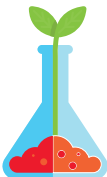


*Discover all product categories  
agricultural chemicals that Agrochimica offers.*

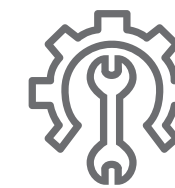
*Know all our variety of  
products and the range of fertilizers.*

**AGRO**  **CHIMICA**



# WHY CHOOSE US?

Because we like new challenges. We were born to lead the sector of agricultural chemicals from professionalism and respect.



## SERVICE

We are known for offering a service of constant and efficient customer service.



## EXPERIENCE

We have years of experience in agricultural chemical sector.



## PROFESSIONALISM

At Agrochimica we adapt to each customer to reflect the utmost professionalism.



## QUALITY

We guarantee the highest quality in our products within the sector.



# About Us

We are Agrochimica, experts in agricultural chemicals. The human team is the basis of our success and allows us to build pillars of solid growth, responding to the demands of the value chain. The end customer is our guide: the trust that Agrochimica has developed working alongside the producers is essential to continue innovating.





# PRODUCTS



ACTIVATORS  
DEFENSE



ANTIBIOTICS



AQUACULTURE



ATTRACTORS



Biostimulants



CORRECTOR/ACONDICIONADOR  
DE SUELO



CORRECTORS  
OF DEFICIENCIES



ECOLOGICAL - BIO



FERTILIZERS  
FOLIARS



Chitosan



SILICATES



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# ACTIVATORS DEFENSE

Defense Activators are products that stimulate the natural defenses of plants, against the attack of pathogens or diseases (fungi and bacteria). These products do not show direct activity against pathogens, but they trigger in plants biochemical modifications as will be observed later in the natural activation of the systemic acquired resistance (SAR). The results obtained after the application is the accumulation of phenols and phytoalexins, compounds natural low molecular weight that prevent the proliferation of pathogens in plants.





# DEFENSE ACTIVATORS

## FOSKA CU



### FEATURES

FOSKA Cu has a preventive effect, by inducing the synthesis of high concentrations of phytoalexins (natural defenses of plants), which reduce the damage caused to crops when pathogens attack them.

In addition, FOSKA Cu acts as a curative against fungi and bacteria. Depending on the dose applied, its effect is microbiostatic or microbiocidal. The combination of these two actions is important since they are reduced and / or eliminated the wounds produced by bacteria as they are gateways for pathogenic fungal spores.

This formulation allows the product to be quickly and completely absorbed by the foliage. It translocates systemically within the plant through the conducting vessels to the shoots, fruits and roots.

| GUARANTEED ANALYSIS                | (% M/V) |
|------------------------------------|---------|
| Organic Nitrogen (N)               | 1,00%   |
| Phosphorus (P2O5) soluble in water | 23,00%  |
| Potasio (K2O) soluble in water     | 20,00%  |
| Copper (Cu) chelated with EDTA     | 2,60%   |

## FOSKA CAL PLUS 380



### FEATURES

FOSKA CAL 380 is a foliar fertilizer that combines Phosphorus and Calcium in a balanced proportion to improve quality of fruit production. This unique balance ensures specific nutrition for the correct constitution of the fruits. Why apply Phosphorus and Calcium via foliar application?

- Phosphorus, applied foliarly on young fruits, improves cell division and facilitates the assimilation of Calcium; the fruits are denser, harder, more resistant to bruising, with larger and more regular sizes.
- Calcium, from the setting, allows a better resistance of the cells (rigidity and cohesion) and allows to avoid the Physiological disorders associated with the lack of Calcium (Bitter-Pit, conservation diseases, etc.). Conditions the Resistance of the fruits to fragmentation (Cracking or microfractures in the epidermis in stone fruits). East This is a determining factor to ensure good post-harvest fruit preservation.

The objective of FOSKA CAL 380 is to increase the size, resistance to bruising, resistance to fragmentation, and post-harvest fruit maintenance. It also contains Boron, a micronutrient with an important structural and essential role in plant growth, involved in the assimilation of phosphorus and in the synthesis of B vitamins in plants.

| GUARANTEED ANALYSIS                            | (% M/V) |
|------------------------------------------------|---------|
| Phosphorus (P2O5) soluble in water             | 38,00%  |
| Calcium oxide (CaO) soluble in water           | 30,00%  |
| Boron (B) in mineral form and soluble in water | 0,14%   |

## FOSKA CAL



### FEATURES

FOSKA CAL is a product developed for the prevention and correction of calcium deficiencies, and as an agent inducer of the natural defenses of plants. Calcium is a key element for the life cycle of plants, influencing from the processes involved in germination as well as in the ripening of the fruits. Calcium increases the resistance of plant tissues.

FOSKA CAL provides high mobility calcium, which is why it is especially recommended to control different fisiopathies caused by deficiencies of this element, such as apical necrosis, fruit drop in citrus, bitterpit in apples, and black heart in beets, etc.

The phosphorus in FOSKA CAL increases the resistance of the plant against cryptogamic diseases. The phosphate ion stimulates growth and acts on the hormonal system of the plant, promoting the production of phytoalexins, Low molecular weight antimicrobial compounds that limit the action of pathogens. FOSKA CAL is rapidly absorbed and reaches all parts of the plants with minimal energy expenditure.

| GUARANTEED ANALYSIS                | (% M/V) |
|------------------------------------|---------|
| Phosphorus (P2O5) soluble in water | 16,00%  |
| Calcium (CaO) soluble in water     | 5,00%   |

## FOSKA CAL MIX



### FEATURES

FOSKA CAL MIX is a product developed for the prevention and correction of calcium and boron deficiencies, and as inducing agent of the natural defenses of plants. Calcium is a key element for the life cycle of plants, influencing the processes involved in germination as well as in the ripening of the fruits. The calcium increases the resistance of plant tissues.

FOSKA CAL MIX provides highly mobile calcium, which is why it is especially recommended to control different fisiopathies caused by deficiencies of this element, such as apical necrosis, fruit drop in citrus, bitterpit in apples, and black heart in beets, etc. Boron is a micronutrient with an important role structural and essential in plant growth. It is involved in the metabolism of nucleic acids and in the of carbohydrates. It favors the absorption of cations and water. It is involved in the assimilation of phosphorus and in the synthesis of B complex vitamins in plants.

The phosphorus in FOSKA CAL MIX increases the resistance of the plant against cryptogamic diseases. The phosphine ion to stimulates growth and acts on the hormonal system of the plant, promoting the production of phytoalexins, low molecular weight antimicrobial compounds, which limit the action of pathogens. FOSKA CAL MIX is rapidly absorbed and translocated to all parts of the plants with minimal energy expenditure.

| GUARANTEED ANALYSIS                            | (% M/V) |
|------------------------------------------------|---------|
| Nitrogen (N) Total                             | 8,12%   |
| Calcium oxide (CaO) soluble in water           | 5,00%   |
| Phosphorus (P2O5) soluble in water             | 14,37%  |
| Boron (B) in mineral form and soluble in water | 0,62%   |



# DEFENSE ACTIVATORS

## FOSKA DUO 60



### FEATURES

FOSKA DUO 60 is a phosphorous and potassium solution. It translocates both upstream and downstream and it accumulates mainly in injured areas, recovering and strengthening the plant. The high wealth of Phosphorus makes FOSKA DUO 60 an ideal product to be used throughout the crop cycle and particularly during fruiting times due to its high potassium concentration. POTASSIUM AND PHOSPHORUS improve the organoleptic quality of fruits, vegetables and industrial crops, etc., as well as the coloration of flowers of ornamental plants. Applying at the end of the vegetative phase (before harvest or collection) advances the maturing, increases resistance to drought and climatic adversities. The presence, in the FOSKA DUO 60, of an adequate dose of chelating agent guarantees the total availability of POTASSIUM AND PHOSPHORUS, regardless of the quality of the water used for foliar and fertigation treatments.

| GUARANTEED ANALYSIS                | (% M/V) |
|------------------------------------|---------|
| Phosphorus (P2O5) soluble in water | 40,00%  |
| Potassium (K2O) soluble in water   | 20,00%  |

### Application

FOSS PK 40-20 is recommended for all crops that need POTASSIUM AND PHOSPHORUS as one of the primary nutrients (quality, size or size, early maturation, weight, etc.).

## FOSKA SILVER



### FEATURES

FOSKA SILVER is a product developed for the prevention and correction of Manganese deficiencies, and as inducing agent of the natural defenses of plants.

Manganese participates in photosynthesis, in plant respiration mechanisms and in numerous systems oxidation-reduction enzymes. It favors root development and intervenes in the synthesis of proteins and in the growth of plant cells.

The phosphorus in FOSKA SILVER increases the resistance of the plant against cryptogamic diseases. The phosphate ion stimulates growth and acts on the hormonal system of the plant, promoting the production of phytoalexins,

Low molecular weight antimicrobial compounds, which limit the action of pathogens.

FOSKA SILVER is quickly absorbed and transported to all parts of the plants with minimal expense energetic.

| GUARANTEED ANALYSIS                | (% M/V) |
|------------------------------------|---------|
| Phosphorus (P2O5) soluble in water | 20,00%  |
| Manganese (Mn) soluble in water    | 5,00%   |

## FOSKA COMBI 500



### FEATURES

FOSKA COMBI 500 is a phosphorous and potassium solution. It translocates both upward and downward and accumulates mainly in injured areas, recovering and strengthening the plant. The high wealth of Phosphorus makes FOSKA COMBI 500 an ideal product to be used throughout the crop cycle and particularly during fruiting times due to its high potassium concentration.

POTASSIUM AND PHOSPHORUS improve the organoleptic quality of fruits, vegetables and industrial crops, etc., thus like the coloring of the flowers of ornamental plants.

Applying at the end of the vegetative phase (before harvesting or harvesting) advances maturation, increases resistance to drought and climatic adversities.

The presence, in the FOSKA COMBI 500, of an adequate dose of chelating agent guarantees the total availability of the POTASSIUM AND PHOSPHORUS, regardless of the quality of the water used for foliar treatments and fertigation.

| GUARANTEED ANALYSIS                | (% M/V) |
|------------------------------------|---------|
| Phosphorus (P2O5) soluble in water | 30,00%  |
| Potassium (K2O) soluble in water   | 20,00%  |

### Application

FOSKA COMBI 500 is recommended for all crops that require POTASSIUM AND PHOSPHORUS as one of the primary nutrients (quality, caliber or size, anticipated maturation, weight, etc.).

## FOSKA BACTI 150



### FEATURES

FOSKA BACTI 150 is a product developed for the prevention and correction of molybdenum deficiencies, it acts as an inducing agent of the natural defenses of plants.

Molybdenum is involved in the synthesis and activation of essential enzymes in the nitrogen cycle. Quantities Insufficient of this nutrient paralyze the production of vitamins such as ascorbic acid (essential in the fruit set) and retain the formation of chlorophyll.

The phosphorus in FOSKA BACTI 150 increases the resistance of the plant against cryptogamic diseases. The ion phosphate stimulates growth and acts on the hormonal system of the plant, promoting the production of fi - toalexins, low molecular weight antimicrobial compounds, which limit the action of pathogens. FOSKA BACTI 150 is rapidly absorbed and translocated to all parts of plants with minimal energy expenditure.

| GUARANTEED ANALYSIS                | (% M/V) |
|------------------------------------|---------|
| Phosphorus (P2O5) soluble in water | 15,00%  |
| Molybdenum (Mo) soluble in water   | 3,00%   |



# DEFENSE ACTIVATORS

## FOSKA BLUE NN



### FEATURES

FOSKA BLUE NN is a concentrated source of phosphorus with a high nitrogen content, especially recommended for the moments of maximum need for these macronutrients. FOSKA BLUE NN also provides copper to favor the use of nitrogen, the synthesis of proteins and helps to correct the deficiencies of this element, in addition to favoring the natural defenses of plants.

The application of FOSKA BLUE NN allows the plant maintain an adequate level of phenols and phytoalexins that stimulate your natural defenses.

| GUARANTEED ANALYSIS                | (% M/V) |
|------------------------------------|---------|
| Nitrogen (N) Total                 | 10,00%  |
| Urea Nitrogen (N)                  | 10,00%  |
| Phosphorus (P2O5) soluble in water | 20,00%  |
| Copper (Cu) soluble in water       | 5,00%   |

## FOSKA ACTIVE PLUS



### FEATURES

FOSKA ACTIVE PLUS is a product developed for the prevention and correction of magnesium deficiencies, which it also acts as an inducer of the natural defenses of plants. FOSKA ACTIVE PLUS favors development root and enhances the flowering, fruit setting and ripening processes.

FOSKA ACTIVE PLUS provides the plant with a high amount of magnesium, the main constituent of the molecule of chlorophyll, which favors photosynthesis. In addition, magnesium improves the absorption of other elements such as phosphorus and acts as an enzyme activator. FOSKA ACTIVE PLUS provides the plant with a high content of phosphorus in phosphate ion form, which stimulates natural defenses. FOSKA ACTIVE PLUS provides resistance against certain fungi, in addition to strengthening the stem and roots against attacks by pathogens.

FOSKA ACTIVE PLUS has systemic action: it is quickly absorbed and distributed to all parts of the plant.

| GUARANTEED ANALYSIS                | (% M/V) |
|------------------------------------|---------|
| Phosphorus (P2O5) soluble in water | 40,00%  |
| Magnesium (MgO) soluble in water   | 10,00%  |

## FOSKA FOSFOR 210



### FEATURES

FOSKA FOSFOR is a nutritional compound with a double system (ascending and descending) that provides phosphorus and aluminum to treated crops. Phosphate ion in high concentrations encourages increased levels of PHYTOALEXINS and other similar substances responsible for the natural defense mechanisms of plants, strengthening them from the attacks of pathogenic fungi that cause diseases.

Excellent preventive and curative activity against: • Gummies in citrus fruits. • Root and neck rot in fruit trees.

- Peronospora of the vine. • Mildew of onion and garlic. • Phytophthora.

| GUARANTEED ANALYSIS                | (% M/V) |
|------------------------------------|---------|
| Phosphorus (P2O5) soluble in water | 21,40%  |
| Aluminum (Al) soluble in water     | 4,20%   |

## FOSKA ZINC 200



### FEATURES

FOSKA ZINC 200 is a product developed for the prevention and correction of zinc deficiencies, which also induces the synthesis of natural defenses of plants.

FOSKA ZINC 200 is a highly concentrated solution based on zinc and phosphorus. The first element, zinc, participates in the enzymatic activation of the plant metabolism. Intervenes in the synthesis of auxins, prevents the loss of apical dominance, reduction in leaf and internode size, internervial chlorosis and decreased plant growth. Phosphorus in the form of phosphate ion is a promoter of the natural defenses of plants and inducer of the synthesis of phytoalexins, antimicrobial compounds that act against the attack of fungi and phytopathogenic bacteria.

FOSKA ZINC 200 has systemic action, is rapidly absorbed and distributed to all parts of the plant.

| GUARANTEED ANALYSIS                | (% M/V) |
|------------------------------------|---------|
| Phosphorus (P2O5) soluble in water | 20,00%  |
| Zinc (Zn) soluble in water         | 5,00%   |

## FOSKA MAGNUM



### FEATURES

FOSKA MAGNUM is a product developed for the prevention and correction of zinc and manganese deficiencies, which it also induces the synthesis of natural plant defenses.

FOSKA MAGNUM is a highly concentrated solution based on manganese, zinc and phosphorus. The first element, the Manganese participates in photosynthesis, in plant respiration mechanisms and in numerous systems oxidation-reduction enzymes. It favors root development and is involved in protein synthesis and in growth of plant cells.

Zinc participates in the enzymatic activation of the plant's metabolism. It is involved in the synthesis of auxins, prevents loss of apical dominance, reduction in leaf and internode size, internervial chlorosis and decreased plant growth.

Phosphorus in the form of a phosphate ion is a promoter of the natural defenses of plants and an inducer of the synthesis of phytoalexins, antimicrobial compounds that act against the attack of fungi and phytopathogenic bacteria. FOSKA MAGNUM has systemic action, is rapidly absorbed and distributed to all parts of the plant

| GUARANTEED ANALYSIS                | (% M/V) |
|------------------------------------|---------|
| Nitrogen (N) Total                 | 3,00%   |
| Phosphorus (P2O5) soluble in water | 20,00%  |
| Manganese (Mn) soluble in water    | 5,00%   |
| Zinc (Zn) soluble in water         | 5,00%   |



# DEFENSE ACTIVATORS

## DEFENCEAL



### FEATURES

DEFENCEAL is a product based on zinc, manganese and copper, complexed with Aluminum Lignosulfonate, designed to provide the plant with these microelements, necessary for its proper growth. The microelements are complexed by Lignosulfonic Acid (LS) in the form of Aluminum Lignosulfonate.

DEFENSE stimulates the synthesis of phytoalexins, activating the natural defenses of the plant and protecting it from the attack of certain pathogenic fungi. In addition, the application of DEFENCEAL produces significant increases in the vegetative growth. The special formulation of the product means that, once applied, it provokes in the plant natural defense mechanisms (fortifying) against various pathogens, produced by fungi and bacteria. Also enhancing the development of the crop. The complexes that are formed, due to the aluminum lignosulfonate, they produce a systemic antioxidant action in vegetables, so the plant is stimulated and developed; especially indicated to enhance the growth and development of the crop. This is due to the increase in the level Phytoalexins, which produce a palliative effect on vascular fungi, preventing their development. It is also an excellent corrector for zinc, manganese and copper deficiencies. DEFENSE has ascending systemism and descending, with which it quickly reaches all the organs of the plant. Aluminum Lignosulfonate has vasodilator effect, which allows an increase in the mobilization of the sap.

| GUARANTEED ANALYSIS                       | (% M/V)                 |
|-------------------------------------------|-------------------------|
| Total urea nitrogen (N)                   | 6,50%                   |
| Complexed Manganese (Mn) soluble in water | 0,97%                   |
| Complex zinc (Zn) soluble in water        | 0,65%                   |
| Complexed copper (Cu) soluble in water    | 2,30%                   |
| Aluminum (Al) soluble in water            | 1,30%                   |
| Complexing agent                          | Aluminum lignosulfonate |

## FOSKA PK 520



### FEATURES

FOSKA PK 520, a soluble foliar fortifying agent, which has a preventive effect, by inducing the synthesis of high concentrations of phytoalexins (natural defenses of plants), which reduce the damage caused to crops.

when attacked by pathogens. In addition, FOSKA PK 520 acts as a curative against fungi and bacteria.

Depending on the dose applied, its effect is microbiostatic or microbiocidal. The combination of these two actions is important since the wounds produced by bacteria are reduced and / or eliminated and they are entry doors of pathogenic fungal spores.

Its continuous use by foliar route prevents the attack of these diseases in a natural way.

It is rapidly assimilated by plants due to its double system that characterizes it: Basipetal (foliar) and Acrope-tal (root). Contains organic salicylic acid, acts as an inducer of the defense system and natural resistance of the plants.

Prevents and corrects the physiopathies caused by the lack or problems of assimilation of phosphorus and potassium at any stage of the vegetative cycle, mainly in the meristems and points of cell differentiation.

| GUARANTEED ANALYSIS                | (% M/V) |
|------------------------------------|---------|
| Phosphorus (P2O5) soluble in water | 52,00%  |
| Potassium (K2O) soluble in water   | 42,00%  |

## INVICTUS CA 300



### FEATURES

Foliar fertilizer based on phosphorus and calcium. In addition to being a rich source of the mentioned nutrients, the presence of phosphorus in the formulation, in the form of phosphate ion, provides the product with a protective effect, particularly for the pathogens Phytium and Phytophthora (Peronosporales).

INVICTUS Ca 300 is an effective product to strengthen and stimulate the defense mechanism of plants, to trunk, neck and root level, especially in fruit, vegetable and ornamental crops. By having a system ascending and descending, it provides the treated plants with a greater nutritional and regenerative effect. INVICTUS Ca 300 is very important to counteract excess nitrogen, intensify root development and stimulate the pre-harvest phase. Its application gives consistency to crops in the ripening phase.

