



We work through
zero residue
 integrated process

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R+D+i
 Research and development of innovative products.



2

Formulation
 Manufacturing of goods that are committed to the modern agriculture.



3

Training and information
 Regarding the products without residues.



4

Advice on treatments
 We develop a specific protocol according to crop-needs.



5

Access to quality markets
 Agricultural products without residue suitable to penetrate luxury markets.



6

Market penetration
 Guaranteed access to a large distribution chains.



7

Needs covered, customers satisfaction
 Food without residue according to the growth in demand for healthy food products.





BIOSTIMULANTS



Biological substances that influence positively
 on the plant metabolic processes.

Promoting the vigour of crops and maximising
 the yield and harvest quality.





MAFA
 VEGETAL ECOBIOLOGY

Parque Metropolitano,
 Avda. de Incar, Parc. 30,
 18.130, Escúzar,
 Granada - Spain
 Tlf: +34 651 443 995
 info@mafa.es

www.mafa.es

Biopromoters with natural active substances

Formulations are designed to promote protein and enzymatic processes required during the nutritional needs (transplant, sprouting, flowering, fruit setting and development).



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Optimar®

Triple action serum. Increase in cell size by induction of proteins synthesis

Optimar is a bioactivator based on natural extracts 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.

Triple action serum	Aim
Alginic acid	Betaines precursor
AATC	Increases thiol groups level
Folic acid	Favours metabolic processes



Glucox®

Neutral carbohydrate potassium. High availability and sugars transport from leaves to fruits.

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 easily absorbed by the crops. It increases sugars production and transport from the leaves to the fruits.

Neutral potassium	Aim
Carbohydrate organic acid	Activates the principles enzymes of glycolysis



Greencal®

Macroalgae extract. Formulation based on calcium that contains powerful biostimulant effect.

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 *Asco-phyllum nodosum* (alginates, mannitols, polysaccharides and polyphenols).

Pure extract of macroalgae	Alginates Mannitols Polysaccharides Polyphenols
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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.

Lignosulfonic acid Carboxylic acid Aluminium lignosulfonate	Systemic antioxidant action Increases the phytoalexines and phenols level
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Balance®

Auxinic-cytokininc 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 promoting the processes of cellular division.

Complexed phytoingredients	Aim
Auxines	Cell lengthening
Cytokinines	Cell division



Fortacell®

Complex of carbohydrate calcium acetate. It acts such as a cellular cementing agent.

Fortacell contributes 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.

Calcium+boron+aminoacids	Aim
Complex of calcium acetate	Tissues hardening
Complex sugar-borate	Penetration to the membranes

