUNGICIDE.

**Basic substance insecticide, acaricide and fungicide
based on *Urtica* spp. At 1.5% w/v (15gr/L liquid
extract of *Urtica* spp).**

Basictec Formulated capable of controlling pests such as aphids and other insects, as well as diseases such as mildew. It is an ideal biodegradable organic product for the production of crops without residues.

Active substance: Extract filtered by maceration and mixture of two varieties of nettle.

Phytosanitary registration: SANTE11809



1L



5 L



Basictec SQ6®

Technology Polymer derived from chitin.

PLANT DEFENSE MECHANISM ELICITOR.

**Elicitor of the defense mechanism of the plant
based on polymer Poly-D Glucosamine hydrolyzed
by enzymatic route to 6%.**

Basictec SQ6 Formulated based on enzymatically hydrolyzed chitosan polymer. It acts as an inducer of crop resistance against fungi and bacteria. Indicated for the treatment of seeds, stone and pip fruit trees, vegetables, strawberries, potatoes, red fruits and cereals.

Active substance: Chitosan hydrochloride

Phytosanitary registration: SANCO12388.



1L



5 L



Action

Insecticide, acaricide and fungicide

- Highly technical formulation, composed of basic substances tested for their phytosanitary effects.
- Coating power and adherence to the applied surface.
- It also allows to limit the treatments with synthetic phytosanitary products.
- Reduces environmental impact.

Action

Nematicide, fungicide, bactericide

- It acts as a plant stimulant, with an eliciting effect on resistance to pathogens.
- Its use allows to prevent the incidence of diseases.
- It also allows to limit the treatments with synthetic phytosanitary products.
- Reduces environmental impact.

Mafacopper®

TRIPLE ACTION SYSTEMIC COPPER.

100% complexed by GA complexing agent

Mafacopper acts as a potent plant protector against different diseases developed at high humidity and moderate temperatures. Such as caused by fungus and bacteria. For instance anthracnose, bark disease, sooty mold, gummosis or foot rot, grease stain, melanosis, scabies, etc.



Triple Action

- **Activation of exogenous elicitors.**
Improvement of the plant's immune system.
- **Healing capacity.**
Regenerates cell wall tissues.
- **Copper contribution.**
Corrects symptoms caused by copper deficiency.

Biocarb®

EMULSION BASED ON CARBONATE POTASSIUM SALTS.

Protects against fungal diseases

Biocarb is a formulation based on biologically active organic acids that reinforce the capacity of defence and protection against powdery mildew, mildew, moulting and botrytis.

Its natural and biodegradable composition strongly reinforces plant self-defence, offering more resistance against pathogens. This fertilizer is applied by feeding foliar that has a tensioactive action that maintains and enhances the stability in the cuticle. It is also compatible with the auxiliary fauna and included in biological control programmes.



Triple Action

Osmotic pressure, biocarbonate / carbonate ion effect and pH.

- Denatures the hydrolytic enzymes produced by phytopathogenic fungi and decrease the ineffectiveness capacity.
- Inhibits mycelia fungi growth producing the collapse in the spores.
- Dehydrate the mycelium of fungi.
- Acts to guarantee the prevention and phytopathogenic fungi control without leave residues.
- Does not generate any residue, it is applied without safety term.



Citromazinc®

CITRIC EXTRACTS ENRICHED IN Mn AND Zn.

Fertilizer with tensioactive action

Citromazinc is a formulation based on vegetable extracts coming from essential citric oil (with high presence of terpenes) and enriched in Mn and Zn. It is a biodegradable product, which acts improving the adherence and retention capacity of the spray droplets. As a result, a better interaction between phytosanitary or nutritional molecules with the cuticle foliar is achieved.



1 L



5 L



DMV

- Pulverization is insensitive to an increase of VMD (Volumetric Median Diameter)
- Indicator characterized by homogenous distribution of droplet.

Aim

- Reduces the surface tension of droplets facilitating its deformation and avoiding the rebound effect.
- Increases the retention capacity, improving the wettability of pulverization and the adhesion of water droplets to leaves and to woods.

Indico®

VEGETABLE EXTRACTS OF NEEM.