INVICTUS Ca 300 is recommended in the cultivation of vegetables, melon, watermelon, tomato, pepper, potato, pumpkins, onions among other vegetables and also in citrus, pineapple, avocado, banana, plantain and fruit trees plantations.

| GUARANTEED ANALYSIS                          | (% M/V) |
|----------------------------------------------|---------|
| Calcium (Ca)                                 | 30,00%  |
| Phosphorus (P) soluble in water              | 22,00%  |
| Calcium Oxide (CaO)                          | 41,00%  |
| Phosphorus pentoxide (P2O5) soluble in water | 52,00%  |

## INVICTUS PK 430



### FEATURES

INVICTUS PK 430, soluble foliar fortifying agent, which has a preventive effect, by inducing the synthesis of high concentrations of phytoalexins (natural defenses of plants), which reduce the damage caused to crops when attacked by pathogens. In addition, it acts as a curative against fungi and bacteria. According to the dose applied, its effect is microbiostatic or microbiocidal. The combination of these two actions is important given that reduce and / or eliminate the wounds produced by bacteria and that are port of entry of spores of pathogenic fungi.

Its continuous use by foliar route prevents the attack of these diseases in a natural way. Is quickly assimilable by plants due to its double system that characterizes it: Basipetal (foliar) and Acropetal (root).

It contains organic salicylic acid, acts as an inducer of the defense system and natural resistance of plants.

Prevents and corrects the physiopathies caused by the lack or problems of assimilation of phosphorus and potassium at any stage of the vegetative cycle, mainly in the meristems and points of cell differentiation.

| GUARANTEED ANALYSIS                | (% M/V) |
|------------------------------------|---------|
| Phosphorus (P2O5) soluble in water | 43,00%  |
| Potassium (K2O) soluble in water   | 57,00%  |



# DEFENSE ACTIVATORS

## INVICTUS ZN 2000



### FEATURES

INVICTUS Zn 2000 is a product developed for the prevention and correction of zinc deficiencies, which also induces the synthesis of natural defenses of plants.

INVICTUS Zn 2000 is a 100% soluble powder product based on zinc and phosphorus. The first element, zinc, participates in enzymatic activation of plant metabolism. Intervenes in the synthesis of auxins, prevents the loss of apical dominance, reduction in leaf and internode size, internervial chlorosis and decreased plant growth. Phosphorus in the form of phosphate ion is a promoter of the natural defenses of plants and inducer of the synthesis of phytoalexins, antimicrobial compounds that act against the attack of fungi and phytopathogenic bacteria.

INVICTUS Zn 2000 has systemic action, is rapidly absorbed and distributed to all parts of the plant.

### GUARANTEED ANALYSIS

(% M/V)

|                                              |        |
|----------------------------------------------|--------|
| Phosphorus pentoxide (P2O5) soluble in water | 24,00% |
| Zinc (Zn) soluble in water                   | 20,00% |

## INVICTUS MG 220



### FEATURES

INVICTUS Mg 200 is a 100% soluble powder product developed for the prevention and correction of deficiencies in magnesium, which also acts as an inducer of the natural defenses of plants.

INVICTUS Mg 200 favors root development and enhances the flowering, fruit setting and maturation processes of fruits, provides the plant with a high amount of magnesium, the main constituent of the chlorophyll molecule, which favors photosynthesis. In addition, magnesium improves the absorption of other elements such as phosphorus and acts as enzyme activator.

INVICTUS Mg 200 provides resistance against certain fungi, in addition to strengthening the stem and roots against pathogen attacks. INVICTUS Mg 200 has systemic action: it is rapidly absorbed and distributed to all parts of the plant.

### GUARANTEED ANALYSIS

(% M/V)

|                                              |        |
|----------------------------------------------|--------|
| Phosphorus pentoxide (P2O5) soluble in water | 22,00% |
| Magnesium (MgO) soluble in water             | 20,00% |

## FOSKA PREMIUM



### FEATURES

FOSKA PREMIUM is a 100% soluble powder product developed for the prevention and correction of deficiencies in calcium, and as an inducing agent of the natural defenses of plants.

Calcium is a key element for the life cycle of plants, influencing from the processes involved in the germination as in the ripening of the fruits. Calcium increases the resistance of plant tissues.

FOSKA PREMIUM provides high mobility calcium, which is why it is especially recommended to control different physiopathies caused by deficiencies of this element, such as apical necrosis, fruit drop in citrus, bitterpit in apples, and black heart in beets, etc.

The phosphorus in FOSKA PREMIUM increases the resistance of the plant against cryptogamic diseases. The phosphine ion to stimulates growth and acts on the hormonal system of the plant, promoting the production of fi - toalexins, low molecular weight antimicrobial compounds, which limit the action of pathogens.

FOSKA PREMIUM is rapidly absorbed and translocated to all parts of the plants with minimal expense energetic.

### GUARANTEED ANALYSIS

(% M/V)

|                                              |        |
|----------------------------------------------|--------|
| Phosphorus pentoxide (P2O5) soluble in water | 22,00% |
| Calcium (CaO) soluble in water               | 20,00% |

## FOSKA PRESS



### FEATURES

FOSKA PRESS is a product developed for the prevention and correction of iron deficiencies, which also induces the synthesis of natural plant defenses. Iron is essential in biochemical processes such as photosynthesis and cellular respiration of plants, in the metabolism of carbohydrates, in the reduction of nitrogen and in the formation of numerous enzymes. It has a preventive effect, by inducing the synthesis of high concentrations of phytoalexins (natural defenses of plants), which reduce the damage caused to crops when attacked by pathogens. This formulation allows the product to be quickly and completely absorbed by the foliage. It is transported systemically within the plant through the conductive vessels to the shoots, fruits and roots. In addition, it acts as a curative against fungi and bacteria.

Depending on the dose applied, its effect is microbistatic or microbicidal. The combination of these two actions is important since the wounds produced by bacteria are reduced and / or eliminated and they are entry doors of pathogenic fungal spores.

### GUARANTEED ANALYSIS

(% M/V)

|                                              |        |
|----------------------------------------------|--------|
| Phosphorus pentoxide (P2O5) soluble in water | 22,00% |
| Iron (Fe) soluble in water                   | 20,00% |



# DEFENSE ACTIVATORS

## FOSKA FOSFORO 200



### FEATURES

FOSKA FOSFORO 200 is a 100% soluble powder product with a high concentration of phosphorus, especially recommended for times of maximum need for these macronutrients. It also provides copper to favor the use of nitrogen, the synthesis of proteins and helps to correct the deficiencies of this element, in addition to favor the natural defenses of plants. The application of FOSKA FOSFORO 200 allows the plant to maintain an adequate level of phenols and phytoalexins that stimulate your natural defenses.

| GUARANTEED ANALYSIS                          | (% M/V) |
|----------------------------------------------|---------|
| Phosphorus pentoxide (P2O5) soluble in water | 20,00%  |
| Copper (Cu) soluble in water                 | 12,00%  |

## FOSKA ORGANIC



### FEATURES

FOSKA ORGANIC is a 100% soluble powder product developed for the prevention and correction of deficiencies in Manganese, and as an inducing agent of the natural defenses of plants. Manganese participates in photosynthesis, in plant respiration mechanisms, and in numerous oxidation-reduction enzyme systems. It favors root development and intervenes in the synthesis of proteins and in the growth of plant cells. The Phosphorus from FOSKA ORGANIC increases the resistance of the plant against cryptogamic diseases. The phosphate ion stimulates growth and acts on the hormonal system of the plant, promoting the production of phytoalexins, Low molecular weight antimicrobial compounds, which limit the action of pathogens. FOSKA ORGANIC se quickly absorbed and transported to all parts of the plants with minimal energy expenditure

| GUARANTEED ANALYSIS                          | (% M/V) |
|----------------------------------------------|---------|
| Phosphorus pentoxide (P2O5) soluble in water | 22,00%  |
| Manganese (Mn) soluble in water              | 20,00%  |

## FOSKA MOLI 100



### FEATURES

FOSKA MOLI 100 is a 100% soluble powder product developed for the prevention and correction of deficiencies in molybdenum, acts as an inducing agent of the natural defenses of plants. Molybdenum is involved in synthesis and activation of essential enzymes in the nitrogen cycle. Insufficient amounts of this nutrient they paralyze the production of vitamins such as ascorbic acid (essential in setting) and retain the formation of chlorophyll. The phosphorus in FOSKA MOLI 100 increases the resistance of the plant against cryptogamic diseases. The phosphate ion stimulates growth and acts on the hormonal system of the plant, promoting the production of fi toalexins, low molecular weight antimicrobial compounds, which limit the action of pathogens. FOSKA MOLI 100 is rapidly absorbed and transported to all parts of plants with minimal energy expenditure.

| GUARANTEED ANALYSIS                          | (% M/V) |
|----------------------------------------------|---------|
| Phosphorus pentoxide (P2O5) soluble in water | 20,00%  |
| Molybdenum (Mo) soluble in water             | 10,00%  |

## FOSKA TRIPLE



### FEATURES

FOSKA MOLI 100 is a 100% soluble powder product developed for the prevention and correction of deficiencies in molybdenum, acts as an inducing agent of the natural defenses of plants. Molybdenum is involved in the synthesis and activation of essential enzymes in the nitrogen cycle. Quantities Insufficient of this nutrient paralyze the production of vitamins such as ascorbic acid (essential in the fruit set) and retain the formation of chlorophyll.

The phosphorus in FOSKA MOLI 100 increases the resistance of the plant against cryptogamic diseases. The phos-fi ion to stimulates growth and acts on the hormonal system of the plant, promoting the production of phytoalexins, low molecular weight antimicrobial compounds, which limit the action of pathogens. FOSKA MOLI 100 it is quickly absorbed and transported to all parts of the plants with minimal energy expenditure.

| GUARANTEED ANALYSIS                          | (% M/V) |
|----------------------------------------------|---------|
| Phosphorus pentoxide (P2O5) soluble in water | 20,00%  |
| Molybdenum (Mo) soluble in water             | 10,00%  |

## INVICTUS COMPLEX



### FEATURES

FOSKA COMPLEX is a product developed for the prevention and correction of deficiencies of Boron, calcium, copper, Iron, Manganese, Molybdenum and Zinc, which also induces the synthesis of natural plant defenses. It comes in the form of a 100% soluble powder. FOSKA COMPLEX is quickly and completely absorbed by the foliage. I know systemically transported within the plant through the conducting vessels to the shoots, fruits and roots.

FOSKA COMPLEX has a preventive effect, by inducing the synthesis of high concentrations of phytoalexins (natural defenses of plants) , which reduce the damage caused to crops when they are attacked by agents. pathogens. In addition, FOSKA COMPLEX acts as a curative against fungi and bacteria. Depending on the dose applied, your effect is microbiostatic or microbicidal. The combination of these two actions is important since they reduce and / or eliminate the wounds produced by bacteria and that are entry points for pathogenic fungal spores.

| GUARANTEED ANALYSIS                            | (% M/V) |
|------------------------------------------------|---------|
| Phosphorus pentoxide (P2O5) soluble in water   | 20,00%  |
| Manganese (Mn) soluble in water                | 2,00%   |
| Boron (B) in mineral form and soluble in water | 2,00%   |
| Calcium (CaO) soluble in water                 | 2,00%   |
| Copper (Cu) soluble in water                   | 2,00%   |
| Iron (Fe) soluble in water                     | 2,00%   |
| Molybdenum (Mo) soluble in water               | 2,00%   |
| Zinc (Zn) soluble in water                     | 0,02%   |



# ANTIBIOTICS

Products that activate the natural defenses of plants, against the attack of pathogens or diseases (fungi and bacteria).

These products do not show direct activity against pathogens, but they trigger in plants biochemical modifications as will be observed later in the natural activation of the systemic acquired resistance (SAR).





## VITALITY 500



### FEATURES

Bactericide + Agricultural fungicide

Active Ingredient: Copper Gluconate: Copper / Streptomycin: Streptomycin Sulfate

VITALITY 500 is a soluble liquid product selectively toxic to bacteria, whose systematic properties allows it to be absorbed and distributed to all parts of the plant, protecting it from internal and external attack by Fire blight disease in Peral and Manzano.

### GUARANTEED ANALYSIS

(% M/V)

|                  |       |
|------------------|-------|
| Copper Gluconate | 6,00% |
| Streptomycin     | 1,75% |

### APPLICATION

It is effective in the control of numerous bacteria. Among those of agricultural interest are: watery (*Erwinia carotovora*), crown gall (*Agrobacterium tumefaciens*), crown galls (*Agrobacterium* sp), chili bacterial cancer (*Corynebacterium* sp), bacterial canker of the chili and tomato (*Clavibacter michiganensis*), tomato bacterial spot (*Xanthomomas vesicatoria*), bacterial spots (*Xanthomonas* sp.), black potato leg (*Erwinia* sp), soft, soft rots (*Erwinia carotovora*), bacterial blight (*Pseudomonas cichorii*) or fire blight (*Erwinia amylovora*). It is also effective against some fungi, among others: anthracnose (*Glomerella cingulata*), hairy ash from the apple tree (*Podosphaera leucotricha*), tobacco blue mold (*Peronospora hyoscyami* f.sp. *tabacina*), black rot of apple and pear trees (*Botryosphaeria obtusa*), scab (*Veturia pirina*) or scabies of the pear tree (*Venturia pirina*).

## VITALITY 1000



### FEATURES

Bactericide + Agricultural fungicide

Active Ingredient: Copper Gluconate: Copper / Streptomycin: Streptomycin Sulfate / Oxytetracycline: Oxytetracycline Hydrochloride

VITALITY 1000 is a soluble liquid product selectively toxic to bacteria, whose systematic properties allows it to be absorbed and distributed to all parts of the plant, protecting it from internal and external attack by Fire blight disease in Peral and Manzano.

### GUARANTEED ANALYSIS

(% M/V)

|                  |        |
|------------------|--------|
| Copper Gluconate | 6,00%  |
| Streptomycin     | 15,00% |
| Oxytetracycline  | 1,50%  |

### APPLICATION

It is effective in the control of numerous bacteria. Among those of agricultural interest, the following stand out: watery (*Erwinia carotovora*), crown gall (*Agrobacterium tumefaciens*), crown galls (*Agrobacterium* sp), chili bacterial cancer (*Corynebacterium* sp), bacterial canker of the chili and tomato (*Clavibacter michiganensis*), tomato bacterial spot (*Xanthomomas vesicatoria*), bacterial spots (*Xanthomonas* sp.), black potato leg (*Erwinia* sp), soft, soft rots (*Erwinia carotovora*), bacterial blight (*Pseudomonas cichorii*) or fire blight (*Erwinia amylovora*). It is also effective against some fungi, among others: anthracnose (*Glomerella cingulata*), vello-sa apple tree (*Podosphaera leucotricha*), tobacco blue mold (*Peronospora hyoscyami* f.sp. *tabacina*), black rot of apple and pear trees (*Botryosphaeria obtusa*), scab (*Veturia pirina*) or scabies of the pear tree (*Venturia pirina*).

## VITALITY 600



### FEATURES

Bactericide + Agricultural fungicide

Active Ingredient: Copper Gluconate: Copper / Streptomycin: Streptomycin Sulfate / Oxytetracycline: Oxytetracycline Hydrochloride.

VITALITY 600 is a mixture of two antibiotics (streptomycin, oxytetracycline) plus copper gluconate, with systemic and contact properties, formulated as a soluble liquid for the prevention and control of bacterial diseases known as fire blight in Apple and Pear trees.

### GUARANTEED ANALYSIS

(% M/V)

|                  |       |
|------------------|-------|
| Copper Gluconate | 6,00% |
| Streptomycin     | 1,75% |
| Oxytetracycline  | 0,22% |

### APPLICATION

It is effective in the control of numerous bacteria. Among those of agricultural interest are: watery (*Erwinia carotovora*), crown gall (*Agrobacterium tumefaciens*), crown galls (*Agrobacterium* sp), chili bacterial cancer (*Corynebacterium* sp), bacterial canker of the chili and tomato (*Clavibacter michiganensis*), tomato bacterial spot (*Xanthomomas vesicatoria*), bacterial spots (*Xanthomonas* sp.), black potato leg (*Erwinia* sp), soft, soft rots (*Erwinia carotovora*), bacterial blight (*Pseudomonas cichorii*) or fire blight (*Erwinia amylovora*). It is also effective against some fungi, among others: anthracnose (*Glomerella cingulata*), hairy ash from the apple tree (*Podosphaera leucotricha*), tobacco blue mold (*Peronospora hyoscyami* f.sp. *tabacina*), black rot of apple and pear trees (*Botryosphaeria obtusa*), scab (*Veturia pirina*) or scabies of the pear tree (*Venturia pirina*).

## VITALITY DUO G



### FEATURES

Bactericide + Agricultural fungicide

Active Ingredient: Copper Gluconate: Copper, Gentamicin Sulfate

VITALITY DUO G bactericide in soluble liquid form, made from gentamicin plus copper gluconate, which give it systemic and contact properties. Its use is recommended in the prevention and control of bacterial diseases such as tobacco wildfire.

### GUARANTEED ANALYSIS

(% M/V)

|                  |        |
|------------------|--------|
| Copper Gluconate | 8,00%  |
| Gentamicin       | 16,00% |

### APPLICATION

It is effective in the control of numerous bacteria. Among those of agricultural interest are: watery (*Erwinia carotovora*), crown gall (*Agrobacterium tumefaciens*), crown galls (*Agrobacterium* sp), chili bacterial cancer (*Corynebacterium* sp), bacterial canker of the chili and tomato (*Clavibacter michiganensis*), tomato bacterial spot (*Xanthomomas vesicatoria*), bacterial spots (*Xanthomonas* sp.), black potato leg (*Erwinia* sp), soft, soft rots (*Erwinia carotovora*), bacterial blight (*Pseudomonas cichorii*) or fire blight (*Erwinia amylovora*) It is also effective against some fungi, among others: anthracnose (*Glomerella cingulata*), hairy ash from the apple tree (*Podosphaera leucotricha*), tobacco blue mold (*Peronospora hyoscyami* f.sp. *tabacina*), black rot of apple and pear trees (*Botryosphaeria obtusa*), scab (*Veturia pirina*) or scabies of the pear tree (*Venturia pirina*).



# AQUACULTURE

NUTRIAQUA in its normal formulation or EXI contains:

Nitric Nitrogen, Silicate, Sodium and other elements such as Boron, Magnesium, Sulfur and Potassium. NUTRIAQUA also contains Phosphorus P2O5, in an ideal n / p ratio to encourage the development of Phytoplankton bloom also contains the same nutrients as NUTRIAQUA without phosphorous.

NUTRIAQUA provides oxygen and nitrates to improve the biochemical processes that occur in the mud, That is why it acts as a reducer of organic matter that is concentrated in the bottoms.

The use of NUTRIAQUA is a comprehensive solution that provides analysis and monitoring of each of the stages of the aquaculture production process





## APPLICATIONS AND USES

- NUTRIAQUA is used in different aquaculture environments:

- Low salinity waters.
- Estuarine waters.
- Ocean waters.
- Waters with low O2 Conc.

## -ACTIONS OF NUTRIAQUA AS AN ECOLOGICAL REGULATOR

- Alkalizes the pH due to its sodium content.
- Prevents the formation of sulfides and bad odors.
- Decontaminates water and soils loaded with organic matter.
- Increases the level of oxygen in the water column.
- Minimize benthic algae and "dead corners".
- Increases the useful life of culture ponds.
- Reduces the post-harvest treatment time of the ponds.
- Reduces the costs of preparing the pond before planting.

