Biostimulants

1. R&D
   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.

Biological substances that influence positively on the plant metabolic processes.

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

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).

www.mafa.es
**Optimar**

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

Optimar is a bioactivator based on natural extracts from seaweed (Ascophyllum nodosum).

Its exclusive formulation from a combination of acids (algic acid, folic acid and glucuronic acid) forms a serum that stimulates and activates the cell division and elongation.

**Glucox**

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

Glucox incorporates carbohydrates, neutral organic acids and liquid potassium.

The carbohydrates that fill its formulation confer the biostimulant 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.

**Indumax**

Lignumflavon complex of aluminium. It acts such as self-defense inducer.

Indumax acts as an inducer in the physiological processes necessary for the synthesis of compounds biologically active by the plant. It induces the self-defense generating the proteins that have a great influence on photosynthesis, respiration and synthesis.

Formulated from microelements in the form of constant molecular complexes, using ligustrinic acid, aluminium nitrate or carbonic acid such as a component agent.

**Balance**

Acido-catalytic formula complex. Increases the quantity and quality of flowers.

Balance is a bioactivator which stimulates actions. Its biostimulating character induces specially the flowering by increasing the quantity and the quality of flowers.

Its formulation contains the active physiopharmaceuticals from natural origins that are enriched in microelements, amino acids and vitamins. These substances stimulate the optogrowth promoting the process of cellular division.

**Greencal**

Microalgae extract. Formulation based on calcium that contains bioactive biostimulant effect.

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

The extract of employed microalgae is obtained through low temperatures and cold-sterilization, extracting the natural active components present in algae (Ascophyllum nodosum) (algiktones, macrominerals, polyphenols and polypeptides).

**Fortacell**

Complex of carbonate calcium acetate. It acts such as quality and quantity agent.

Fortacell contributes to the formation of the structure of proplatele such as a cementing agent. Flowering the cells are attached, it also contains boron that is important for sugar circulation in the complete form "sugar-boron".

This type of complex is able to traverse nonpenetrable cell membranes. The principle aim is to mobilize the carbohydrates reserve of leaves toward fructification point.