Disruptive and repellent action mitigating attacks of mites and aphids

Indico is a formulation based on vegetable extracts of legumes and essential oils obtained from plants. It acts as an anti-food repellent and is fully compatible with the auxiliary fauna (*Nesidiocoris tenuis*, *Amblyseius swirskii*, *Orius laevigatus*) which provides total compatibility with biological warfare programs. It can replace the use of conventional synthetic insecticides that avoid or mitigate the attack of mites and aphids on various crops, among which we highlight horticultural, fruit and citrus. It does not show phytotoxicity at higher doses than recommended.

1 L



5 L



20 L



Double action

Contact bioinsecticides and repellent

- Feeding inhibitor, it repels and mitigates aphids and mites.
- Covering power and adherence to surface applied.
- Guarantees the prevention and pathogens control without generating much resistances.
- Does not generate any residues and it is applied without safety deadline.



Synerol®

MIXTURE OF EMULSIFIED VEGETABLE OLEINS.

Fertilizer with tensioactive, moisturizing and penetrating action

Synerol is a formulation based on 100% vegetable, natural and biodegradable extracts enriched with potassium. It has a powerful surfactant, moisturizing and penetrating effect that improves the efficacy of phytosanitary treatments. It increase the wettability and reduces runoff.

Improves recovering and retention of microdrops over plants surface, increases the adherence to leaves, woods and fruits reducing the washing effects produced by metreological agents such as rain, dew and wind.



1L



5 L



20 L



Oleo-soap k®

POTASSIUM SOAP BASED ON SAPONIFIED FATTY ACIDS.

It cleans the remains and molasses of fungi and insects

Oleo-soap k is a liquid potassium soap obtained by saponification of fatty acids from plant origin. It performs a role in mitigation or cleaning of dirt remains caused by molasses secreted by insects and fungi, insect moulting, fruit stains, etc.

The decomposition of the formulation generates carbonate which acts as a fertilizer and a nutritional element.



1L



5 L



Microencapsulated

- Microencapsulation with the phytosanitary product with which it is combined.

Aim

- Getting a noticeable improvements in application yields.

Action

Potassium soap

- Cleans the surface leaves and other green parts of the plants.
- Removes the molasses produced by phytofagous insects and the sooty mold that is formed.
- Its cleaning effect favours the photosynthesis.
- Reinforces the treatments effect.



NATURAL BIOSOLUTIONS

ALWAYS ON OUR MIND

MAFA

BIOSTIMULANTS



Biopromoters with Natural Active Ingredients

Designed to induce the necessary enzymatic and protein processes prior to the moments of maximum nutritional need. (Transplantation, sprouting, flowering, fruit setting and fruit development).



Optimar®

TRIPLE ACTION SERUM.

*Increase in cell size by induction
of proteins synthesis*

Optimar is a bioactivator based on natural extracts coming from seaweed (*aschophyllum nodosum*). Its exclusive formulation from a combination of acids (alginic acid, folic acid and gluconic acid) forms a serum that highly favours and excites the cell division and elongation.



1L



5 L



20 L



Triple acid serum

- Alginic acid.
- AATC.
- Folic acid.

Aim

- Betaines precursor.
- Increases thiol groups level.
- Favours metabolic processes.

Balance®

AUXINIC-CYTOKININIC HORMONAL COMPLEX.

Increases the quantity and quality of flowers

Balance is a bioactivator, which has stimulating action. Its adaptogenic character induces specially the flowering by increasing the quantity and the quality of flowers.

Its formulation contains the active phytoingredients from natural origin that are enriched in nucleotides, amino acids and vitamins. These substances stimulate the cytokinesis (cell division) promoting the processes of cellular distension.



1L



5 L



20 L



Complexed phytoingredients

- Auxines.
- Cytokinines

Aim

- Cell lengthening
- Cell division

Glucox[®]

NEUTRAL CARBOHYDRATE POTASSIUM.

High availability and sugars transport from leaves to fruits

Neutral potassium salt

- Carbohydrate organic acid.

Aim

- Activates the principles enzymes of glycolysis.

Glucox incorporates carbohydrate, neutral organic acids and liquid potassium.