## -ACTIONS OF NUTRIAQUA AS AQUACULTURE FERTILIZER

- Immediate assimilation of 100% Nitric Nitrogen (NO<sub>3</sub>).
- Stimulates the development of diatoms due to its content of 100% soluble Silicate (SiO<sub>2</sub>).
- It favors the growth of microalgae, shrimp and other species due to its content essential trace elements.
- Decreases filamentous bacteria, increasing the nitrogen available for phytoplankton.
- It renews the algal population, making its proliferation more selective.
- Improves the quality of phytoplankton in ponds.
- Decreases the Levels of Cyanophyta in ponds.
- Serves as a pond treatment to eliminate "musty odor" or "off fl avor"

## AGRONUTRIENTE 1400



### GUARANTEED ANALYSIS

|                                                                        | (% M/M)     |
|------------------------------------------------------------------------|-------------|
| Nitrogen (N) (100% Nitrate)                                            | 14,00%      |
| Phosphorus pentoxide (P <sub>2</sub> O <sub>5</sub> ) soluble in water | 4,00%       |
| Silicate (SiO <sub>2</sub> ) soluble in water                          | 2,50%       |
| CE (l g/l a 20° C)                                                     | 1,1 mS / cm |
| PH (1% solution)                                                       | 7,6         |
| Solubility (g / l at 20 ° C)                                           | 200         |

## AGRONUTRIENTE 1600



### GUARANTEED ANALYSIS

|                                                                        | (% M/M)     |
|------------------------------------------------------------------------|-------------|
| Nitrogen (N) (100% Nitrate)                                            | 14,50%      |
| Phosphorus pentoxide (P <sub>2</sub> O <sub>5</sub> ) soluble in water | 6,00%       |
| Silicate (SiO <sub>2</sub> ) soluble in water                          | 3,50%       |
| Boro (B) soluble en agua                                               | 0,50%       |
| Sodio (Na) soluble en agua                                             | 23,00%      |
| CE (l g/l a 20° C)                                                     | 1,1 mS / cm |
| PH (1% solution)                                                       | 7,6         |
| Solubility (g / l at 20 ° C)                                           | 200         |

## AGRONUTRIENTE SUPREMO



### GUARANTEED ANALYSIS

|                                                                        | (% M/M)     |
|------------------------------------------------------------------------|-------------|
| Nitrogen (N) (100% Nitrate)                                            | 14,00%      |
| Phosphorus pentoxide (P <sub>2</sub> O <sub>5</sub> ) soluble in water | 4,00%       |
| Silicate (SiO <sub>2</sub> ) soluble in water                          | 2,50%       |
| CE (l g/l a 20° C)                                                     | 1,1 mS / cm |
| PH (1% solution)                                                       | 7,6         |



# ATTRACTORS

To this day, in crops there is a great loss in the harvest due to the bites of various types of flies that considerably damage and deteriorate the quality of the fruit. Among the types of flies, the best known and feared is the *Ceratitis Capitata*. ORANGESAFT develops a range of specific products, in order to significantly reduce the percentage of chopped fruit, based on attracting these insects through biological attractants. We are also in continuous fight against the common or house fly, which is a great nuisance in our own homes, farms, food stores, etc. We develop products 100% insecticide free.





## ATRAK 360



### FEATURES

ATRAK 360 is a formula based on hydrolyzed proteins. This product acts as a trophic attractant for adult diptera (flies and mosquitoes) and serves as a base material to mix with authorized insecticides in the preparation of insecticidal baits.

ATRAK 360 contains amino acids derived from the hydrolysis of vegetable proteins.

It is an attractant of adults of *Batrocera oleae*, *Ceratitis capitata* and *Rhagoletis cerasi*, olive fly, cherry and Mediterranean fly or fruit to mix with insecticide.

### BENEFITS:

- High insecticide compatibility.
- Effective attractant of adult Diptera.

### GUARANTEED ANALYSIS

(% M/V)

|                     |               |
|---------------------|---------------|
| Hydrolyzed Proteins | 36% (360 g/L) |
|---------------------|---------------|

## ATRAK DUO PLUS



### FEATURES

ATRAK DUO is a specific food attractant for the capture of *Drosophila suzukii* composed of peptides and organic acids with a high power of attraction. It is a 100% ecological solution that does not need insecticide any, neither in the formulation itself nor in its subsequent use in the field.

The effectiveness of the system is guaranteed as long as there is attractant in liquid form. The durability of the same can vary depending on the time of year and local weather.

### BENEFITS:

- Product ready for use.
- Leaves no residue on the fruits.
- Suitable for organic farming.
- It does not contain pheromones or insecticide in its composition or in its way of use.

### GUARANTEED ANALYSIS

(% M/V)

|               |        |
|---------------|--------|
| Peptides      | 10,00% |
| Organic acids | 10,00% |

## ATRAK TRAP 95



### FEATURES

ATRAK TRAP is a specific food attractant for the capture of *Ceratitis Capitata*. ATRAK TRAP is a system effective and 100% ecological for the control of fruit flies. Graduated evaporation of ATRAK TRAP causes a emission of volatile compounds, mainly amides and organic acids, with a high attractive power for the adults of this pest, especially for the females. ATRAK TRAP is applied inside a trap (fly traps provided with holes) to facilitate the emission of volatile compounds and the capture of the fly.

### BENEFITS:

- 100% ecological solution
- Leaves no residue on the fruits.
- High selectivity.
- Easy to use.
- It does not contain pheromones or insecticides in its composition and in its way of use.

### GUARANTEED ANALYSIS

(% M/V)

|                             |        |
|-----------------------------|--------|
| Hydrolyzed Proteins         | 95,00% |
| Additives and preservatives | 5,00%  |

## ATRAK FULL



### FEATURES

ATRAK FULL is a product for the control of fruit flies and olive flies. Formulated with a special bait and spinosad (active ingredient obtained naturally by aerobic fermentation of *Saccharo-polyspora bacteria spinosa*), acts by ingestion on adults that feed on the bait. The bait is made up of proteins vegetables, sugars, phago-stimulants, humectants and others, which give it great power of attraction and persistence than other baits.

### GUARANTEED ANALYSIS

(% M/V)

|                                      |                   |
|--------------------------------------|-------------------|
| Spinosad (Spinosyn A and Spinosyn D) | 0,024% (0,24 g/L) |
| Attractant / Bait                    | 9,98% (99,80 g/L) |

## ATRAK STOP



### FEATURES

ATRAK STOP is a mixture of proteins and other agents in fermented water that produces an attractive smell for the flies.

### GUARANTEED ANALYSIS

(% M/V)

|                                                                                                |         |
|------------------------------------------------------------------------------------------------|---------|
| Mix of proteins and other agents in fermented water that produce an attractive smell for flies | 100,00% |
|------------------------------------------------------------------------------------------------|---------|



# Biostimulants

The line of Biostimulants includes products that promote the metabolism of plants. They consist of nutrients rich in Nitrogen, Phosphorus, Potassium, Amino acids, polysaccharides, peptides and / or humic acids that improve crop yield, growth and quality. STYM / BIOENERGI are foliar and root application products developed from hydrolysis enzymatic protein substances of plant origin, therefore they have the most amino acids used in the biosynthesis of plants in the most suitable proportions and suitable for this purpose.





## FRUTY-SPEED



### FEATURES

FRUTY-SPEED is a formula with a high concentration of Potassium with amino acids. It has a neutral pH that allows full compatibility with hard water, phytosanitary treatments and fertilizers. FRUTY-SPEED accelerates the fruiting processes, achieving a homogeneous and favorable ripening the quality parameters of the fruit such as size, color, flavor, nutritional value and sugar content and oils. Especially recommended during the development, fattening and ripening of fruits, roots and tubers. FRUTY-SPEED increases the resistance of plants to conditions of environmental stress and attacks of certain fungi.

| GUARANTEED ANALYSIS                                 | (% M/M) |
|-----------------------------------------------------|---------|
| Free amino acids                                    | 5,00%   |
| Potassium oxide (K <sub>2</sub> O) soluble in water | 23,00%  |

## ALGIMAR NN



### FEATURES

ALGIMAR NN is a product based on extract of algae of the *Ascophyllum nodosum* species obtained by means of an exclusive process of fresh preparation that includes: manual harvesting, cleaning and a new system of cold extraction followed by a low temperature concentration process, resulting in an extract liquid, completely soluble. The gentle treatment applied to fresh algae can release and retain all the bioactive nutrients in the algae. macroalgae and guarantee their bioavailability. ALGIMAR NN is a 50% concentrated solution of natural extract of algae (*Ascophyllum nodosum*) enriched with Boron and Calcium. *Ascophyllum nodosum* seaweed extract is rich in plant growth hormones such as cytokinins, auxins, gibberalins, betaines, mannitol, organic acids, polysaccharides and amino acids. These molecules and To-regulators are involved in the growth and mobilization of nutrients towards the vegetative organs. They also contain both macronutrients and micronutrients.

| GUARANTEED ANALYSIS                            | (% M/V) |
|------------------------------------------------|---------|
| <i>Ascophyllum Nodosum</i> Algae Extract       | 50,00%  |
| Nitrogen (N) Total                             | 4,50%   |
| Organic Nitrogen (N)                           | 4,50%   |
| Calcium oxide (CaO) soluble in water           | 7,80%   |
| Boron (B) in mineral form and soluble in water | 0,20%   |
| Alginic Acid                                   | 1,50%   |
| Mannitol                                       | 0,50%   |
| Mono-Di-Tri polysaccharides                    | 15,00%  |

### APPLICATION

Its use is recommended to stimulate the general metabolism of the plant. The application of ALGIMAR NN to crops promotes germination of the seeds, improves root growth, increases the degree of fruit ripening, delays its senescence and increases the resistance to fungal and bacterial diseases. Vegetable eco-activator based on seaweed extracts, enriched with Calcium and Boron whose contained in nutrients and hormones provide excellent results, both in foliar application and in the soil. Its balanced natural cytokinin content stimulates the flowering, setting and ripening processes.

## BROT BASIC



### FEATURES

- Organic fortifier and biostimulant for plant nutrition with biologically peptides and amino acids assets.
- 10% Organic Nitrogen (N) and 10.30% guaranteed free amino acids.
- Increases the resistance of plants against stress and helps to overcome in a short time the arrest of vegetative growth due to stress factors.
- Certified for 889/2008 / CE, USDA / NOP and Spanish organic farming standards.
- BROT BASIC is an organic nutrient with rapid and total absorption by plants. It contains a balanced and optimal ratio between short chain peptides, long chain peptides and amino acids.

Obtained from vegetable protein by an original process of controlled enzymatic hydrolysis with purification final by ion exchange. It can be applied both in foliar spray and in application to the soil and is indicated as an organic nutrient and biostimulant of vegetation (roots, leaves, flowers and fruits) in all types of crops.

| GUARANTEED ANALYSIS         | (% M/V) |
|-----------------------------|---------|
| Free Amino Acids            | 10,30%  |
| Total Organic Matter        | 62,50%  |
| Organic Carbon (C)          | 36,25%  |
| Nitrogen (N) Total          | 10,90%  |
| Organic Carbon (C)          | 10,00%  |
| Ammoniacal Nitrogen (N)     | 0,90%   |
| Mono-Di-Tri Polysaccharides | 68,00%  |

### APPLICATION

The use of the product is possible at any time of the year. The amino acids in BROT BASIC are rapidly assimilated by the root and the leaf for the production of proteins, enzymes, endogenous, plant growth regulators and sugars. Apply BROT BASIC regularly for the period of greatest metabolic effort (transplantation, vegetative growth, flowering, maturation and maturation) to obtain a uniform vegetative growth and improve the quantity and quality of your agricultural production.

## BROT NN



### FEATURES

- Organic fortifier and biostimulant for plant nutrition with biologically peptides and amino acids assets.
- 8.5% Organic Nitrogen (N) and 10.60% guaranteed free amino acids.
- Increases the resistance of plants against stress and helps to overcome in a short time the arrest of vegetative growth due to stress factors.
- Certified for 889/2008 / CE, USDA / NOP and Spanish organic farming standards.
- BROT NN is an organic nutrient with rapid and total absorption by plants. Contains a balanced and optimal relationship between short chain peptides, long chain peptides and amino acids.

Obtained from vegetable protein by an original process of controlled enzymatic hydrolysis with purification final by ion exchange. It can be applied both in foliar spray and in application to the ground and is indicated as an organic nutrient and biostimulant of vegetation (roots, leaves, flowers and fruits) in all types of crops.



# BIOSTIMULANTS

| GUARANTEED ANALYSIS         | (% M/M) |
|-----------------------------|---------|
| Free Amino Acids            | 10,60%  |
| Total Amino Acids           | 53,70%  |
| Total Organic Matter        | 54,00%  |
| Organic Carbon (C)          | 31,32%  |
| Nitrogen (N) Total          | 9,00%   |
| Organic Nitrogen (N)        | 8,50%   |
| Ammoniacal Nitrogen (N)     | 0,50%   |
| Mono-Di-Tri polysaccharides | 20,00%  |

## APPLICATION

The use of the product is possible at any time of the year. The amino acids in BROT NN are rapidly assimilated by the root and the leaf for the production of proteins, enzymes, endogenous, plant growth regulators and sugars. Apply BROT NN regularly during the period of increased metabolic effort (transplantation, vegetative growth, flowering, maturation and maturation) to obtain uniform vegetative growth and improve the quantity and quality of your agricultural production.

## BROT NN 50



### FEATURES

- Organic fortifier and biostimulant for plant nutrition with biologically active peptides and amino acids.
  - 6.5% Total Nitrogen (N) and 15% Free Amino Acids guaranteed.
  - Increases the resistance of plants to stress and helps to overcome growth arrest in a short time vegetative due to stress factors.
  - Certified for 889/2008 / CE, USDA / NOP and Spanish organic farming standards.
  - BROT NN 50 is an organic nutrient with rapid and total absorption by plants. Contains a balanced and optimal relationship between short chain peptides, long chain peptides and amino acids.
- Obtained from vegetable protein by an original process of controlled enzymatic hydrolysis with purification final by ion exchange. It can be applied both in foliar spray and in application to the ground and is indicated as an organic nutrient and biostimulant of vegetation (roots, leaves, flowers and fruits) in all types of crops.

| GUARANTEED ANALYSIS                                 | (% M/V) |
|-----------------------------------------------------|---------|
| Free Amino Acids                                    | 15,00%  |
| Total Organic Matter                                | 50,00%  |
| Fulvic Acids                                        | 30,00%  |
| Organic Carbon (C)                                  | 29,00%  |
| Nitrogen (N) Total                                  | 6,50%   |
| Potassium oxide (K <sub>2</sub> O) soluble in water | 2,00%   |

## APPLICATION

The use of the product is possible at any time of the year. The amino acids in BROT NN 50 are rapidly assimilated by the root and the leaf for the production of proteins, enzymes, endogenous, plant growth regulators and sugars. Apply BROT NN 50 regularly for the period of greatest metabolic effort (transplantation, vegetative growth, flowering, maturation and maturation) to obtain a uniform vegetative growth and improve the quantity and quality of your agricultural production.

## BROT NN 15



### FEATURES

- Organic fortifier and biostimulant for plant nutrition with biologically peptides and amino acids assets.
  - 6% Total Nitrogen (N) and 15% guaranteed free amino acids enriched with Boron, Copper, Iron, Manganese and Molybdenum.
  - Increases the resistance of plants against stress and helps to overcome in a short time the arrest of vegetative growth due to stress factors.
  - Low Sodium (Na) and Chloride (Cl) content.
  - Certified for 889/2008 / CE, USDA / NOP and Spanish organic farming standards.
  - BROT NN 15 is an organic nutrient with rapid and total absorption by plants. Contains a balanced and optimal relationship between short chain peptides, long chain peptides and amino acids.
- Obtained from vegetable protein by an original process of controlled hydrolysis with final purification by ion exchange. It can be applied both in foliar spray and in application to the ground and is indicated as organic nutrient and biostimulant of vegetation (roots, leaves, flowers and fruits) in all types of crops.
- It favors the good vegetative development of crops, after diseases caused by attacks by insects or fungi (dent, screening).
  - It favors the grafting of grafts, stimulates budding, flowering and fruit set. It also favors rooting when applied to planting soil.
  - It favors a rapid recovery of the crop after frost, hail or mechanical damage (pruning).

| GUARANTEED ANALYSIS              | (% M/M) |
|----------------------------------|---------|
| Free Amino Acids                 | 15,00%  |
| Nitrogen (N) Total               | 6,00%   |
| Boron (B) soluble in water       | 0,34%   |
| Copper (Cu) soluble in water     | 0,04%   |
| Iron (Fe) soluble in water       | 1,60%   |
| Manganese (Mn) soluble in water  | 0,60%   |
| Molybdenum (Mo) soluble in water | 0,002%  |

## APPLICATION

Recommended in any type of crop. It can be applied both by foliar and root application. For prefl prayer treatments, drop the petals, fruit development, and at any time of the vegetation, for recovery after infections or wounds. It mixes directly with water in the spray tank. It can cause phytotoxicity in some varieties of plum.

## BROT NN 54



### FEATURES

- Organic fortifier and biostimulant for plant nutrition with biologically peptides and amino acids assets.
  - 8.4% Organic Nitrogen (N) and 17.70% guaranteed free amino acids.
  - BROT NN 54 is an organic nutrient with rapid and total absorption by plants. Contains a balanced and optimal relationship between short chain peptides, long chain peptides and amino acids.
- Obtained from vegetable protein by an original process of controlled enzymatic hydrolysis with purification final by ion exchange. It can be applied both in foliar spray and in application to the soil and is indicated as an organic nutrient and biostimulant of vegetation (roots, leaves, flowers and fruits) in all types of crops.



# BIOSTIMULANTS

- 100% bioactive amino acids.
- Fully assimilable and available.
- Great speed of absorption and incorporation into the metabolism of plants.
- Activate protein synthesis and save energy.
- Better response to different situations of plant stress (frost, rapid growth, nutritional deficiencies, drought) helping to overcome in a short time the arrest of vegetative growth due to factors of stress.
- Biostimulant effect: It acts by invigorating and stimulating plant metabolism and improves the effect of the rest of the mineral nutrients.
- Stimulates the formation of chlorophyll, indole butyl acid, vitamins and enzymatic processes.
- It has a regulating effect on the metabolism of microelements, favoring their penetration and transport.
- Stimulates flowering, fruit set, maturation and quality of the fruits.
- Certified for 889/2008 / CE, USDA / NOP and Spanish organic farming standards.

| GUARANTEED ANALYSIS         | (% M/M) |
|-----------------------------|---------|
| Free Amino Acids            | 17,70%  |
| Total Amino Acids           | 53,70%  |
| Total Organic Matter        | 54,00%  |
| Organic Carbon (C)          | 31,32%  |
| Nitrogen (N) Total          | 8,80%   |
| Organic Nitrogen (N)        | 8,40%   |
| Ammoniacal Nitrogen (N)     | 0,40%   |
| Mono-Di-Tri polysaccharides | 20,00%  |

### APPLICATION

The application of BROT NN 54 is carried out at the most critical moments of plant development: post-transplant, growth, pre-prayer, fruit set and development. As well as in adverse crop conditions: hot or cold shocks, water or saline stress, pest attacks or diseases, nutritional deficiencies, etc., being essential in plant recovery.

### BROT NN 45 STRONG



### FEATURES

- Organic fortifier and biostimulant for plant nutrition with biologically peptides and amino acids assets.
- 5.5% Organic Nitrogen (N) and 27.0% guaranteed free amino acids.
- BROT NN 45 STRONG is an organic nutrient with rapid and total absorption by plants. Contains a balanced and optimal ratio between short chain peptides, long chain peptides and amino acids. Obtained from vegetable protein by an original process of controlled enzymatic hydrolysis with purification final by ion exchange. It can be applied both in foliar spray and in application to the ground and is indicated as an organic nutrient and biostimulant of vegetation (roots, leaves, flowers and fruits) in all types of crops.
- 100% bioactive amino acids, fully assimilable and available.
- Great speed of absorption and incorporation into the metabolism of plants.
- Activate protein synthesis and save energy.
- Better response to different situations of plant stress (frost, rapid growth, nutritional deficiencies, drought) helping to overcome in a short time the arrest of vegetative growth due to factors of stress.

| GUARANTEED ANALYSIS  | (% M/M) |
|----------------------|---------|
| Free Amino Acids     | 27,00%  |
| Total Amino Acids    | 32,00%  |
| Total Organic Matter | 45,00   |
| Organic Carbon (C)   | 26,00%  |
| Nitrogen (N) Total   | 8,00%   |
| Organic Nitrogen (N) | 5,50%   |
| Nitrogen (N) Ureic   | 2,50%   |

### APPLICATION

The application of BROT NN 45 STRONG is carried out at the most critical moments of plant development: post-transplant, growth, pre-flowering, fruit set and fruit development. As well as in adverse conditions of the crops: cold or heat strokes, water or saline stress, attacks of pests or diseases, nutritional deficiencies etc, resulting essential in plant recovery.