The carbohydrates that its formulation confer are the biomolecules with high energetic and structural value. The potassium is also immediately available and is very rapidly absorbed into the crops. Glucox increases sugars fabrication and transport from the leaves to the fruits.



1L



5 L



20 L



Greencal[®]

MACROALGAE EXTRACT.

Formulation based on calcium that contains powerful biostimulant effect

Pure extract of macroalgae

- Alginates.
- Mannitols.
- Polysaccharides.
- Polyphenols.

Greencal is a cream formulated from pure extract of algae with calcium that has a strong biostimulant effect. Designed to reduce the cell wall, improving the firmness and shelf life of fruits.

The extract of employed microalgae is obtained through low temperatures and cell rupture, extracting the natural active components present in algae *Ascophyllum nodosum* (alginates, mannitols, polysaccharides and polyphenols).



1L



5 L



20 L





Indumax®

LIGNOSULFONIC COMPLEX OF ALUMINIUM.

It acts such as self-defence inductor

Indumax acts as an inductor in the physiologic processes necessary for the synthesis of compounds biologically actives by the plant. It induces the self-defence generating the proteins that have a great influence on photosynthesis, respiration and lignification.

Formulated from microelement in the form of constant molecular complexes, using lignosulfonic acid, aluminium lignosulfonate or carboxylic acid such as a complexant agent.



1L



5 L



20 L



Fortacell®

COMPLEX OF CARBOHYDRATE CALCIUM ACETATE.

It acts such as a cellular cementing agent

Fortacell contribute to the formation of the structure of protopectine such as a cementing agent to keep the cells attached.

It also contains boron that is important for sugars circulation in the complex form "sugar-boron". This type of complex is able to traverse semipermeable cell membranes. The principle aim is to mobilize the hydrocarbonate reserve of leaves toward fructification point.



1L



5 L



20 L



Lignosulfonic acid

Carboxylic acid

Aluminium lignosulfonate

- Systemic antioxidant action.
- Increases the phytoalexines and phenols level.

Calcium + Boron + Aminoacids

- Calcium acetate complex.
- Sugar-borate complex.

Aim

- Tissues hardening.
- Penetration to the membranes.

MAFA

REGULATORS



Soil and Water Conditioners

Formulations designed to provide better conditioning and handling of spray mixtures. As well as soil improvement solutions that help to solubilize the blocked elements.



Fixertop pH[®]

pH BUFFER.

Its main function is to adjust the pH of treatment mixtures

Fixertop pH is a pH buffer that its main function is to fix the pH of treatment mixtures in order to improve significantly the activity of foliar treatment of phytosanitary as well as of nutritional.

When the working water mixture is very alkaline, an ineffectiveness of used active substances is produced. With the contribution of Fixertop pH, we maintain the solution at an optimum pH level, to ensure a good assimilation of applied products. Based on potassium unlike other conventional pH regulator that are formulated from nitric and phosphoric acid.

- Thanks to its buffer effect, and whether a mixture is acidic or basic at the beginning and by applying the dose recommended, a pH of five is achieved.
- Regardless the original pH and after the addition of 0.1-0.15% P/P, this product can adjusted the pH to five approximately.
- Does not alter the pH of five at a higher dose contribution of fixertop pH, therefore it reinforce the powerful buffer of product at this pH.



Acidactive[®]

ACIDIFYING FERTILIZER

Fertilizer with mobilizer effect on insoluble nutrients in the rhizosphere

Acidactive is a mobilizer of the elements found in rhizosphere in the form of insoluble salts. The reaction of Acidactive with water produces solubilisation of these elements allowing a greater assimilation of macronutrients such as a phosphorus or micronutrients (boron, copper, iron, manganese and zinc) that are the most favoured by the acidifying effect of the formulation. It also acts as a corrector of sulphur deficiencies due to its high content of SO₃, correcting the deficiencies caused by the excessive use of fertilizers.

- Improves the capacity of the crops to growth in salts stress conditions by reason of the chemical reaction that generates sodium sulphate easily passed by irrigation water.
- Modifies the structure of soil that reduces the compaction of the surface and improves the porosity.
- Solubilizes the excess of elements present in the soil allowing its washing by lixiviation (leaching).



Mafa-control[®]

pH CORRECTOR

Fertilizer with surfactant, humectant and penetrating action

Mafa-control acts as a pH regulator of phytosanitary mixture to adjust the desired values. Designed to enhance the wet effect of phytosanitary mixtures as well as its penetrating. Contains a pH indicator compound, at pH acid, the mixture has a red coloration and at a neutral or basic pH, the mixture take a yellow coloration.

There are two types of hydrolysis (the rupture of molecules bond by addition of water):

- Acid hydrolysis: the rupture is carried out under acid conditions (pH<7), this process affects a few plaguicides.
- Alkaline hydrolysis: the rupture is carried out under basic conditions (pH>7), this process affects a lot of plaguicides.





Maxiplant Sal[®]

SOIL CORRECTOR WITH CALCIUM AND ORGANIC ACID.

Liquid formulation that acts reducing soil salinity.

Maxiplant Sal is a liquid fertilizer, which acts as a saline corrector, reducing water and soil salinity. Is a formulation based on polyhydroxycarboxylic acids that act as a complexant agent of the calcium. These acids liberate the calcium when is getting in contact with soil and water and retain the sodium to produce a decrease in salinity. A liquid complex of calcium, recommended specially for irrigation, suitable for different kinds of soils that have salinity problems.

- Improves remarkably soils structure, in particularly, those affected by sodium degradation problem.
- Facilitates the aeration and penetration the roots into the soil, this is a result of flocculating action of calcium associated with the chain of organic acids.
- Provides resistance to the plant against diseases, therefore, is a very efficient source of calcium.



Maxiplant Plus[®]

ORGANO-MINERAL FERTILIZER

Fertilizer with a high content of organic matter

Maxiplant Plus contains a complex nutrients that include; carbohydrates, macro and micronutrients, organic acids and fats. These complex sources significantly provide the nutrients and energy to soil and plant organisms, based on natural vegetable extracts and lignosulfonic acids that are a complexant agent of calcium. Allows an easy absorption, improves the soil structure and cation exchange capacity and activates the microbial life offering a greater yield of crops.

- Source of organic matter that can be applied by any irrigation system due to its small particles size. These particles with its low C.N proportion make the organic matter rapidly absorbed by the organisms of soil.
- The easily absorbed organic matter contributes to the mineralization, increases the root mass, improves the consumption of efficient nutrients and confers a great retention capacity of water into the soil after several applications.



Maxiplant Humic[®]

ORGANO-MINERAL FERTILIZER

Fertilizer with a high content of humic and fulvic acids



Maxiplant Humic is a liquid organic corrector, obtained by the extraction of natural substances enriched in humic and fulvic acids, is able to be applied to tired and highly mineralized soils that have a deficiency in organic matter and/or are unstructured.

- Improves the soil structure and offers a better permeability and capacity to retain the water.
- Improves the cation-exchange-capacity, favouring the formation of clay-humic complex, is formulated as a source and reserve of macro and microelements that give a better profit of fertilization.





MAFA

FERTILIZERS

🌿 **Selection of formulations that include four line of fertilizer products**

Aminoacids, Biocorrectors with contribution of micronutrients, Foliar correctors Defence inductors

Stimulation of the main physiological processes of the plant.

FERTILIZERS

Aminoacids.



Aminon[®] WSP



80% Free aminoacids
13% Organic nitrogen

Aminon WSP is a powder product that contain organic nitrogen from aminoacids which provides excellent nutritional and biostimulant properties.

Aminon WSP restores the natural balance of the plant, stimulating vegetative growth and chlorophyll function. Protects also the plant against adverse conditions in order to achieve the maximum capacity of production improving the growth, flowering and fructification, thus getting a greater development of fruit and an advance in ripening.

5 Kg 

Aminon[®] Forte



24% Free aminoacids

Aminon Forte is a liquid biostimulant enriched in nitrogen from aminoacids, peptides and polypeptides. Furthermore, it improves the flowering and growth that is absorbed and assimilated rapidly by the plant through the leaves and roots, which enable it to synthesize its own proteins quickly, saving the metabolic processes necessary to make aminoacids from nitrogen.