### BROT NN 35



### FEATURES

- Organic fortifier and biostimulant for plant nutrition with biologically peptides and amino acids assets
- 7.5% Organic Nitrogen (N) and 35.0% Free Amino Acids guaranteed
- BROT NN 35 is an organic nutrient with rapid and total absorption by plants. Contains a balanced and optimal ratio between short chain peptides, long chain peptides and amino acids. Obtained from vegetable protein by an original process of controlled enzymatic hydrolysis with final purification by exchange ionic. It can be applied both as a foliar spray and as a soil application and is indicated as a nutrient organic and biostimulant of vegetation (roots, leaves, flowers and fruits) in all types of crops.
- 100% bioactive amino acids, fully assimilable and available.
- Great speed of absorption and incorporation into the metabolism of plants.
- Activate protein synthesis and save energy
- Better response to different situations of plant stress (frost, rapid growth, nutritional deficiencies, drought) helping to overcome in a short time the arrest of vegetative growth due to factors of stress
- Biostimulating effect: It acts by invigorating and stimulating plant metabolism and improves the effect of the rest of the mineral nutrients.
- Stimulates the formation of chlorophyll, indole butyl acid, vitamins and enzymatic processes.
- It has a regulating effect on the metabolism of microelements, favoring their penetration and transport
- Stimulates flowering, fruit set, maturation and quality of the fruits.
- Certified for 889/2008 / CE, USDA / NOP and Spanish organic farming standards

| GUARANTEED ANALYSIS  | (% M/M) |
|----------------------|---------|
| Free Amino Acids     | 35,00%  |
| Nitrogen (N) Total   | 11,00%  |
| Organic Nitrogen (N) | 7,50%   |
| Nitrogen (N) Ureic   | 3,50%   |

### APPLICATION

The application of BROT NN 35 is carried out at the most critical moments of plant development: post-transplant, growth, pre-prayer, fruit set and development. As well as in adverse crop conditions: hot or cold shocks, water or saline stress, pest attacks or diseases, nutritional deficiencies, etc., being essential in plant recovery.



## BROT ORGANIC



### FEATURES

- Foliar liquid fertilizer and by Fertigation for a natural and balanced feeding of the plant with Nitrogen (N) and Potassium (K)
- With betaine and natural proteins
- Contains free biologically active amino acids that increase growth and stimulation of plants
- Free of chemical additives, genetically modified raw materials and synthetic amino acids
- "Made in Spain"
- In accordance with the European Organic Agriculture Regulation 834/2007 / CE, 889/2008 / CE and the Regulation USA NOP.

BROT ORGANIC contains nutrients beneficial to plants such as amino acids, humic substances (humic and fulvic acids), betaine, vitamins, auxins and trace elements.

All these natural substances are available to the plant, guaranteeing a high nutritional value, providing great efficiency and strengthening the plants without losses due to leaching.

BROT ORGANIC applied by foliar spray acts as a biostimulant and supports the recovery of plants during climatic and biotic stress. The foliar application of exogenous amino acids (originating outside the organism vegetable) helps the plant to save energy otherwise used for the synthesis and translocation of amino acids endogenous.

We also recommend the foliar use of STYM BIO VEGETAL for a complementary use to the natural absorption of mineral fertilizers and nutrients present in the soil.

The regular application of BROT ORGANIC in fertigation favors the microbial flower (*Azotobacter* / *Pseudomonas*) and improves the texture and structure of the soil. Increases root growth and provides balanced development of crops by increasing the quality and quantity of their agricultural production.

The Betaine content in the product is useful during dry periods for its function as organic osmolytes \*. (\* Osmolytes are substances synthesized or absorbed by cells from the environment for protection against situations stress (osmotic stress, drought, high salinity or high temperature).

BROT ORGANIC is free of any chemical component that could be harmful to the soil and crops

| GUARANTEED ANALYSIS                                                    | (% M/M) |
|------------------------------------------------------------------------|---------|
| Total Amino Acids                                                      | 15,00%  |
| Total Organic Matter                                                   | 50,00%  |
| Total humic extract                                                    | 32,00%  |
| Organic Nitrogen (N)                                                   | 4,00%   |
| Organic Carbon (C)                                                     | 29,00%  |
| Betaine                                                                | 8,00%   |
| Potassium oxide (K <sub>2</sub> O) soluble in water                    | 4,00%   |
| Calcium (CaO) soluble in water                                         | 0,40%   |
| Sulfur (S) soluble in water                                            | 0,80%   |
| Phosphorus pentoxide (P <sub>2</sub> O <sub>5</sub> ) soluble in water | 0,10%   |
| Magnesium (MgO) soluble in water                                       | 0,10%   |

## APLICACIÓN

The application of BROT ORGANIC is carried out at the most critical moments of plant development: post-transplant, growth, pre-prayer, fruit set and development. As well as in adverse crop conditions: hot or cold shocks, water or saline stress, pest attacks

- diseases, nutritional deficiencies etc, resulting essential in plant recovery.

## BROT AY D



### FEATURES

- Organic fortifier and biostimulant for plant nutrition with biologically amino acids and peptides assets
- 5.75% Organic Nitrogen (N) and 8.75% Natural Free Amino Acids guaranteed
- Strengthens the plant's resistance to stress, increasing vegetative growth.
- Optimal Penetration in the leaf: The biostimulants of the raw materials are released from the structural matrix and delays the exclusive enzymatic hydrolysis process, with minimum sizes (300 Daltons) that allows a high penetration into the blade.
- High efficiency: Biostimulant that supports the synergistic action of different compounds in the raw material.
- 100% natural product free of pollutants, harmless and safe for the environment and the plant.

BROT AY D is a liquid organic compound produced by the hydrolysis of regenerating fish protein natural. The natural balance of total and free amino acids shown in the aminogram is proof of the absence of any synthesis of free amino acids and evidence of the naturalness of BROT AY D. BROT AY D improves the reabsorption in leaves and roots of the microelements of fertilizers (for example, iron, zinc, manganese and copper) due to the natural chelated properties of amino acids. BROT AY D is made from raw materials of high quality and is free of any chemical component that could be harmful to the soil and crops.

| GUARANTEED ANALYSIS                                                    | (% M/V) |
|------------------------------------------------------------------------|---------|
| Total Amino Acids                                                      | 37,50%  |
| Total Organic Matter                                                   | 8,75%   |
| Total Organic Matter                                                   | 59,00%  |
| Nitrogen (N) Total                                                     | 6,30%   |
| Ammoniacal Nitrogen (N)                                                | 0,35%   |
| Organic Nitrogen (N)                                                   | 5,75%   |
| Nitrogen (N) Ureic                                                     | 0,57%   |
| Phosphorus pentoxide (P <sub>2</sub> O <sub>5</sub> ) soluble in water | 2,41%   |
| Potassium oxide (K <sub>2</sub> O) soluble in water                    | 3,87%   |
| Organic Carbon (C)                                                     | 34,25%  |

## APPLICATION

El uso del producto es posible en cualquier momento del año. Los aminoácidos de BROT AY D son asimilados rápidamente por la raíz y por la hoja para la producción de endógenos, proteínas, enzimas, reguladores del crecimiento vegetal y azúcares. Aplicar BROT AY D regularmente durante el período de mayor esfuerzo metabólico (trasplante, crecimiento vegetativo, floración, y maduración) para obtener un crecimiento vegetativo uniforme y mejorar la cantidad y calidad de su producción agrícola.



## BROT PK



### FEATURES

- Organic fortifier and biostimulant for plant nutrition with biologically active amino acids and peptides
- 25.0% Natural amino acids guaranteed
- Strengthens the plant's resistance to stress, increasing vegetative growth.
- Optimal Penetration in the leaf: The biostimulants of the raw materials are released from the structural matrix and delays the exclusive process of enzymatic hydrolysis, with minimum sizes (300 Daltons) that allows a high penetration in the leaf.
- High efficiency: Biostimulant that supports the synergistic action of different compounds in the raw material.
- 100% natural product free of pollutants, harmless and safe for the environment and the plant.

BROT PK is a liquid organic compound produced by the hydrolysis of naturally regenerating fish protein enriched with high phosphorus and potassium content. The natural balance of total and free amino acids shown in the aminogram is the proof of the absence of any synthesis of the free amino acids and the evidence of the nature by BROT PK. BROT PK improves the reabsorption in leaves and roots of the microelements of fertilizers (for example, iron, zinc, manganese and copper) due to the natural properties of the amino acid chelate. BROT PK is manufactured with high quality raw materials and is free of any chemical component that could be harmful to the soil and the crops.

### GUARANTEED ANALYSIS

(% M/M)

|                                              |        |
|----------------------------------------------|--------|
| Total Amino Acids                            | 25,00% |
| Phosphorus pentoxide (P2O5) soluble in water | 17,00% |
| Potassium oxide (K2O) soluble in water       | 14,00% |

### APPLICATION

The use of the product is possible at any time of the year. The amino acids in BROT PK are rapidly assimilated by the root and the leaf for the production of endogenous proteins, enzymes, plant growth regulators and sugars. Apply BROT PK regularly during the period of increased metabolic effort (transplantation, vegetative growth, flowering, and maturation) to obtain vegetative growth uniform and improve the quantity and quality of its agricultural production.

## BROT AMINO P



### FEATURES

- Organic fortifier and biostimulant for plant nutrition with biologically active amino acids and peptides enriched with high potassium content
- 14.0% Natural amino acids guaranteed
- Strengthens the plant's resistance to stress, increasing vegetative growth.
- Optimal Penetration in the leaf: The biostimulants of the raw materials are released from the structural matrix and delays the exclusive process of enzymatic hydrolysis, with minimum sizes (300 Daltons) that allows a high penetration into the sheet.
- High efficiency: Biostimulant that supports the synergistic action of different compounds in the raw material.
- 100% natural product free of pollutants, harmless and safe for the environment and the plant.

BROT AMINO P is a liquid organic compound produced by the hydrolysis of naturally regenerating fish protein enriched with high Potassium content. The natural balance of total and free amino acids shown in the aminogram is proof of the absence of any synthesis of free amino acids and evidence of the naturalness of BROT AMINO P. Improves the reabsorption in leaves and roots of microelements of fertilizers (for example, iron, zinc, manganese and copper) due to the natural properties of the amino acid chelate. BROT AMINO P It is manufactured with high quality raw materials and is free of any chemical component that could be harmful to the soil and crops.

### GUARANTEED ANALYSIS

(% M/M)

|                                        |        |
|----------------------------------------|--------|
| Total Amino Acids                      | 14,00% |
| Potassium oxide (K2O) soluble in water | 15,00% |

### APPLICATION

The use of the product is possible at any time of the year. The amino acids in BROT AMINO P are rapidly assimilated by the root and the leaf for the production of endogenous proteins, enzymes, plant growth regulators and sugars. Apply BROT AMINO P regularly during the period of greatest metabolic effort (transplantation, vegetative growth, flowering, and maturation) to obtain a growth uniform vegetative growth and improve the quantity and quality of your agricultural production

## BROT NN 48



### FEATURES

- BROT NN 48 is a natural product obtained by enzymatic hydrolysis of plant origin, which achieves a high concentration of amino acids, it is presented in the form of soluble powder. BROT NN 48 is totally soluble.
- All the amino acids contained are in the "L" (left-handed) form in which they are fully assimilated by the plants.
- Product with a marked stimulating effect on plant development and also collaborates in the nutrition of the plant for its important content of nitrogen and organic matter.
- Maximum efficiency, regardless of weather conditions, at critical moments such as flowering, fruit set and plant growth.
- Likewise, it is an ideal product to use in organic agriculture.
- Class A fertilizer, heavy metal content lower than the limits specified for this classification. BROT NN 48 is a natural and stable mixture of complex structures being essential precursors for the construction of peptides, proteins and enzymes and at the same time accelerating the metabolic processes of the plant. Effects of foliar application: Increases cell permeability with the consequent increase in the capacity of absorption of nutritive ions; prevent and correct chlorosis by increasing the production of chlorophyll the; It has a great effect on plants damaged by toxicity, frosts and different states of stress; It contributes to the fruit set as it improves the fertilization of the flowers and reduces the development time of vegetative organs.

Effects of root application: Increases the activity of the microflora in the rhizofera area; improves ion availability conditions, due to the chelating effect; It has a rapid assimilation by the root system, producing a large increase in rootlets, thanks to the high content of Glycerin.

### ADVANTAGE

- Increases cell permeability with the consequent increase in the absorption capacity of nutritive ions.
- Prevents and corrects chlorosis by increasing the production of chlorophyll.
- It has a great effect on plants damaged by phytotoxicity, frost, and stress states.
- It contributes to the fruit setting as it improves the fertilization of the flowers and reduces the development time of the vegetative organs.
- It encourages biological and biochemical processes thus causing an increase in vegetation and production.
- Contributes to improving the effectiveness of treatments with phyto regulators and phytosanitary products



# BIOSTIMULANTS

| GUARANTEED ANALYSIS     | (% M/M) |
|-------------------------|---------|
| Total Amino Acids       | 48,00%  |
| Free Amino Acids        | 44,00%  |
| Total Organic Matter    | 49,00%  |
| Organic carbon          | 21,00%  |
| Nitrogen (N) Total      | 17,50%  |
| Ammoniacal Nitrogen (N) | 9,80%   |
| Organic Nitrogen (N)    | 7,70%   |

## APPLICATION

BROT NN 48 should be applied in the most active stages of the plant such as: vegetative development, flowering and fruiting. Ideal to be used in periods of stress suffered by crops.

## BROT NN 80



### FEATURES

- BROT NN 80 is a natural product obtained by enzymatic hydrolysis of plant origin, which achieves a high concentration of amino acids, it is presented in the form of soluble powder. BROT NN 80 is totally soluble.
- All the amino acids contained are in the "L" (left-handed) form in which they are fully assimilated by the plants.
- Product with a marked stimulating effect on plant development and also collaborates in the nutrition of the plant for its important content of nitrogen and organic matter.
- Maximum efficiency, regardless of weather conditions, at critical moments such as flowering, fruit set and plant growth.
- Likewise, it is an ideal product to use in organic agriculture.
- Class A fertilizer, heavy metal content lower than the limits specified for this classification. BROT NN 80 is a natural and stable mixture of complex structures being essential precursors for the construction of peptides, proteins and enzymes and at the same time accelerating the metabolic processes of the plant. Effects of foliar application: Increases cell permeability with the consequent increase in the capacity of absorption of nutritive ions; prevent and correct chlorosis by increasing the production of chlorophyll the; It has a great effect on plants damaged by toxicity, frosts and different states of stress; It contributes to the fruit set as it improves the fertilization of the flowers and reduces the development time of vegetative organs.

Effects of root application: Increases the activity of the microflora in the rhizofera area; improves ion availability conditions, due to the chelating effect; has a rapid assimilation by the root system, producing a large increase in rootlets, thanks to the high content of Glycerin

### APPLICATIONS AND ADVANTAGES

- Increases cell permeability with the consequent increase in the absorption capacity of nutritive ions.
- Prevents and corrects chlorosis by increasing the production of chlorophyll.
- It has a great effect on plants damaged by phytotoxicity, frost, and stress states.
- It contributes to the fruit setting as it improves the fertilization of the flowers and reduces the development time of the vegetative organs.
- It encourages biological and biochemical processes thus causing an increase in vegetation and production.
- Contributes to improving the effectiveness of treatments with phyto regulators and phytosanitary products

| GUARANTEED ANALYSIS     | (% M/V) |
|-------------------------|---------|
| Total Amino Acids       | 75,00%  |
| Free Amino Acids        | 70,00%  |
| Materia Orgánica Total  | 83,00%  |
| Organic carbon          | 38,00%  |
| Nitrogen (N) Total      | 12,40%  |
| Ammoniacal Nitrogen (N) | 1,40%   |
| Organic Nitrogen (N)    | 11,00%  |

## APPLICATION

BROT NN 80 should be applied in the most active stages of the plant such as: vegetative development, flowering and fruiting. Ideal to be used in periods of stress suffered by crops.

## BROT NN 90



### FEATURES

- Organic plant fortifier with biologically active amino acids
  - Enzymatic hydrolyzate of natural proteins with 99% L-amino acids
  - The amino acids present in the product do not undergo any addition of any synthesis.
  - Increases vegetative growth and resistance to plant stress
  - Improves the productive efficiency of micronutrient and phytosanitary treatments
- "Made in Spain" and in line with the Organic Agriculture Regulation 834/2007 / CE, 889/2008 / CE and USA-NOP

BROT NN 90 is a pure organic compound resulting from the hydrolysis of natural proteins of plant origin. The AMINOGRAM of free and total amino acids represents a balanced composition of amino acids and is a BROT NN 90 natural origin test. Based on high pressure liquid chromatography (HPLC) analysis, virtually all amino acids are available in free form.

BROT NN 90 is suitable for stimulation and stress reduction of plants. Free amino acids absorbed by leaves and plant tissues rapidly increase the vegetative activity of the plant, the resistance to stress and the quality of agricultural production. The application of exogenous amino acids contained in BROT NN 90 is very useful in adverse environmental conditions (transplanting, cold, salinity, drought and hail) and helps to the plant to save the energy used otherwise for the synthesis and translocation of endogenous amino acids. The Free amino acids from BROT NN 90 are able to bind and transport micronutrients rapidly through plant cells to the site of use, overcoming the chemical and physical barriers of the leaf cuticle, the wall cell and lymphatic system. The result is greater efficacy of micronutrient treatments and less application rates of fertilizers containing microelements. The higher the amino acid content free in the compound, the greater the efficacy of the micronutrient treatment.

BROT NN 90 is also a rich source of pure organic nitrogen and is virtually free of Sodium, Phosphates and Chlorides. The product is soluble in water for easy absorption by foliar, soil and is free of any chemical component that could be harmful to the soil and crops.

| GUARANTEED ANALYSIS  | (% M/M) |
|----------------------|---------|
| Total Amino Acids    | 48,00%  |
| Free Amino Acids     | 44,00%  |
| Total Organic Matter | 49,00%  |
| Organic carbon       | 21,00%  |
| Nitrogen (N) Total   | 17,50%  |



# BIOSTIMULANTS

## APPLICATION

The application of BROT NN 90 is carried out at the most critical moments of plant development: post-transplant, growth, pre-prayer, fruit set and development. As well as in adverse crop conditions: hot or cold shocks, water or saline stress, pest attacks diseases, nutritional deficiencies etc, resulting essential in plant recovery. Increase stimulation and reduction from plant stress.

## BROT MIX



### FEATURES

It is recommended to re-establish the water balance after situations of climatic or saline stress. BROT MIX contains organic phosphorus that provides the plant with energy. The micronutrients that make up this formulation are chelated by EDTA. Its application increases the average weight of the fruit, the diameter, the harvest, fruit set, sugar concentration, hardness (g / cm2) and earliness. BROT MIX reduces acidity and the percentage of small fruits.

### GUARANTEED ANALYSIS

|                                              | (% P/M) |
|----------------------------------------------|---------|
| Free Amino Acids                             | 5,36%   |
| Nitrogen (N) Total                           | 0,67%   |
| Organic Nitrogen (N)                         | 0,67%   |
| Phosphorus pentoxide (P2O5) soluble in water | 16,08%  |
| Potassium oxide (K2O) soluble in water       | 21,44%  |
| Boron (B) soluble in water                   | 0,67%   |
| Copper (Cu) EDTA water soluble               | 0,0026% |
| Iron (Fe) EDDHA water soluble                | 0,026%  |
| Manganese (Mn) EDTA water soluble            | 0,013%  |
| Molybdenum (Mo) soluble in water             | 0,067%  |
| Zinc (Zn) EDTA water soluble                 | 0,067%  |
| Total Microelements                          | 0,846%  |
| pH: 6-7                                      |         |

## APPLICATION

System and time of application:  
Apply at the time of fruit setting, fattening and coloring. In leafy crops, apply 3-4 times throughout vegetative growth. Mix with irrigation, drip, flood or hydroponic water. It can also be applied on the leaf or fruit.

## BROT NN 40



### FEATURES

- Organic fortifier of crops with biologically active amino acids
- Composed of plant nutrition with biologically active peptides and amino acids
- 6.40% Organic Nitrogen (N) and 8.00% Free Amino Acids guaranteed
- Increases the resistance of plants to stress and helps to overcome growth arrest in a short time vegetative due to stress factors
- Certified for 889/2008 / CE, USDA / NOP and Spanish organic farming standards
- BROT NN 40 is an organic nutrient with rapid and total absorption by plants. Contains a balanced and optimal relationship between short chain peptides, long chain peptides and amino acids. Obtained from vegetable protein by an original process of controlled enzymatic hydrolysis with final purification by ion exchange. It can apply both in foliar spray and in application to the soil and is indicated as an organic nutrient and Vegetation biostimulant (roots, leaves, flowers and fruits) in all types of crops.