It has a high content of free aminoacids that provide excellent nutritional and biostimulant proprieties. It induces the natural balance of the plant, stimulating vegetative growth and chlorophyll function. In addition, it facilitates protein synthesis, which helps to overcome rapidly the stress in the plants.

1L  5 L  20 L 

Aminon[®] Micro

10% Aminoacids with micronutrients

Aminon Micro is a product based on free aminoacids, which have a stimulating effect on plant during its active growth phase and flowering periods. It is developed by a modern process of hydrolysis of natural proteins that permits to obtain a product with high content in free biologically active aminoacids.

Aminon micro is also enriched with chelated microelements, which, s major cofactor helps to maximize its effectiveness in the different metabolic pathways preventing the deficiencies of essential micronutrients for the optimal development of plant.

1L  5 L  20 L 

Aminon[®] Mar



Seaweed extract with free aminoacids

Aminon Mar is a seaweed extract enriched in vital substances as auxins, gibberellins, cytokines and betaines that help the growth and development process of the plant.

Its special composition with algae *Ascophyllum nodosum* and aminoacids constitutes a natural reserve of micro and macronutrients that increase the production, quality and vigour of the crops. It has a dual effect within the root zone, giving rise to significant increases in root growth while also influencing the dynamic of bacteria colonizing of root.

1L  5 L  20 L 

- Correction of the nutritional deficiencies that appear when the absorption capacity of the roots is exceeded.

FERTILIZERS

Micronutrient biocorrectors



Ecoxy[®] Mix

Liquid Mixture of micronutrients

Ecoxy Mix corrects the deficiencies or imbalances of several elements. Due to this characteristic and formulation, it is particularly suitable for the cultivation of fruit, citrus, tropical trees and ornamental plants. The methyl ion improve soil stability which get more absorption of trace elements in the plant.

It is based on essential microelements chelated with heptagluconic acid and present in the form of soluble microelements, is indicated for preventing and correcting multiple deficiencies of various essential microelements in crops. Perfect for use in preventive and curative control of deficiency conditions.



Ecoxy[®] Ca



Ca deficiency corrector with amino acids

Ecoxy Ca is a corrector of quick mobility calcium deficiencies aimed to be used in foliar and soil applications. It also adds amino-acids and is activated with quick absorption, which experiences a high mobility in the plant. It is recommended in the initial stage of fruits growth in order to improve cell multiplication and the size of fruits.

In the fruit, swelling stage improves consistency and postharvest conditions. Additionally, it improves the production of lateral roots. Bioxy Ca is intended to be applied in periods where the plant needs to revive the foliage or activate the root system.

The high concentration of calcium incorporated in the product ensures a regular supply of this element to prevent the typical problems derivate from its lack. For instance, bitter-pit in apples, apical necrosis in tomato and pepper, strawberry tipburn, etc.



Ecoxy[®] Cu

Cu deficiency corrector with seaweed

Ecoxy Cu is formulated for preventing and correcting the deficiency of copper. Its acts as a catalyst of numerous enzymatic reactions, is involved in photosynthesis, facilitates synthesis of proteins and acts as stabilizer of chlorophyll.

Bioxy Cu is used as a source of copper when the crop needs to enhance respiration and photosynthesis to increase its development and/or induce the biosynthesis of polyphenols and phytoalexins, which are natural defence precursors.

Liquid formulation based on natural seaweed extract (auxins, cytokines and betaines) and enriched in high concentration of carbohydrates and vitamins. Complemented with copper to improve all the process related with growing, blooming, fruit setting, fattening and ripening.



Ecoxy[®] Zn-Mn-Mg-Cu

Deficiency corrector of Zn, Mn, Mg and Cu

Ecoxy Zn-Mn-Mg-Cu is a corrector of multiple deficiencies enriched in zinc, manganese, magnesium and copper. It is recommended to use in preventive control of deficiency conditions, combines metabolic activators with zinc, manganese, magnesium and copper to correct physiological disorders related to insufficient absorption of these microelements.

Ecoxy[®] Zn-Mn

Zn and Mn deficiency Corrector

Ecoxy Zn-Mn is a formulation in liquid state that has an easy assimilation by plant, is used to correct simultaneous deficiencies of zinc and manganese. These deficiencies normally appear together in the crops. The product combines metabolic activators with zinc and manganese to correct physiological disorders related to insufficient absorption of these microelements performs a highly specific process for the activation of enzymatic processes of plant and proteins formation.