## GUARANTEED ANALYSIS

|                                              | (% M/M) |
|----------------------------------------------|---------|
| Total Organic Matter                         | 40,00%  |
| Free amino acids                             | 8,00%   |
| Nitrogen (N) Total                           | 11,00%  |
| Ammoniacal Nitrogen (N)                      | 1,28%   |
| Organic Nitrogen (N)                         | 6,40%   |
| Nitrogen (N) Ureic                           | 4,60%   |
| Phosphorus pentoxide (P2O5) soluble in water | 4,00%   |
| Potassium oxide (K2O) soluble in water       | 7,00%   |
| Boron (B) soluble in water                   | 0,02%   |
| Copper (Cu) chelated with EDTA               | 0,05%   |
| Iron (Fe) chelated with EDTA                 | 0,10%   |
| Manganese (Mn) chelated with EDTA            | 0,05%   |
| Zinc (Zn) chelated with EDTA                 | 0,05%   |

## APPLICATION

The use of the product is possible at any time of the year. The amino acids in BROT NN 40 are rapidly assimilated by the root and the leaf for the production of proteins, enzymes, endogenous, plant growth regulators and sugars. Apply BROT NN 40 regularly for the period of greatest metabolic effort (transplantation, vegetative growth, flowering, maturation and maturation) to obtain a uniform vegetative growth and improve the quantity and quality of your agricultural production.

## BROT NN ROJO



### FEATURES

- Organic fortifier and biostimulant for plant nutrition with biologically active peptides and amino acids
- Contains 3.60% organic nitrogen (N) and 8% guaranteed natural free amino acids, without free amino acid synthesis
  - Supports plant resistance to stress and helps overcome vegetative growth arrest due to stress factors
  - Certified in 889/2008 / EC

## GUARANTEED ANALYSIS

|                                              | (% P/M) |
|----------------------------------------------|---------|
| Protein                                      | 18,50%  |
| Nitrogen (N) Total                           | 6,30%   |
| Organic Nitrogen (N)                         | 3,60%   |
| Ammoniacal Nitrogen (N)                      | 2,50%   |
| Nitrogen (N) Ureic                           | 0,20%   |
| Phosphorus pentoxide (P2O5) soluble in water | 4,70%   |
| Potassium oxide (K2O) soluble in water       | 6,20%   |
| Free Amino Acids                             | 8,00%   |
| Total Amino Acids                            | 22,80%  |
| Organic material                             | 22,80%  |
| Iron (Fe) EDDHA                              | 0,12%   |
| Boron (B) soluble in water                   | 0,0010% |
| Calcium Oxide Calcium (CaO) soluble in water | 0,0010% |
| Copper (Cu) soluble in water                 | 0,0010% |
| Manganese (Mn) soluble in water              | 0,0010% |
| Molybdenum (Mo) soluble in water             | 0,0001% |
| Zinc (Zn) soluble en agua                    | 0,0010% |



# BIOSTIMULANTS

### APPLICATION

The application by foliar spray supports the recovery of plants during situations of climatic and biotic stress such as frosts, hail, drought, soil salinity, infections or use of pesticides. Only a few applications of BROT NN RED contribute to an increase fast and remarkable of the robustness of the plant.

### BROT NN 5



#### FEATURES

- L - fully active left-handed amino acids.
- 100% free, codifiable and assimilable amino acids.
- Rapid absorption and translocation of trace elements.
- Quick and efficient solution.
- Helps to overcome situations of water and climatic stress.
- Promotes plant biological activation.
- Provides multiple effects on nutrition and prevention of micronutrient deficiency states and facilitates a optimal biological activity in plants.
- Effect of high bio-energetic value: Alternative source of free and active amino acids, which are incorporated into the metabolism of the plant, forming proteins that are responsible for a multitude of physiological processes.
- Anti-stress effect: It favors the resistance of the plant in stressful situations caused by heat or cold shock, drought, flooding or salinity, attack by diseases, pests or phytotoxicities.

| GUARANTEED ANALYSIS               | (% M/V) |
|-----------------------------------|---------|
| Free Amino Acids                  | 10,00%  |
| Copper (Cu) chelated with EDTA    | 5,00%   |
| Iron (Fe) chelated with EDTA      | 5,00%   |
| Manganese (Mn) chelated with EDTA | 5,00%   |
| Zinc (Zn) chelated with EDTA      | 5,00%   |

### APPLICATION

The application of BROT NN 5 is carried out via foliar or drip at the most critical moments of the crop: post-transplant, growth, pre-flowering, fruit set and development. As well as in adverse crop conditions: cold or heat strokes, water or saline stress, attacks by pests or diseases, deficiencies nutritional etc., being essential in the vegetable recovery.

### BORO MESCLUM NN 6



#### CARACTERÍSTICAS

- L - fully active left-handed amino acids.
- 100% free, codifiable and assimilable amino acids.
- Rapid absorption and translocation of trace elements.
- Quick and efficient solution.
- Helps to overcome situations of water and climatic stress.
- Promotes plant biological activation.

- Provides multiple effects on nutrition and prevention of micronutrient deficiency states and facilitates a optimal biological activity in plants.
- Effect of high bio-energetic value: Alternative source of free and active amino acids, which are incorporated into the metabolism of the plant, forming proteins that are responsible for a multitude of physiological processes.
- Anti-stress effect: It favors the resistance of the plant in stressful situations caused by heat or cold shock, drought, flooding or salinity, attack by diseases, pests or phytotoxicities.

| GUARANTEED ANALYSIS              | (% M/V) |
|----------------------------------|---------|
| Free Amino Acids                 | 2,00%   |
| Boron (B) soluble in water       | 6,00%   |
| Cobalt (Co) soluble in water     | 0,01%   |
| Manganese (Mn) soluble in water  | 1,00%   |
| Molybdenum (Mo) soluble in water | 2,00%   |
| Zinc (Zn) soluble in water       | 1,00 %  |

### APPLICATION

The application of BORO MESCLUM NN 6 is carried out via foliar or drip at the most critical moments of the crop: post-transplant, growth, prefl prayer, fruit set and development. As well as in adverse conditions of crops: cold or heat, water or saline stress, attacks by pests or diseases, deficiencies nutritional etc., being essential in the vegetable recovery.

### BROT NN 5 COMBI



#### FEATURES

- L - fully active left-handed amino acids.
- 100% free, codifiable and assimilable amino acids.
- Rapid absorption and translocation of trace elements.
- Quick and efficient solution.
- Helps to overcome situations of water and climatic stress.
- Promotes plant biological activation.
- Provides multiple effects on nutrition and prevention of micronutrient deficiency states and facilitates a optimal biological activity in plants.
- Effect of high bio-energetic value: Alternative source of free and active amino acids, which are incorporated into the metabolism of the plant, forming proteins that are responsible for a multitude of physiological processes.
- Anti-stress effect: It favors the resistance of the plant in stressful situations caused by heat or cold shock, drought, flooding or salinity, attack by diseases, pests or phytotoxicities.

| GUARANTEED ANALYSIS              | (% M/M) |
|----------------------------------|---------|
| Free Amino Acids                 | 5,00%   |
| Calcium (Ca) soluble in water    | 5,00%   |
| Copper (Cu) soluble in water     | 5,00%   |
| Iron (Fe) soluble in water       | 5,00%   |
| Magnesium (MgO) soluble in water | 5,00%   |
| Manganese (Mn) soluble in water  | 5,00%   |
| Zinc (Zn) soluble in water       | 5,00%   |

### APPLICATION

The application of BROT NN 5 COMBI is carried out at the most critical moments of the crop: post-transplant, growth, pre-flowering, fruit set and fruit development. As well as in adverse conditions of the crops: cold or heat strokes, water or saline stress, attacks by pests or diseases, nutritional deficiencies, etc., being essential in plant recovery.



## BROT NN 7 COMBO



### FEATURES

- L - fully active left-handed amino acids.
- 100% free, codifiable and assimilable amino acids.
- Rapid absorption and translocation of trace elements.
- Quick and efficient solution.
- Helps to overcome situations of water and climatic stress.
- Promotes plant biological activation.
- Provides multiple effects on nutrition and prevention of micronutrient deficiency states and facilitates a optimal biological activity in plants.
- Effect of high bio-energetic value: Alternative source of free and active amino acids, which are incorporated into the metabolism of the plant, forming proteins that are responsible for a multitude of physiological processes.
- Anti-stress effect: It favors the resistance of the plant in stressful situations caused by heat or cold shock, drought, flooding or salinity, attack by diseases, pests or phytotoxicities.

### GUARANTEED ANALYSIS

(% M/V)

|                                  |       |
|----------------------------------|-------|
| Free Amino Acids                 | 5,00% |
| Calcium (CaO) soluble in water   | 5,00% |
| Copper (Cu) soluble in water     | 5,00% |
| Iron (Fe) soluble in water       | 5,00% |
| Magnesium (MgO) soluble in water | 5,00% |
| Manganese (Mn) soluble in water  | 5,00% |
| Molybdenum (Mo) soluble in water | 0,05% |
| Zinc (Zn) soluble in water       | 5,00% |

### APPLICATION

The application of BROTT NN 7 COMBO is carried out in the most critical moments of the crop: post-transplant, growth, pre-flowering, fruit set fruit development. As well as in adverse conditions of the crops: cold or heat strokes, water or saline stress, attacks by pests or diseases, nutritional deficiencies, etc., being essential in plant recovery.

## BROT NN O 92



### FEATURES

- BROTT NN O 92 is a natural product obtained by enzymatic hydrolysis of hemoglobin, which achieves a high concentration of amino acids, it is presented in the form of dispersible micro granules Fully soluble.
- All the amino acids contained are in the "L" (left-handed) form in which they are fully assimilated by the plants.
- Product with a marked stimulating effect on plant development and also contributes to the nutrition of the plant for its important content of nitrogen, potassium and organic matter.
- Maximum efficiency, regardless of weather conditions, at critical moments such as flowering, fruit set and plant growth.
- Likewise, it is an ideal product to use in organic agriculture.
- Class A fertilizer, heavy metal content lower than the limits specified for this classification.

### APPLICATIONS AND ADVANTAGES:

- Increases cell permeability with the consequent increase in the absorption capacity of ions nutritious.
- Prevents and corrects chlorosis by increasing the production of chlorophyll.
- It has a great effect on plants damaged by phytotoxicity, frost, and stress states.
- Contributes to the fruit set as it improves the fertilization of the flowers and reduces the development time of the vegetative organs.
- It encourages biological and biochemical processes thus causing an increase in vegetation and production.
- It contributes to improving the efficiency of treatments with phytohormones and phytosanitary products.

### GUARANTEED ANALYSIS

(% M/M)

|                                              |         |
|----------------------------------------------|---------|
| Total Amino Acids                            | 84,80%  |
| Free Amino Acids                             | 16,50%  |
| Nitrogen (N) Total                           | 13,90%  |
| Nitrogen (N) Nitric                          | 12,90%  |
| Ammoniacal Nitrogen (N)                      | 1,00%   |
| Total Organic Matter                         | 92,00%  |
| Calcium (CaO) soluble in water               | 0,60    |
| Phosphorus pentoxide (P2O5) soluble in water | 0,70%   |
| Potassium oxide (K2O) soluble in water       | 5,00%   |
| Magnesium (Mg) soluble in water              | 324 ppm |
| Iron (Fe) soluble in water                   | 410 ppm |

### APPLICATION

Apply BROTT NN O 92 in the most active stages of the plant such as: vegetative development, flowering and fruiting. Ideal for use in periods of stress.

## BORO (ZN) 6%



### FEATURES

- L - fully active left-handed amino acids.
- 100% free, codifiable and assimilable amino acids.
- Rapid absorption and translocation of trace elements.
- Quick and efficient solution.
- Helps to overcome situations of water and climatic stress.
- Promotes plant biological activation.
- Provides multiple effects on nutrition and prevention of micronutrient deficiency states and facilitates a optimal biological activity in plants.
- Effect of high bio-energetic value: Alternative source of free and active amino acids, which are incorporated into the metabolism of the plant, for
- Anti-stress effect: It favors the resistance of the plant in stressful situations caused by heat or cold shock, drought, flooding or salinity, attack by diseases, pests or phytotoxicities

### GUARANTEED ANALYSIS

(% M/V)

|                                  |       |
|----------------------------------|-------|
| Free Amino Acids                 | 4,00% |
| Boron (B) soluble in water       | 6,00% |
| Cobalt (Co) soluble in water     | 0,01% |
| Manganese (Mn) soluble in water  | 1,00% |
| Molybdenum (Mo) soluble in water | 2,00% |
| Zinc (Zn) soluble in water       | 1,00% |



## APPLICATION

The application of BORO (ZN) 6% is carried out via foliar or drip at the most critical moments of the crop: post-transplant, growth, pre-flowering, fruit set and development.

As well as in adverse crop conditions: cold or heat strokes, water or saline stress, attacks by pests or diseases, deficiencies nutritional etc., being essential in the vegetable recovery.

## NITRO TOTAL (PH 6-7)



### FEATURES

NITRO TOTAL (PH 6-7) is a biostimulant based on plant extracts, promoter of sprouting in cherry trees and grapes table. It meets the needs of cold hours, anticipating and / or increasing sprouting, in addition to reducing the nonuniformity. In cherry trees it anticipates and homogenizes the sprouting, fl oration and ripening of fruits and in table grapes anticipates and evens out sprouting and maturation, reducing the number of blind buds.

Due to its composition and formulation, it is not phytotoxic and it is harmless for operators, machinery and the environment.

### GUARANTEED ANALYSIS

|                                        | (% M/V) |
|----------------------------------------|---------|
| Nitrogen (N) Total                     | 18,75%  |
| Ammoniacal Nitrogen (N)                | 3,88%   |
| Nitrogen (N) Nitric                    | 7,25%   |
| Nitrogen (N) Ureic                     | 7,63%   |
| Potassium oxide (K2O) soluble in water | 5,88%   |

## BROT FE 100%



### FEATURES

- Chemical mixture of iron chelated micronutrients
- Iron 100% chelated by EDDHA with an optimal balance, between ortho-ortho and ortho-para isomers.
- Maximum stability in calcareous and alkaline agricultural soils offering alkaline stability.
- It has fast action and a long proven persistence.
- Synergistic activation of micro-elements.

The joint action of the three essential chelated micronutrients provides a great synergy that supposes optimum photosynthetic efficiency and improvement in plant metabolism, obtaining substantial improvements in the results if we compare with the use of each of the micronutrients separately.

The specific amino acids present in BROT FE 100% act on rhizogenesis, stimulating development root, favoring a greater absorption of microelements and contributing to the formation of pigments chlorophyll.

BROT FE 100% is presented in the form of water dispersible microgranules (WG) with rapid and complete solubility, that ensures the total assimilation of the nutrients it contains.

## GUARANTEED ANALYSIS

|                                              | (% M/M) |
|----------------------------------------------|---------|
| Iron (Fe) soluble in water                   | 6,00%   |
| Iron (Fe) chelated with EDDHA                | 6,00%   |
| Total Amino Acids                            | 12,00%  |
| Free Amino Acids                             | 2,30%   |
| Total Humic Extract                          | 15,00%  |
| Fulvic Acids                                 | 15,00%  |
| Nitrogen (N) Total                           | 1,80    |
| Organic Nitrogen (N)                         | 1,70%   |
| Ammoniacal Nitrogen (N)                      | 0,10%   |
| Potassium oxide (K2O) soluble in water       | 0,50%   |
| Phosphorus pentoxide (P2O5) soluble in water | 0,20%   |
| Calcium oxide (CaO) soluble in water         | 0,20%   |

## BROT NN CALCIO 8%



### FEATURES

BROT NN CALCIUM 8% is an optimal product to stimulate development, fl oration and fruit set as well as to prevent and correct calcium deficiencies. The amino acids favor and facilitate the assimilation of Calcium. BROT NN CALCIUM 8% contains in its formulation amino acids and organic acids that complex and mobilize calcium towards the plant organs.

- Function of Calcium: It plays an important role in all phases of the life of the plant. It is essential for the growth (from germination to fruit maturity). Calcium allows plant tissues to be more resistant.

- Its deficiency: Calcium deficiency occurs due to its low mobility. Apical necrosis, bitter-pit, cracking or cracking of fruits, and premature maturity are examples of calcium deficiencies.

### GUARANTEED ANALYSIS

|                                      | (% M/M) |
|--------------------------------------|---------|
| Total Amino Acids                    | 15,00%  |
| Free Amino Acids                     | 6,00%   |
| Nitrogen (N) Total                   | 3,50%   |
| Organic Nitrogen (N)                 | 3,30%   |
| Ammoniacal Nitrogen (N)              | 0,20%   |
| Organic Carbon ©                     | 11,00%  |
| Calcium oxide (CaO) soluble in water | 8,00%   |

## APPLICATION

Apply BROT NN CALCIO 8% to promote the recovery of crops weakened by frost, water stress and phytosanitary treatments. Facilitating protein synthesis at critical moments, as well as meristematic activity, pollination and fruit set, consistency of the fabrics, etc.

BROT NN CALCIUM 8% is recommended to prevent and correct calcium deficiencies, stimulating crop growth. Make foliar applications or dilute in the irrigation water. Apply in 2-3 week intervals using enough water to cover the crop.



## BROT NN (MGO)



### FEATURES

BROT NN (MgO) contains in its formulation amino acids and organic acids that complex and mobilize magnesium towards the organs of the plant. BROTONN (MgO) is totally stable and soluble, being easily assimilated by the plants.

- Symptoms: Magnesium (Mg) is very mobile within the plant, so when it is missing, it migrates from old leaves (where symptoms appear) to young ones. Internervial chlorosis is observed, as well as reddish, orange, yellow or purple colorations.
- Function of Magnesium (Mg): this element is essential for the plant since the Mg atom is part of the chlorophyll molecule. It is also related to the metabolism of phosphorus (P) since it intervenes in its absorption and transportation.
- Magnesium (Mg) deficiency: produces a reduction in photosynthetic activity, and as a consequence a decreased crop yields.

### GUARANTEED ANALYSIS

(% M/M)

|                            |        |
|----------------------------|--------|
| Total Amino Acids          | 15,00% |
| Free Amino Acids           | 6,00%  |
| Nitrogen (N) Total         | 2,20%  |
| Organic Nitrogen (N)       | 2,00%  |
| Ammoniacal Nitrogen (N)    | 0,20%  |
| Organic Carbon ©           | 6,50%  |
| Boron (B) soluble in water | 4,00%  |

### APPLICATION

Apply BROTONN (MgO) to promote the recovery of crops weakened by frost, water stress and phytosanitary treatments, as well as also to correct the magnesium deficiency in the plant.

### APPLICATION

BROT NN FER can be applied by foliar, hydroponic or fertigation spraying or in nutritive solutions to provide the plant with a increase in iron and amino acids favoring the recovery of crops weakened by frost, water stress and phytosanitary treatments. It also facilitates protein synthesis at critical times.

## BROT NN BORO 5%



### FEATURES

BROT NN BORO 5% is an optimal product to stimulate development, flowering and fruit set as well as to prevent and correct boron deficiencies. The amino acids favor and facilitate the assimilation of boron. BROTONN BORO 5% favors the recovery of crops weakened by frost, water stress and phytosanitary treatments. Facilitates the synthesis of proteins at critical moments, as well as meristematic activity, pollination and fruit set, consistency of the fabrics, etc.

BROT NN BORO 5% contains in its formulation amino acids and organic acids that complex and mobilize the boron to plant organs

### GUARANTEED ANALYSIS

(% M/M)

|                            |        |
|----------------------------|--------|
| Total Amino Acids          | 15,00% |
| Free Amino Acids           | 6,00%  |
| Nitrogen (N) Total         | 3,50%  |
| Organic Nitrogen (N)       | 3,30%  |
| Ammoniacal Nitrogen (N)    | 0,20%  |
| Organic Carbon ©           | 1,00%  |
| Boron (B) soluble in water | 5,00%  |

### APPLICATION

Apply BROTONN BORO 5% to promote the recovery of crops weakened by frost, water stress and phytosanitary treatments, as well as also to correct the Boron deficiency in the plant.

## BROT NN FER



### FEATURES

The iron it contains is of rapid assimilation, with a part chelated by EDTA and another part by amino acids. Their low molecular weight and totally free amino acids make BROTONN FER an ideal product for your hydroponic application. These amino acids also give it a biostimulant character.

L-Amino Acids have been obtained by enzymatic hydrolysis of fast-absorbing plant extracts

### GUARANTEED ANALYSIS

(% M/M)

|                            |        |
|----------------------------|--------|
| Total Amino Acids          | 15,00% |
| Free Amino Acids           | 6,00%  |
| Nitrogen (N) Total         | 2,20%  |
| Organic Nitrogen (N)       | 2,00%  |
| Ammoniacal Nitrogen (N)    | 0,20%  |
| Organic Carbon ©           | 6,50%  |
| Iron (Fe) soluble in water | 7,00%  |

## BROT BIOCOMPLEX (N)



### FEATURES

BROT BIOCOMPLEX (N) is a product based on free amino acids that have a stimulating effect on the plant in active growth phase and in periods of flowering and fruit set in all types of crops and corrects deficiency microelement sciences.

The product is assimilated quickly and directly in the plant, especially by foliar and root routes, facilitating protein synthesis allowing energy savings for the plant, with vigorous vegetative activity for increased fruit yield. It is ideal for hydroponics and nutritive solutions. The presence of Free amino acids allow plants to shorten the normal cycle of protein synthesis and make it independent of

environmental factors, which is an advantage when these are unfavorable.

Due to its composition, it is recommended in crops of integrated and / or organic production, being also a Biodegradable, harmless, residue-free product (no security term) and respectful with the environment.



# BIOSTIMULANTS

| GUARANTEED ANALYSIS              | (% M/M) |
|----------------------------------|---------|
| Total Amino Acids                | 15,00%  |
| Free Amino Acids                 | 6,00%   |
| Nitrogen (N) Total               | 4,00%   |
| Ammoniacal Nitrogen (N)          | 0,20%   |
| Organic Nitrogen (N)             | 3,80%   |
| Organic Carbon ©                 | 13,00%  |
| Boron (B) soluble in water       | 1,50%   |
| Magnesium (MgO) soluble in water | 0,80%   |
| Sulfur (S) soluble in water      | 1,50%   |
| Iron (Fe) soluble in water       | 1,00%   |
| Manganese (Mn) soluble in water  | 0,10%   |
| Molybdenum (Mo) soluble in water | 0,00%   |
| Zinc (Zn) soluble in water       | 0,10%   |

## APPLICATION

It is recommended to use the amino acids in BROT BIOCOMPLEX (N) particularly in stressful situations. Free amino acids are also highly efficient in transporting bound microelements through cells to sites of use, helping to overcome barriers chemical and physical properties of the leaf cuticle, cell wall, and lymphatic system.

The combination of microelements and amino acids, especially by foliar and root routes, leads to an increase in the efficacy of the micronutrient treatment and reduces the application dose.

BROT BIOCOMPLEX (N) contains high bioavailability and, therefore, is an indispensable support for basic fertilization in crops with high demand for essential micronutrients. We recommend the application of BROT BIOCOMPLEX (N) to prevent general symptoms of deficiency micronutrient sciences in plant and industrial crops, to promote sprout development, increase leaf greening and fruit coloring

## BROT AA HUERTO



### FEATURES

BROT AA HUERTO is a product based on free amino acids that have a stimulating effect on the plant in active growth phase and in periods of flowering and fruit set in all types of crops and corrects deficiencies of microelements.

The product is assimilated quickly and directly in the plant, especially by foliar and root routes, facilitating protein synthesis, allowing energy savings for the plant, with vigorous vegetative activity for increased fruit yield. It is ideal for hydroponics and nutrient solutions. The presence of Free amino acids allow plants to shorten the normal cycle of protein synthesis and make it independent of environmental factors, which is an advantage when these are unfavorable.

Due to its composition, it is recommended in crops of integrated and / or organic production, being also a Biodegradable, harmless, residue-free product (no security term) and respectful with the environment.

| GUARANTEED ANALYSIS     | (% M/M) |
|-------------------------|---------|
| Total Amino Acids       | 15,00%  |
| Free Amino Acids        | 6,00%   |
| Nitrogen (N) Total      | 2,70%   |
| Ammoniacal Nitrogen (N) | 0,20%   |
| Organic Nitrogen (N)    | 2,50%   |

|                                  |       |
|----------------------------------|-------|
| Organic Carbon ©                 | 8,50% |
| Boron (B) soluble in water       | 0,50% |
| Iron (Fe) soluble in water       | 1,00% |
| Manganese (Mn) soluble in water  | 1,00% |
| Molybdenum (Mo) soluble in water | 0,01% |
| Zinc (Zn) soluble in water       | 1,00% |

## APPLICATION

It is recommended to use the amino acids in BROT AA HUERTO particularly in stressful situations. Free amino acids are also very effective in transporting bound microelements through cells to sites of use, helping to overcome chemical barriers and physics of the leaf cuticle, cell wall, and lymphatic system.

The combination of microelements and amino acids, especially by foliar and root routes, leads to an increase in the efficacy of the micronutrient treatment and reduces the application dose.

BROT AA HUERTO contains high bioavailability and, therefore, is an indispensable support for basic fertilization in crops with high demand for essential micronutrients. We recommend the application of BROT AA HUERTO to prevent general symptoms of deficiencies of micronutrients in plant and industrial crops, to promote sprout development, increase leaf greening and fruit coloring.

## BROT NN FRUIT



### FEATURES

BROT NN FRUIT is a product based on free amino acids that have a stimulating effect on the plant in phase of active growth and in the periods of flowering and fruit set in all types of crops and corrects deficiencies of microelements.

The product is assimilated quickly and directly in the plant, especially by foliar and root routes, facilitating protein synthesis, allowing energy savings for the plant, with vigorous vegetative activity for increased fruit yield. It is ideal for hydroponics and nutrient solutions. The presence of Free amino acids allow plants to shorten the normal cycle of protein synthesis and make it independent of environmental factors, which is an advantage when these are unfavorable.

Due to its composition, it is recommended in crops of integrated and / or organic production, being also a biodegradable, harmless, residue-free product (no security term) and respectful with the environment.

| GUARANTEED ANALYSIS              | (% M/M) |
|----------------------------------|---------|
| Total Amino Acids                | 15,00%  |
| Free Amino Acids                 | 6,00%   |
| Nitrogen (N) Total               | 3,50%   |
| Ammoniacal Nitrogen (N)          | 0,20%   |
| Organic Nitrogen (N)             | 3,30%   |
| Organic Carbon ©                 | 11,00%  |
| Magnesium (MgO) soluble in water | 2,00%   |
| Sulfur (S) soluble in water      | 2,50%   |
| Manganese (Mn) soluble in water  | 0,50%   |
| Zinc (Zn) soluble in water       | 1,00%   |



# BIOSTIMULANTS

## APPLICATION

It is recommended to use the amino acids in BROT NN FRUIT particularly in stressful situations. Free amino acids are also very effective. caces to transport bound microelements through cells to sites of use, helping to overcome chemical barriers and physics of the leaf cuticle, cell wall, and lymphatic system.

The combination of microelements and amino acids, especially by foliar and root routes, leads to an increase in the efficacy of the micronutrient treatment and reduces the application dose.

BROT NN FRUIT contains high bioavailability and, therefore, is an indispensable support for basic fertilization in crops with high demand for essential micronutrients. We recommend the application of BROT NN FRUIT to prevent general symptoms of deficiencies of micronutrients in plant and industrial crops, to promote sprout development, increase leaf greening and fruit coloring.

## BROT NN (ZN)



### FEATURES

BROT NN (Zn) contains in its formulation amino acids and organic acids that complex and mobilize Zinc towards the organs of the plant. BROT NN (Zn) contains a high concentration of Nitrogen, Phosphorus and Potassium that gives the plant great stability and strength in adverse conditions. BROT NN (Zn) is a product developed for the correction and prevention of zinc (Zn) deficiencies, totally stable and soluble, being easily assimilable by plants

### GUARANTEED ANALYSIS

(% M/V)

|                                              |        |
|----------------------------------------------|--------|
| Total Organic Matter                         | 16,00% |
| Free Amino Acids                             | 10,00% |
| Nitrogen (N) Total                           | 5,00%  |
| Phosphorus pentoxide (P2O5) soluble in water | 6,00%  |
| Potassium oxide (K2O) soluble in water       | 5,00%  |
| Zinc (Zn) soluble in water                   | 3,00%  |

## APPLICATION

Apply BROT NN (Zn) to promote the recovery of crops weakened by frost, water stress and phytosanitary treatments, as well as also to correct the zinc deficiency in the plant.

## BROT NN 2%



### FEATURES

BROT NN (Zn) contiene en su formulación aminoácidos y ácidos orgánicos que acomplejan y movilizan el Zinc hacia los órganos de la planta. BROT NN (Zn) contiene una elevada concentración de Nitrógeno, Fósforo y Potasio que le aporta a la planta gran estabilidad y fortaleza ante condiciones adversas. BROT NN (Zn) es un producto desarrollado para la corrección y prevención de carencias de zinc (Zn), totalmente estable y soluble, siendo fácilmente asimilable por las plantas

## GUARANTEED ANALYSIS

(% M/V)

|                            |        |
|----------------------------|--------|
| Free Amino Acids           | 10,00% |
| Boron (B) soluble in water | 7,50%  |
| Nitrogen (N) Total         | 2,00%  |

## APPLICATION

Apply BROT NN 2% to promote the recovery of crops weakened by frost, water stress and phytosanitary treatments, as well as also to correct the Boron deficiency in the plant.

## BROT DOUBLE VITAL (MZ)



### FEATURES

BROT DOUBLE VITAL (Mz) contains in its formulation amino acids and organic acids that complex and mobilize magnesium and zinc to the organs of the plant. BROT DOUBLE VITAL (Mz) is very useful to overcome states of deficiency and weakness related to the lack of Magnesium (Mn) and Zinc (Zn).

Magnesium is essential for the plant since the Mg atom is part of the chlorophyll molecule. Is also related to the metabolism of phosphorus (P) since it intervenes in its absorption and transport. Its deficiency produces a reduction in photosynthetic activity, and as a consequence a decrease in crop yields.

On the other hand, a deficiency of Zn produces small, pink leaves with often white tips, causes dwarfism or retarded growth and inhibits the growth of branches and the death of young shoots in fruit trees. What's more, causes the leaves to fall off prematurely.

### GUARANTEED ANALYSIS

(% M/M)

|                                  |       |
|----------------------------------|-------|
| Free Amino Acids                 | 8,00% |
| Nitrogen (N) Total               | 3,00% |
| Magnesium (MgO) soluble in water | 5,00% |
| Zinc (Zn) soluble in water       | 5,00% |

## APPLICATION

Apply BROT DOUBLE VITAL (MZ) to promote the recovery of crops weakened by frost, water stress and phytosanitary treatments, as well as to correct the Boron deficiency in the plant.

## BROT NN TRIPLE



### FEATURES

- Organic fortifier and biostimulant for plant nutrition with biologically peptides and amino acids assets
- Most of the amino acids are available in free form. High content of free amino acids guaranteed
- Balanced composition of natural amino acids. Synthetic free amino acids
- Totally soluble in water and easy foliar absorption
- Increases the resistance of plants against stress and helps to overcome in a short time the arrest of vegetative growth due to stress factors.



# BIOSTIMULANTS

BROT NN TRIPLE is a pure organic compound resulting from the hydrolysis of natural proteins of vegetable origin. BROT NN TRIPLE is enriched with Boron, Manganese and Zinc and is suitable for stimulation and reduction from plant stress. Free amino acids absorbed by leaves and plant tissues increase quickly the vegetative activity of the plant, resistance to stress and the quality of agricultural production. The application of exogenous amino acids contained in BROT NN TRIPLE is very useful in adverse environmental conditions (transplant, cold, salinity, drought and hail) and helps the plant to save energy used in another way for the synthesis and translocation of endogenous amino acids.

The free amino acids in BROT NN TRIPLE are able to rapidly bind and transport micronutrients to through the plant cells to the site of use, overcoming the chemical and physical barriers of the leaf cuticle, the cell wall and the lymphatic system. The result is greater efficacy of micronutrient treatments and a lower application rate of fertilizers containing microelements. The higher the content of free amino acids in the compound, the greater the efficacy of the micronutrient treatment. The product is soluble in water for easy foliar and root absorption and is free of any chemical constituents that could be harmful to soil and crops.

| GUARANTEED ANALYSIS             | (% M/M) |
|---------------------------------|---------|
| Total Amino Acids               | 50,00%  |
| Free Amino Acids                | 20,00%  |
| Nitrogen (N) Total              | 8,00%   |
| Ammoniacal Nitrogen (N)         | 0,50%   |
| Organic Nitrogen (N)            | 7,50%   |
| Organic Carbon ©                | 25,00%  |
| Boron (B) soluble in water      | 3,00%   |
| Manganese (Mn) soluble in water | 8,00%   |
| Zinc (Zn) soluble in water      | 8,00%   |

## APPLICATION

The application of BROT NN TRIPLE is carried out at the most critical moments of plant development: post-transplant, growth, pre-flowering, fruit setting and development of the fruit. As well as in adverse conditions of the crops: cold or heat strokes, water or saline stress, attacks of pests or diseases, nutritional deficiencies etc, resulting essential in plant recovery. Increases stimulation and reduction of plant stress, as well as to correct Boron, Manganese and Zinc deficiencies.

## BROT NN ACID



### FEATURES

- Organic fortifier and biostimulant for plant nutrition with biologically active peptides and amino acids
  - Most amino acids are available in free form. High content of free amino acids guaranteed
  - Balanced composition of natural amino acids. Synthetic free amino acids
  - Totally soluble in water and easy foliar absorption
  - Increases the resistance of plants to stress and helps to overcome growth arrest in a short time vegetative due to stress factors
- BROT NN ACID is a pure organic compound resulting from the hydrolysis of natural proteins of plant origin.

BROT NN ACID is enriched with Iron, Magnesium, Manganese and Zinc and is suitable for stimulation and stress reduction of plants. Free amino acids absorbed by leaves and plant tissues increase quickly the vegetative activity of the plant, resistance to stress and the quality of agricultural production. The application of exogenous amino acids contained in BROT NN ACID is very useful in adverse environmental conditions (transplant, cold, salinity, drought and hail) and helps the plant to save energy used otherwise for synthesis and translocation of endogenous amino acids.

The free amino acids in BROT NN ACID are able to rapidly bind and transport micronutrients to through the plant cells to the site of use, overcoming the chemical and physical barriers of the leaf cuticle, the cell wall and lymphatic system. The result is greater efficacy of micronutrient treatments and a lower application dose of fertilizers containing microelements. The higher the content of free amino acids in the compound, the greater the efficacy of the micronutrient treatment. The product is solvable in water for easy foliar, soil absorption and is free of any chemical constituents that could be harmful to soil and crops

| GUARANTEED ANALYSIS              | (% M/M) |
|----------------------------------|---------|
| Total Amino Acids                | 50,00%  |
| Free Amino Acids                 | 20,00%  |
| Nitrogen (N) Total               | 8,00%   |
| Ammoniacal Nitrogen (N)          | 0,50%   |
| Organic Nitrogen (N)             | 7,50%   |
| Organic Carbon ©                 | 25,00%  |
| Iron (Fe) soluble in water       | 5,00%   |
| Magnesium (MgO) soluble in water | 2,00%   |
| Sulfur (S) soluble in water      | 8,00%   |
| Manganese (Mn) soluble in water  | 5,00%   |
| Zinc (Zn) soluble in water       | 5,00%   |

## APPLICATION

The application of BROT NN ACID is carried out at the most critical moments of plant development: post-transplant, growth, pre-ration, fruit set and development. As well as in adverse crop conditions: cold or heat, water or saline stress, pest attacks or diseases, nutritional deficiencies etc, resulting essential in plant recovery. Increase

## ANGEL AA PACK 6%



### FEATURES

ANGEL AA PACK 6% combines boron, calcium, copper and zinc. ANGEL AA PACK 6%, is a new foliar fertilizer formulated with amino acids to maintain the four chemically incompatible nutrients in a concentrated product.

It is a unique fertilizer because it presents all four elements together in a highly concentrated formula. Calcium, promotes the formation and early growth of the roots, promotes the integrity of the walls cells, participates in the balance of the elements potassium and magnesium, and improves the general vigor of plants and stiffness of the stems.

Boron is essential for the germination of pollen grains and the growth of the pollen tube and greatly influences the transport of sugars, which become polysaccharides such as cellulose and starch. Furthermore, the defi Boron science increases the drop of developing flower buds, fruits and seeds.



# BIOSTIMULANTS

Copper acts as a catalyst for numerous enzymatic reactions, is part of the oxidases of ascorbic acid, phenol and cytochrome as well as the electron transporter system of photosynthesis. It favors the utilization of nitrogen, protein synthesis and acts as a chlorophyll stabilizer. Copper deficiency manifests itself with necrosis on the leaves. As a consequence, the quality of the fruits and abnormal development and coloration can be seen in the affected plants.

Zinc is an enzyme activator that catalyzes more than 300 reactions in metabolic processes (respiration, synthesis chlorophyll, controls the stability of membranes and proteins) and is also closely involved in the nitrogen metabolism. In zinc-deficient plants, the level of protein synthesis decreases drastically.

| GUARANTEED ANALYSIS                            | (% M/M) |
|------------------------------------------------|---------|
| Free Amino Acids                               | 6,00%   |
| Boron (B) in mineral form and soluble in water | 6,00%   |
| Calcium (CaO) soluble in water                 | 6,00%   |
| Copper (Cu) soluble in water                   | 6,00%   |
| Zinc (Zn) soluble in water                     | 6,00%   |

## APPLICATION

ANGEL AA PACK 6% is recommended as a corrector for boron, calcium, copper and zinc deficiencies. Free amino acids are also very effective. caces to transport bound microelements through cells to sites of use, helping to overcome chemical barriers and physics of the leaf cuticle, cell wall, and lymphatic system.

## BROT AA TRIPLE/ANGEL PACK



### FEATURES

BROT AA TRIPLE / ANGEL PACK combines calcium, boron and zinc. BROT AA TRIPLE / ANGEL PACK, is a new fertilizer foliar formulated with amino acids to maintain the three chemically incompatible nutrients in one product concentrated. It is a unique fertilizer because it presents all three elements together in a highly concentrated formula.

Calcium, promotes the formation and early growth of the roots, promotes the integrity of the walls cells, participates in the balance of the elements potassium and magnesium, and improves the general vigor of plants and stiffness of the stems.

Boron is essential for the germination of pollen grains and the growth of the pollen tube and greatly influences the transport of sugars, which are converted into polysaccharides such as cellulose and starch. In addition, the defi - Boron science increases the drop of developing flower buds, fruits and seeds.

Zinc is an enzyme activator that catalyzes more than 300 reactions in metabolic processes (respiration, synthesis chlorophyll, controls the stability of membranes and proteins) and is also closely involved in the nitrogen metabolism. In zinc-deficient plants, the level of protein synthesis drops dramatically.

BROT AA TRIPLE / ANGEL PACK, is widely recommended for soybean and sunflower crops. Your application is recommended by foliar and terrestrial route.

### ADVANTAGE

- It is essential for the fertility of the seed
- Increases the fertility of pollen
- Acts in protein synthesis
- Helps in filling and weighing the grains
- Participates in the metabolism and transport of sugars

| GUARANTEED ANALYSIS            | (% M/M) |
|--------------------------------|---------|
| Free Amino Acids               | 8,00%   |
| Boron (B) soluble in water     | 8,00%   |
| Calcium (CaO) soluble in water | 8,00%   |
| Zinc (Zn) soluble in water     | 8,00%   |

## APPLICATION

BROT AA TRIPLE / ANGEL PACK is recommended as a Boron, Calcium and Zinc deficiency corrector. Free amino acids are also very effective. caces to transport bound microelements through cells to sites of use, helping to overcome chemical barriers and physics of the leaf cuticle, cell wall, and lymphatic system.

## BROT BIOCOMPLEX (N)



### FEATURES

- Organic fortifier and biostimulant for plant nutrition with biologically peptides and amino acids assets
- Most of the amino acids are available in free form. High content of free amino acids guaranteed
- Balanced composition of natural amino acids. Synthetic free amino acids
- Totally soluble in water and easy foliar absorption
- Increases the resistance of plants against stress and helps to overcome in a short time the arrest of vegetative growth due to stress factors

BROT NN POWDER (PK) 12% is a pure organic compound resulting from the hydrolysis of natural proteins from vegetable origin.