Recommended products in phenological stages of high consumption of nitrogen, phosphorus and potassium.

FERTILIZERS

Foliar Correctors.



Folimax[®] Complex

NPK (8-8-8) liquid mixture with aminoacids

Folimax Complex es un líquido orgánico rico en nitrógeno, fósforo y potasio con gran contenido de microelementos. Debido a su equilibrio, puede utilizarse en cultivos herbáceos como complemento nutricional durante el ciclo vegetativo. Es un NPK líquido diseñado para céspedes y jardines, que necesitan una cantidad igual de nitrógeno, fósforo y potasio.

It is specially developed for different periods of phenological cycle. Each period in plant life is different, from growth to bloom and fructification. Therefore, it needs more or less different elements to complete its fructification at each stage.



Folimax[®] Inicium

NPK (17-15-5) 1B liquid mixture

Folimax Inicium is an organic liquid based on nitrogen, phosphorus and potassium with boron content. Due to its equilibrium, it can be used in herbaceous crops as a nutritional complement during vegetative cycle.

It is a foliar fertilizer completely soluble in water and rapidly absorbed, the product is specially recommended for the growth phase of the plant when it requires a special contribution of nitrogenous elements.



Folimax[®] Ripen

NPK (3-5-20) liquid mixture

Folimax Ripen is an organic liquid based on nitrogen, phosphorus and potassium, completely soluble in water. Given its high potassium oxide content, the product is specifically recommended for ripening stage of the plant that it requires a special contribution of potassium elements.



Folimax[®] K

NK (4-0-30) liquid mixture

Folimax K is a foliar fertilizer completely soluble in water and rapidly absorbed; the product is recommended for ripening stage of the plant when it requires a special contribution of potassium.



- Helping to the plant defend itself against both biotic and abiotic factors.

FERTILIZERS

Defense Inducers.



Maxifos® K

Defence elicitors of the plant against fungi and bacteria

Maxifos K is a formulation of potassium, soluble in water and easily absorbed by roots and leaves, it is accumulated principally in weakened areas to enhance and recover the plant. It stimulates self-defence mechanisms of roots, necks and fruit against pathogenic fungi.

Due to its highly content in phosphorus and potassium, this is an ideal product to use along the cycle of crop, particularly during fructification periods.



Maxifos® 40-20

Defence elicitors of the plant against fungi and bacteria

Maxifos 40-20 is a formulation based on potassium and phosphorus that is accumulated principally in weakened areas to recover and enhance the plant, stimulates self-defence mechanisms of root, necks, stems and fruits against pathogenic fungi.

The effectiveness of this product is due to its high concentrations that lead it to prevent the plant from infections by oomycetes fungi ((Peronospora, Phytophthora, Pythium, Plasmopara...).



Maxifos® Cu

Defences elicitor of the plant against fungi and bacteria with copper contribution

Maxifos Cu is a formulation based on phosphorus and potassium. It is accumulated principally in weakened areas to recover and reinforce the plant.

It supply also the copper to favour the synthesis of proteins and help to correct the deficiencies of this element.



Maxifos® Ca

Defence elicitors of the plant against fungi and bacteria with calcium contribution

Maxifos Ca is a product, developed to prevent and correct deficiencies of calcium and acts as a precursor agent of natural plant defences.

It also prevent and correct physiopaties related with calcium deficiency, including necrotic borders of leaves, apical necrosis, fruit drop, bitter pit, etc.



Maxifos® Mg

Defence elicitors of the plant against fungi and bacteria with magnesium contribution.

Maxifos Mg is a formulation based on phosphorus and potassium that is accumulated principally in weakened areas to recover and reinforce the plant.

Its formulation is also enriched in magnesium, which correct and prevent the deficiency of this element. The product favour the root development, reinforce the stems and roots against pathogen attacks.





NATURAL BIOSOLUTIONS

ALWAYS ON OUR MIND



MAFA
VEGETAL ECOBIOLOGY



MAFB *bioscience* 



MAFA

VEGETAL ECOBIOLOGY

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