BROT NN POWDER (PK) 12% contains a high concentration of Nitrogen, Phosphorus and Potassium in its formulation and is suitable for stimulation and stress reduction of plants. Free amino acids absorbed by leaves and plant tissues rapidly increase plant vegetative activity, resistance to stress and the quality of agricultural production. The application of exogenous amino acids contained in BROT NN POWDER (PK) 12% is very useful in adverse environmental conditions (transplant, cold, salinity, drought and hail) and helps the plant save energy otherwise used for endogenous amino acid synthesis and translocation.

The free amino acids of BROT NN POWDER (PK) 12% are able to bind and transport micronutrients rapidly through plant cells to the site of use, overcoming chemical and physical barriers of the leaf cuticle, cell wall, and lymphatic system. The result is greater efficacy of treatments with micronutrients and a lower application rate of fertilizers containing microelements. The higher the content of free amino acids in the compound, the greater the efficacy of the micronutrient treatment. The product is soluble in water for easy foliar and root absorption and is free of any chemical component which could be harmful to the soil and crops.

| GUARANTEED ANALYSIS                          | (% M/M) |
|----------------------------------------------|---------|
| Free Amino Acids                             | 50,00%  |
| Nitrogen (N) Total                           | 17,00%  |
| Ammoniacal Nitrogen (N)                      | 9,80%   |
| Organic Nitrogen (N)                         | 7,70%   |
| Phosphorus pentoxide (P2O5) soluble in water | 12,00%  |
| Óxido de Potasio (K2O) soluble en agua       | 12,00%  |



## APPLICATION

The application of BROT NN POWDER (PK) 12% is realized at the most critical moments of the desolation of the plants: post-transplant, cremation-to, prefl oración, cuajado y desarrollo del fruto. As well as in conditional conditions of cultivation: frost or calorie bottles, hydric or saline esters, plague or disease, nutritional deficiencies, etc., resulting in impressive vegetative recovery. Aumenta la estimulación and the reduction of plant stress

## FOSF ABSOLUT 24%



### FEATURES

FOSF ABSOLUT 24% is a bio-stimulant designed to favor the release of fruit from the stalk as soon as graduation, guaranteeing the profitability of the hair and having a high quality in the final product. Cada FOSF ABSOLUT molecule 24% has a specific function in the metabolism of the fruit: Amino acids, Po-tasio, Phosphorus, boron, trace elements, carbohydrates:

- Potassium is impressive in the fruit-picking phase:

- 1) Catalysis of the synthesis of the main azacars of the fruits
- 2) Permit the mobilization of these azure fruits from the leaves until the fruits

- Phosphorus is responsive to energy transfer. When removing the fruit, the plant has one level of energy requirements available; the phosphorus present in FOSF ABSOLUT 24% is proportional this energy.

- The amino acid composition of FOSF ABSOLUT 24% is studied before estimating the process of crushing and decomposing the fruit, from different metabolic pathways.

- The pipe is absolutely flawless in FOSF ABSOLUT 24% for the division and creation of the cells, and by all for the desarrollo of the fruit.

- The trace elements Zn, Cu and Mn are concentrated in an equilibrium that favors the synthesis of pigments and due to the color of the fruit.

Además FOSF ABSOLUT 24% includes a special container of carbohydrates specially indicated for estimating the desarrollo of the fruit and protector of the adversities. All of these carbohydrates are molecular weight, assimilation per part of the plant, it tends to be as radial as .ptima.

### GUARANTEED ANALYSIS

(% M/M)

|                                              |        |
|----------------------------------------------|--------|
| Free Amino Acids                             | 9,00%  |
| Nitrogen (N) Total                           | 2,00%  |
| Organic Nitrogen (N)                         | 2,00%  |
| Phosphorus pentoxide (P2O5) soluble in water | 24,00% |
| Potassium oxide (K2O) soluble in water       | 31,00% |
| Boron (B) soluble in water                   | 0,70%  |
| Copper (Cu) soluble in water                 | 0,07%  |
| Manganese (Mn) soluble in water              | 0,09%  |
| Zinc (Zn) soluble in water                   | 0,09%  |

## APPLICATION

FOSF ABSOLUT 24% is used for moments of greater fruit development from fattening to ripening.

## NUTRY PLUS NZ 10%



### FEATURES

NUTRY PLUS NZ 10% is a balanced blend of free L-amino acids with Boron (B), Manganese (Mn) and Zinc (Zn) to the prevention and correction of essential mineral deficiencies and the improvement of crops. Especially recommended for limestone soils. NUTRY PLUS NZ 10% provides high nutritional support to soils poor in organic matter. Amino acids present in this product improve crops and increase the availability of microelements.

### GUARANTEED ANALYSIS

(% M/M)

|                                 |        |
|---------------------------------|--------|
| Free Amino Acids                | 5,00%  |
| Nitrogen (N) Total              | 10,80% |
| Ammoniacal Nitrogen (N)         | 7,80%  |
| Organic Nitrogen (N)            | 1,00%  |
| Nitrogen (N) Ureic              | 2,00%  |
| Boron (B) soluble in water      | 2,50%  |
| Manganese (Mn) soluble in water | 1,00%  |
| Zinc (Zn) soluble in water      | 10,00% |

## NUTRIENTE AA 50%



### FEATURES

- Organic fortifier and biostimulant for plant nutrition with biologically peptides and amino acids assets
- Most of the amino acids are available in free form. High content of free amino acids guaranteed
- Balanced composition of natural amino acids. Synthetic free amino acids
- Increases the resistance of plants to stress and helps to overcome in a short time the arrest of vegetative growth due to stress factors

NUTRIENTE AA 50% is a product based on free amino acids that have a stimulating effect on the plant in active growth phase and in periods of flowering and fruit set in all types of crops and corrects defi - microelement sciences. It has a high solubility and is presented as a soluble powder.

The product is assimilated quickly and directly in the plant, especially by foliar and root routes, facilitating protein synthesis, allowing energy savings for the plant, with vigorous vegetative activity

increased fruit yield. It is ideal for hydroponic cultivation and nutrient solutions.

Due to its composition, it is recommended in crops of integrated and / or organic production, being also a Biodegradable, harmless, residue-free product (no security term) and respectful with the environment.



| GUARANTEED ANALYSIS                          | (% M/M) |
|----------------------------------------------|---------|
| Free Amino Acids                             | 20,00%  |
| Nitrogen (N) Total                           | 8,00%   |
| Ammoniacal Nitrogen (N)                      | 0,50%   |
| Organic Nitrogen (N)                         | 7,50%   |
| Phosphorus pentoxide (P2O5) soluble in water | 4,40%   |
| Potassium oxide (K2O) soluble in water       | 5,50%   |
| Organic Carbon (C)                           | 25,00%  |
| Magnesium (MgO) soluble in water             | 2,00%   |
| Sulfur (S) soluble in water                  | 8,00%   |
| Iron (Fe) soluble in water                   | 4,00%   |
| Manganese (Mn) soluble in water              | 4,00%   |
| Zinc (Zn) soluble in water                   | 4,00%   |

## APPLICATION

NUTRIENTE AA 50% is applied at the most critical moments of plant development: post-transplant, growth, pre-fl prayer, fruit set and development of the fruit. As well as in adverse crop conditions: hot or cold shocks, water or saline stress, attacks of pests or diseases, nutritional deficiencies, etc., being essential in plant recovery. Increases stimulation and reduction of plant stress.

## NUTRIENTE AA N11%



### FEATURES

- NUTRIENT AA N11% for a natural nutrition, of vegetable origin and balanced with organic Nitrogen (N), Phosphorus (P) and Potassium (K).
- 50% guaranteed free amino acids, synthetic free amino acids.
- Increases the resistance of plants to stress, increases the sugar content and improves the quality of the fruit.
- Low chloride content.
- Certified to 889/2008 / EC

NUTRIENT AA N11% is a compound rich in Nitrogen, Phosphorus, Potassium and organic molecules produced by hydrolysis of natural proteins. Free amino acid molecules are able to quickly penetrate through of the leaf cuticle and roots transporting potassium within plant tissues. The unique formula with amino acids help prevent potassium deficiency, simultaneously stimulating the plant's metabolism. The amino acids and potassium absorbed by the leaves and plant tissues are ready to be used for the production of proteins, sugars and enzymes that increase vegetative activity, the resistance of plants to stress and quality of agricultural production.

| GUARANTEED ANALYSIS                          | (% M/M) |
|----------------------------------------------|---------|
| Free Amino Acids                             | 50,00%  |
| Nitrogen (N) Total                           | 11,00%  |
| Organic Nitrogen (N)                         | 11,00%  |
| Phosphorus pentoxide (P2O5) soluble in water | 12,00%  |
| Potassium oxide (K2O) soluble in water       | 12,00%  |

## APPLICATION

The regular use of NUTRIENT AA N11% is recommended during specific phenological stages such as flowering, fruit and fruit maturation. fruit. The foliar application of exogenous amino acids is also very useful in adverse environmental conditions and helps the plant to save the energy that is otherwise used for the synthesis and translocation of endogenous amino acids.

## BIO POWER NA 9%



### FEATURES

- BIO PWER NA 9% for a natural nutrition, of vegetable origin and balanced with organic Nitrogen (N) and Potassium (K)
- 15% guaranteed free amino acids, synthetic free amino acids.
- Increases the resistance of plants to stress, increases the sugar content and improves the quality of the fruit.
- Low chloride content.
- Certified to 889/2008 / EC

BIO PWER NA 9% is a compound rich in Nitrogen, Potassium and organic molecules produced by hydrolysis of natural proteins. Free amino acid molecules are able to rapidly penetrate through the leaf cuticle and roots, transporting potassium within plant tissues. The unique formula with amino acids helps prevent potassium deficiency, simultaneously stimulating plant metabolism. Amino acids and potassium absorbed by leaves and plant tissues are ready to be used for production of proteins, sugars and enzymes that increase vegetative activity, plant resistance to stress and quality of agricultural production.

| GUARANTEED ANALYSIS                    | (% M/M) |
|----------------------------------------|---------|
| Total Amino Acids                      | 65,00%  |
| Free Amino Acids                       | 15,00%  |
| Nitrogen (N) Total                     | 9,50%   |
| Ammoniacal Nitrogen (N)                | 0,50%   |
| Organic Nitrogen (N)                   | 9,00%   |
| Potassium oxide (K2O) soluble in water | 16,00%  |

## APPLICATION

The regular use of BIO PWER NA 9% is recommended during specific phenological stages such as flowering, fruit and ripening of the fruit. The foliar application of exogenous amino acids is also very useful in adverse environmental conditions and helps the plant to save the energy that is otherwise used for the synthesis and translocation of endogenous amino acids.

## BROT-NN-PROTEIN



### FEATURES

- It improves soil structure
- Increases the water retention capacity
- Makes soils more spongy by improving their aeration
- Allows the formation of the clay-humic complex, increasing the ion retention power and the ability to cation exchange
- Strengthens the fixation of potassium, avoiding its loss through leaching, especially in sandy soils
- Fixes the microelements allowing them to be more assimilated by the plants
- Promotes the development and activity of the microbial flora
- Stimulates the rooting and development of plants
- Improves root respiration

BROT-NN-PROTEIN has a plant growth promoting effect and favors seed germination. Also stimulates the absorption of minerals by the root.



| GUARANTEED ANALYSIS                                 | (% M/V) |
|-----------------------------------------------------|---------|
| Total Organic Matter                                | 45,00%  |
| Free amino acids                                    | 6,00%   |
| Nitrogen (N) Total                                  | 5,00%   |
| Ammoniacal Nitrogen (N)                             | 3,00%   |
| Organic Nitrogen (N)                                | 2,00%   |
| Potassium oxide (K <sub>2</sub> O) soluble in water | 3,10%   |

## APPLICATION

The use of the product is possible at any time of the year. The amino acids in BROT-NN-PROTEIN are rapidly assimilated by the root and by the leaf for the production of proteins, enzymes, endogenous, plant growth regulators and sugars. Apply BROT-NN-PROTEIN regularly during the period of greatest metabolic effort (transplantation, vegetative growth, flowering, maturation and maturation) to obtain uniform vegetative growth and improve the quantity and quality of your agricultural production.

## AGUA MARINA 50%



### FEATURES

AGUA MARINA 50% is a soluble extract of dried *Ascophyllum Nodosum* so it contains all the typical components of the aforementioned algae extracts: alginic acid, amino acids, auxins, cytokinins, mannitol, microelements, vitamins and other components of the cellular protoplasm of the algae. Its application improves the fundamental physiological processes of plants: The photosynthetic activity, fruit set or root development, helps the plant in overcoming stress situations and favors the development of soil microbial life. It is used in crops and plantations of grass, citrus, strawberries, fruit trees, horticulturals such as ornamental olive trees, vine vine, banana trees, meadow, vine, etc ...

### BENEFITS

- Stimulates the physiological processes of the plant.
- Promotes root development
- Improves flowering / fruit setting processes.
- Improves photosynthetic activity.
- Increases the accumulation of reserves in the plant.
- Helps the plant to overcome stress processes.
- Promotes the development of soil microbial life

| GUARANTEED ANALYSIS                                                    | (% M/M)     |
|------------------------------------------------------------------------|-------------|
| Ascophyllum Nodosum seaweed extract                                    | 0,00%       |
| Nitrogen (N) Total                                                     | 0,50%       |
| Phosphorus pentoxide (P <sub>2</sub> O <sub>5</sub> ) soluble in water | 3,00%       |
| Potassium oxide (K <sub>2</sub> O) soluble in water                    | 18,00%      |
| Alginic Acid                                                           | 8,00-15,00% |
| Organic material                                                       | 50,00%      |

## APPLICATION

The contribution of AGUA MARINA 50% is recommended both in extensive and intensive crops and particularly: citrus, crops, horticultural and strawberry, fruit trees and table grapes, vineyards and olive trees, banana trees, ornamentals, lawns and meadows.

It is a concentrate of *Ascophyllum nodosum* that improves fundamental physiological processes in crops, such as photosynthetic activity, fruit setting or root development. For its elaboration processes are used that keep all the components of the algae active and totally soluble. So the crops can take advantage of them immediately.

## ALGIMAR DUPLEX



### FEATURES

ALGIMAR DUPLEX is a product that combines in a balanced way the action of the amino acids L-a of origin plant and the extract of marine algae of *Ascophyllum Nodosum*, obtaining a complete biostimulant. Because the synergy between amino acids of plant origin (derived from enzymatic hydrolysis, a process that does not alter their structure and functionality) and seaweed (rich in natural growth promoters), ALGIMAR DUPLEX offers a number of benefits:

- Promotes energy savings in the plant and metabolic activity
- Promotes the synthesis of proteins and natural substances.
- Stimulates the development of roots, germination and flowering of the plant.
- Improves the characteristics of the fruit, ripening and color, thus increasing quality and quantity.
- Helps plants to overcome situations suffered by stress and the most critical moments of plant growth plant.

| GUARANTEED ANALYSIS               | (% M/M) |
|-----------------------------------|---------|
| Ascophyllum Nodosum Algae Extract | 50,00%  |
| Free Amino Acids                  | 50,00%  |

## APPLICATION

The contribution of ALGIMAR DUPLEX is recommended both in extensive and intensive crops and particularly: citrus, crops, horticultural and strawberry, fruit trees and table grapes, vineyards and olive trees, banana trees, ornamentals, lawns and meadows.

Biostimulant based on *Ascophyllum nodosum* algae extract and Amino acids that improves fundamental physiological processes in crops, such as photosynthetic activity, fruit set or root development.

For its elaboration processes are used that keep all the components of the algae active and totally soluble. So the crops they can take advantage of them immediately.

## ALGIMAR OLIVA



### FEATURES

ALGIMAR OLIVA is a product based on algae extract of the *Ascophyllum nodosum* species obtained through an exclusive fresh preparation process which includes: manual harvesting, cleaning and a new cold extraction system followed by a low temperature concentration process, giving as The result is a liquid, completely soluble extract.

The gentle treatment applied to fresh algae can release and retain all the bioactive nutrients in the algae. macroalgae, guarantee its bioavailability and maintain the activity of its molecules. ALGIMAR OLIVA is a 13% concentrated solution of natural seaweed extract (*Ascophyllum nodosum*) enriched with Boron and Magnesium.

*Ascophyllum nodosum* extracts are rich in cytokinins, auxins, gibberalines, betaines, mannitol, organic acids, polysaccharides and amino acids. These phyto-regulatory molecules are involved in the growth and mobilization of nutrients to the vegetative organs. They also contain both macronutrients (N, P, K) and micronutrients (Mn, Cu, B, Zn).



# BIOSTIMULANTS

| GUARANTEED ANALYSIS                            | (% M/M) |
|------------------------------------------------|---------|
| Ascophyllum Nodosum seaweed extract            | 13,00%  |
| Total Nitrogen (N)                             | 3,50%   |
| Organic nitrogen (N)                           | 3,50%   |
| Boron (B) in mineral form and soluble in water | 0,90%   |
| Magnesium (MgO) soluble in water               | 5,00%   |
| Molybdenum (Mo) soluble in water               | 0,02%   |
| Mono-Di-Tri-polysaccharides                    | 20,00%  |

## APPLICATION

Its use is recommended to stimulate the general metabolism of the plant. The application of ALGIMAR OLIVA to crops favors the germination of seeds, improves root growth, increases the degree of ripeness of the fruits, delays their senescence and increases their resistance to fungal and bacterial diseases. Vegetable eco-activator based on algae extracts, enriched with Boron and Magnesium whose nutrient and hormone content provides excellent results, both in foliar application and in the soil.

Its balanced content of natural cytokinins stimulates the processes of flowering, fruit set and ripening.

## AGUA MARINA FRUTEX



### FEATURES

AGUA MARINA FRUTEX is a product based on algae extract of the Ascophyllum nodosum species obtained through an exclusive fresh preparation process that includes: manual harvesting, cleaning and a new cold extraction system followed by a low temperature concentration process, resulting in a liquid extract, completely soluble.

The gentle treatment applied to fresh algae can release and retain all the bioactive nutrients of the macroalgae, ensure its bioavailability and maintain the activity of its molecules. AGUA MARINA FRUTEX is a 33% concentrated solution of natural seaweed extract (Ascophyllum nodosum). Ascophyllum nodosum extracts are rich in cytokinins, auxins, gibberellins, betaines, mannitol, organic acids, polysaccharides and amino acids. These phyto-regulatory molecules are involved in the growth and mobilization of nutrients towards the vegetative organs. They also contain both macronutrients (N, P, K) and micronutrients (Mn, Cu, B, Zn).

| GUARANTEED ANALYSIS                            | (% M/V) |
|------------------------------------------------|---------|
| Ascophyllum Nodosum seaweed extract            | 33,00%  |
| Total Nitrogen (N)                             | 4,50%   |
| Organic nitrogen (N)                           | 4,50%   |
| Alginic acid                                   | 1,00%   |
| Mannitol                                       | 0,20%   |
| Iron (Fe) -EDTA                                | 0,50%   |
| Boron (B) in mineral form and soluble in water | 0,04%   |
| Copper (Cu) chelated with EDTA                 | 0,02%   |
| Manganese (Mn) chelated with EDTA              | 0,23%   |
| Molybdenum (Mo) soluble in water               | 0,02%   |
| Zinc (Zn) chelated with EDTA                   | 0,05%   |
| Mono-Di-Tri polysaccharides                    | 34,00%  |

## APPLICATION

Its use is recommended to stimulate the general metabolism of the plant. The application of AGUA MARINA FRUTEX to crops promotes the germination of seeds improves root growth, increases fruit ripening, delays senescence and increases resistance to fungal and bacterial diseases. Vegetable eco-activator based on algae extracts, enriched with Boron, Copper, Iron, Manganese and Zinc whose nutrient and hormone content provides excellent results, both in foliar application and on the ground. Its balanced content of natural cytokinins stimulates the flowering, fruit set and ripening processes.

## AGUA MARINA DUO



### FEATURES

AGUA MARINA DUO is a product based on algae extract of the Ascophyllum nodosum species obtained through an exclusive fresh preparation process that includes: manual harvesting, cleaning and a new cold extraction system followed by a low temperature concentration process, resulting in a liquid extract, completely soluble.

The delicate treatment applied to fresh algae can release and retain all the bioactive nutrients of the macroalgae, ensure its bioavailability and maintain the activity of its molecules.

AGUA MARINA DUO is a 40% concentrated solution of natural seaweed extract (Ascophyllum nodosum) enriched with 10% amino acids. Ascophyllum nodosum extracts are rich in cytokinins, auxins, gibberellins, betaines, mannitol, organic acids, polysaccharides and amino acids. These phyto-regulatory molecules are involved in the growth and mobilization of nutrients towards the vegetative organs. They also both contain macronutrients (N, P, K) as well as micronutrients (Mn, Cu, B, Zn).

### BENEFITS:

- Suitable for application in moments of maximum vegetative activity (from budding to fruiting) and in critical moments for plants (frost, transplants, pruning, hail, phytotoxicity, etc.).
- Organic nitrogen is rapidly absorbed by the roots and from the leaves of plants. It allows the process of the transformation of nitric and / or ammoniacal nitrogen in the soil into amino acids and proteins is more efficient.
- This saves energy for the plant and ensures efficient plant growth in times of fatigue.
- Rooting, fruit set and fattening of crops, differentiation of buds, etc. are favored, given their rapid metabolization by the plant.

| GUARANTEED ANALYSIS                 | (% M/V ) |
|-------------------------------------|----------|
| Ascophyllum Nodosum seaweed extract | 40,00%   |
| Total amino acids                   | 14,00%   |
| Free amino acids                    | 10,00%   |
| Total Nitrogen (N)                  | 3,00%    |
| Organic nitrogen (N)                | 3,00%    |
| Alginic acid                        | 1,00%    |
| Mannitol                            | 0,40%    |
| Mono-Di-Tri-polysaccharides         | 20,00%   |

## APPLICATION

Its use is recommended to stimulate the general metabolism of the plant. The application of AGUA MARINA DUO to crops promotes seed germination improves root growth, increases fruit ripening, delays senescence and increases resistance to fungal and bacterial diseases. Vegetable eco-activator based on algae extracts, enriched with amino acids whose nutrient and hormone content provides excellent results, both in foliar application and in the soil. Its balanced content of natural cytokinins stimulates the flowering, fruit set and ripening processes.



## AGUA MARINA ACIDO



### FEATURES

AGUA MARINA ACIDO is a product based on algae extract of the *Ascophyllum nodosum* species obtained through an exclusive fresh preparation process which includes: manual harvesting, cleaning and a new cold extraction system followed by a low temperature concentration process, with resulting in a liquid extract, completely soluble.

The gentle treatment applied to fresh algae can release and retain all the bioactive nutrients in the algae. macroalgae, guarantee its bioavailability and maintain the activity of its molecules. AGUA MARINA ACIDO is a 25% concentrated solution of natural seaweed extract (*Ascophyllum nodosum*) enriched with Manganese, Molybdenum and Zinc.

*Ascophyllum nodosum* extracts are rich in cytokinins, auxins, gibberalines, betaines, mannitol, organic acids, polysaccharides and amino acids. These phyto-regulatory molecules are involved in the growth and mobilization of nutrients to the vegetative organs. They also contain both macronutrients (N, P, K) and micronutrients (Mn, Cu, B, Zn).

| GUARANTEED ANALYSIS                        | (% M/V)   |
|--------------------------------------------|-----------|
| <i>Ascophyllum Nodosum</i> seaweed extract | 25,00%    |
| Manganese (Mn) soluble in water            | 1,00%     |
| Molybdenum (Mo) soluble in water           | 0,30%     |
| Zinc (Zn) soluble in water                 | 1,00%     |
| Alginic acid                               | 2-3,2%    |
| Mannitol                                   | 0,60-1,0% |
| Laminaria                                  | 0,3-0,6%  |
| Feucoidine                                 | 0,4-0,7%  |
| Mono-Di-Tri polisacáridos                  | 40,00%    |

### APPLICATION

Its use is recommended to stimulate the general metabolism of the plant. The application of ACID SEA WATER to crops promotes the germination of seeds improves root growth, increases fruit ripening, delays senescence and increases resistance to fungal and bacterial diseases. Vegetable eco-activator based on algae extracts, enriched with Manganese, Molybdenum and Zinc, whose nutrient and hormone content provides excellent results, both in foliar and foliar application. on the floor. Its balanced content of natural cytokinins stimulates the flowering, fruit set and ripening processes.

## ALGIMAR COMPLEX



### FEATURES

Biofortifi cant based on algae and fulvic acids, with a concentration of 50%. Its formulation is designed to be rapidly absorbed by the plant and incorporated into its metabolism, providing a biostimulating effect on crops.

It has a powerful transporter and chelating effect, which acts in the mobilization, transport and absorption by the plant of other substances that can be added or mixed in its application (foliar fertilizers, phytohormones, fungicides or insecticides).

ALGIMAR COMPLEX supplies plants with algae and fulvic acids that directly intervene in the physiology of stress which allows them to accelerate their recovery in adverse conditions (drought, high temperatures, humidity, cytotoxicity, frost, etc.).

ALGIMAR COMPLEX stimulates germination and flowering. It improves fruit set, anticipates ripening and allows for larger fruits, with better color and a greater concentration of sugars and vitamins.

| GUARANTEED ANALYSIS                        | (% M/M) |
|--------------------------------------------|---------|
| <i>Ascophyllum Nodosum</i> seaweed extract | 50,00%  |
| Fulvic acids                               | 50,00%  |

### APPLICATION

ALGIMAR COMPLEX is intended to be applied by foliar spraying in moments of maximum vegetative activity (germination) and in unfavorable conditions for plants, such as frost, transplanting, pruning, hail, phytotoxicity, etc.

## ALGIMAR BLOND



### FEATURES

ALGIMAR BLOND is a concentrated solution of natural seaweed extract (*Ascophyllum nodosum*). Seaweed extract is rich in plant growth hormones such as cytokinins, gibberellins and auxins and natural organic molecules such as betaines, mannitol, polysaccharides and amino acids. When applied to growing crops at the right time, ALGIMAR BLOND provides a localized increase in hormone levels to stimulate the body's metabolism and nutrient absorption.

The amino acids in ALGIMAR BLOND play an essential role in maintaining the water balance of plants, especially in adverse weather conditions. Proline influences pollen fertility, while others such as methionine, arginine and lysine promote the synthesis of polyamides that regulate basic physiological processes such as germination, floral senescence or fruit ripening.

The application of ALGIMAR BLOND in irrigation systems provides essential metabolites, which are easily absorbed by the root systems and increases soil fertility by stimulating microbial activity. ALGIMAR BLOND can be used as a powerful tool to reactivate plant growth and metabolism altered by adverse physiological events or abiotic stress.

| GUARANTEED ANALYSIS                          | (% M/V) |
|----------------------------------------------|---------|
| <i>Ascophyllum Nodosum</i> seaweed extract   | 20,00%  |
| Free amino acids                             | 8,00%   |
| Total Nitrogen (N)                           | 6,00%   |
| Phosphorus pentoxide (P2O5) soluble in water | 2,50%   |
| Potassium oxide (K2O) soluble in water       | 3,80%   |
| Boron (B) soluble in water                   | 0,14%   |
| Mono - Di - Tri Polysaccharides              | 10,00%  |

### APPLICATION

ALGIMAR BLOND can be used in any phase of vegetative crops, especially after stressful situations such as attacks of drought, frost, parasites and pathogens or herbicidal applications.



## ALGIMAR



### FEATURES

ALGIMAR is a product based on seaweed extract (Ascophyllum Nodosum) enriched with Potassium whose biostimulating power promotes germination, flowering and fruit setting. ALGIMAR, due to its versatile nature, is adapted to the specific needs of each stage of the crop.

| GUARANTEED ANALYSIS                                 | (% M/V) |
|-----------------------------------------------------|---------|
| Ascophyllum Nodosum seaweed extract                 | 20,00%  |
| Potassium oxide (K <sub>2</sub> O) soluble in water | 16,00%  |

### APPLICATION

ALGIMAR can be used in any phase of vegetative crops, especially after stressful situations such as attacks of drought, frost, parasites and pathogens or herbicidal applications.

## ALGIMAR DEVELOPINS



### FEATURES

ALGAMAR DEVELOPINS is a Biostimulant based on natural extracts of Ascophyllum Nodosum alga enriched with Boron. It is a product with a high stimulating power, since thanks to its content of algae extract it provides a high percentage of natural phytohormones (cytokinins, auxins, gibberellins, etc.), amino acids and carbohydrates (alginic acid, mannitol, laminarine, etc.) which once applied penetrate into the cellular tissues influencing the physiological processes of the plant, stimulating its growth and flowering.

ALGAMAR DEVELOPINS is recommended as a stimulant of the plant's metabolic activity since the elements it contains, it favors the process linked to flowering, fruit set and ripening, as well as to overcome adverse situations or stress. It also favors the homogeneity of the fruits and their resistance to transport. ALGAMAR DEVELOPINS is recommended to apply it from budding, in pre-flowering, flowering and in phases of greater development of the crop.

| GUARANTEED ANALYSIS                            | (% M/V) |
|------------------------------------------------|---------|
| Ascophyllum Nodosum seaweed extract            | 20,00%  |
| Organic material                               | 25,00%  |
| Boron (B) in mineral form and soluble in water | 3,00%   |
| Total Nitrogen (N)                             | 4,00%   |

### APPLICATION

ALGIMAR DEVELOPINS is recommended for all types of crops: Fruit trees (seeds and hazelnuts), citrus fruits, vegetables, cereals and ornamental crops.

ALGIMAR DEVELOPINS, thanks to its completely assimilable formula, can be applied by foliar and root using any irrigation system.

## ALGIMAR STIMULATINS



### FEATURES

ALGIMAR STIMULATINS contains extracts of Ascophyllum nodosum algae in the right proportion that accelerates the catalytic effects within the cell, increasing cell permeability and increasing all plant biochemical functions: absorption, assimilation, synthesis and accumulation of reserves. Furthermore, ALGIMAR STIMULATINS is enriched with Zinc, providing crops with high penetration and complete metabolization of this nutrient. Zinc is an essential micronutrient in the activation of enzymes and in the synthesis and storage of plant growth hormones (auxins). Participates in protein synthesis and improves photosynthesis.

The addition of Ascophyllum nodosum seaweed extracts guarantees a total and rapid assimilation of the Product at the leaf level. The nutrients present in the product are vital activators of plant metabolism, intensifying and improving the production and vegetative development.

| GUARANTEED ANALYSIS                            | (% M/V) |
|------------------------------------------------|---------|
| Ascophyllum Nodosum seaweed extract            | 20,00%  |
| Organic material                               | 15,00%  |
| Boron (B) in mineral form and soluble in water | 10,00%  |
| Total Nitrogen (N)                             | 15,00%  |

### APPLICATION

ALGIMAR STIMULATINS is recommended for all types of crops. It is mainly used in foliar applications although it can also be incorporated into irrigation water. It is recommended to start applications between two and three weeks after the transplant and to repeat frequently 15 to 20 days.

## ALGIMAR ORGANIC



### FEATURES

ALGIMAR ORGANIC is designed with a new concept of correction of Zinc and Manganese in active form, composed of algae extract and polysaccharides. The algae extracts provide us with natural phytohormones (cytokinins, auxins and gibberellins) which, combined with reducing polysaccharides, activate the metabolism of the plant, increasing the formation of amino acids and chlorophyll and the assimilation of the microelements contained in it.

| GUARANTEED ANALYSIS                  | (% M/V) |
|--------------------------------------|---------|
| Ascophyllum Nodosum seaweed extract  | 20,00%  |
| Organic material                     | 15,00%  |
| Zinc (Zn-EDTA) soluble in water      | 5,00%   |
| Manganese (Mn-EDTA) soluble in water | 5,00%   |

### APPLICATION

The use of ALGIMAR ORGANIC is recommended in moments of greater vegetative activity.



## ALGIMAR FERRO



### FEATURES

ALGIMAR FERRO is a natural biostimulant formulated starting from plant extracts that provide a high content of natural substances such as phytohormones, cytokinins, auxins, betaines, organic acids, polysaccharides, vitamins, amino acids. It is also enriched with iron to strengthen and promote the growth of the plants. The plant extracts complex the iron molecule, making it assimilable by the plant. It stimulates vegetative development by preventing and quickly correcting iron deficiencies in plants or crops.

It produces an immediate correction of ferric chlorosis in plants, bringing invigorating *Ascophyllum nodosum* algae, with the benefits that these entail. It is a natural activator of plant physiology and of natural defense and regeneration processes. It supposes a supply of vegetable phytohormones, as well as macroelements and micronutrients

### GUARANTEED ANALYSIS

(% M/V)

|                                     |        |
|-------------------------------------|--------|
| Ascophyllum Nodosum seaweed extract | 20,00% |
| Total amino acids                   | 10,00% |
| Iron (Fe-EDTA) chelated with EDTA   | 6,00%  |

### APPLICATION

The application of ALGIMAR FERRO does not produce excessive vigor in plants, it favors internal processes and is therefore suitable for specific moments of stress, as it increases their metabolism. ALGIMAR FERRO stimulates vegetative development while quickly preventing and correcting iron deficiencies in plants or crops.

## ALGIMAR MIX



### FEATURES

ALGIMAR MIX is a product based on seaweed extracts (*Ascophyllum nodosum*) obtained by a gentle extraction method to maintain the activity of its molecules. *Ascophyllum nodosum* extracts are rich in cytokinins, auxins, gibberellins, betaines, mannitol, organic acids, polysaccharides and amino acids. These phyto-regulatory molecules are involved in the growth and mobilization of nutrients towards the vegetative organs. They also contain both macronutrients (N, P, K) and micronutrients (Mn, Cu, Fe, Zn).

Its use is recommended to stimulate the general metabolism of the plant. The application of ALGIMAR MIX to crops favors the germination of seeds, improves root growth, increases the degree of fruit ripeness, delays senescence and increases resistance to fungal and bacterial diseases.

### GUARANTEED ANALYSIS

(% M/V)

|                                                     |        |
|-----------------------------------------------------|--------|
| Ascophyllum Nodosum seaweed extract                 | 10,00% |
| Organic material                                    | 20,00% |
| Potassium oxide (K <sub>2</sub> O) soluble in water | 5,00%  |
| Boron (B) in mineral form and soluble in water      | 0,30%  |
| Copper (Cu-EDTA) chelated with EDTA                 | 1,00%  |

|                                        |       |
|----------------------------------------|-------|
| Iron (Fe-EDTA) chelated with EDTA      | 3,00% |
| Magnesium (MgO) soluble in water       | 1,00% |
| Manganese (Mn-EDTA) chelated with EDTA | 0,70% |
| Zinc (Zn-EDTA) chelated with EDTA      | 1,60% |
| Sulfur (S) soluble in water            | 1,00% |

### APPLICATION

ALGIMAR MIX is recommended for all types of crops. It is mainly used in foliar applications although it can also be incorporated into irrigation water. It is recommended to start applications between two and three weeks after the transplant and repeat with frequencies from 15 to 20 days

## ALGI-SEE NN



### FEATURES

ALGI-SEE NN is a chemical solution of chelated Macro-Micronutrients and Algae, *Ascophyllum nodosum*, particularly indicated in phenological states with high nitrogen consumption.

Phosphorus (P<sub>2</sub>O<sub>5</sub>) present in ALGI-SEE NN, is an essential component of plants, intervening in the processes essential for their optimal development.

ALGI-SEE NN contains in its composition Potassium (K<sub>2</sub>O), an element that intervenes in the regulation of water transport in the plant and improvement of respiratory processes, favors the development of all mechanical tissues supporting and promotes the synthesis of Carbohydrates (Sugars and Oils).

The presence in the ALGI-SEE NN composition of 10% seaweed cream, *Ascophyllum nodosum*, will influence multiple plant metabolism processes, reducing plant stress (nutritional, drought, high temperatures, etc.).

Thanks to the cold extraction process, the Alga, *Ascophyllum nodosum*, present in ALGI-SEE NN will keep all the Active Ingredients of Agronomic Interest.

### GUARANTEED ANALYSIS

(% M/M)

|                                                                        |        |
|------------------------------------------------------------------------|--------|
| Ascophyllum Nodosum seaweed extract                                    | 10,00% |
| Total nitrogen (N)                                                     | 11,40% |
| Ammonia nitrogen (N)                                                   | 1,80%  |
| Nitrogen (N) nitric                                                    | 1,10%  |
| Urea nitrogen (N)                                                      | 8,20%  |
| Phosphorus pentoxide (P <sub>2</sub> O <sub>5</sub> ) soluble in water | 6,60%  |
| Potassium oxide (K <sub>2</sub> O) soluble in water                    | 4,20%  |
| Alginic acid                                                           | 0,30%  |
| Mannitol                                                               | 0,10%  |



# CORRECTOR / SOIL CONDITIONER

The products of the ORANGESAFT family of floor correctors improve the characteristics physicochemical, fertility and nutrient absorption in impoverished soils and favor their recovery and balance to increase crop yield and preserve substrate health in which they grow. They increase the water retention capacity, cation exchange (CEC), and the activity of the microflora, favoring the rooting of new crops. Formulated products especially for soils they allow both the correction of problems that harm the development of crops; such as improving soil quality through better use of the resources of the land itself, as well as those contributions made on it. The application of ORANGESAFT products to the soil allows to maintain this resource over the long term, guaranteeing the sustainability of agricultural activity and avoiding the problem of soil depletion. They allow correcting problems caused by their composition (salinity, pH ...) and avoiding In this way, problems such as clogging of emitters, precipitation of nutritional elements, etc.





## POWER PRON 32



### FEATURES

POWER PRON 32 is a humic acid derived from American leonardite. It comes as a highly concentrated liquid solution based on humic and fulvic acids. POWER PRON 32 increases nitrogen fixation and land use capacity. Its balance between humic and fulvic acids increases the cation exchange capacity (CEC), which favors the release of nutrients. POWER PRON 32 improves the physical-chemical and biological characteristics of the soil. Promote root development therefore allows better use of available resources. It regulates the pH of the soil thus favoring the absorption of nutrients. POWER PRON 32 achieves a high production yield and a quality harvest.

### ANÁLISIS GARANTIZADO

(% M/M)

|                                                     |        |
|-----------------------------------------------------|--------|
| Total humic extract                                 | 32,00% |
| Humic acids                                         | 22,00% |
| Fulvic acids                                        | 10,00% |
| Potassium oxide (K <sub>2</sub> O) soluble in water | 8,00%  |
| Boron (B) soluble in water                          | 0,02%  |
| Copper (Cu) EDTA soluble in water                   | 0,50%  |
| Iron (Fe) EDDHA soluble in water                    | 0,14%  |
| Manganese (Mn) EDTA soluble in water                | 0,05%  |
| Zinc (Zn) EDTA soluble in water                     | 0,05%  |

### APPLICATION

Applications of POWER PRON 32 improve soil structure and stimulate the growth of beneficial edaphic microorganisms, leading to healthier root systems and higher yielding crops. POWER PRON 32 can be used in all types of crops: ornamental, fruit, horticultural and lawns. POWER PRON 32 is applied on the soil diluted in irrigation water or it can be applied at the foliar level by spraying.

## SUPREM #200



### FEATURES

Humic and fulvic acids of the American leonardite.  
Humic and fulvic acids originating from the chemical and biological humification of plants and organic matter.

SUPREM # 200 is a natural and balanced soil conditioner. SUPREM # 200 is obtained by alkaline extraction of American Leonardite (highly oxidized lignite). Organic material comes from geological processes and biological activity.

SUPREM # 200 used alone or mixed with most fertilizers is a permanent humic substance that cannot be easily broken down by soil microorganisms. SUPREM # 200 is suitable for all agricultural and horticultural plants and releases its full and lasting impact especially with sandy and clayey soils.

Regular application of SUPREM # 200 to soils is recommended to improve soil conditioning, soil fertility, stimulate root growth and increase biomass. Use SUPREM # 200 for fertigation and foliar application to promote the absorption of fertilizers and mineral nutrients naturally present in the soil. Humic acids are natural chelates capable of forming chelated complexes and improving the reabsorption of trace metal fertilizers (Mg, Ca, Fe). The formation of complexes (chelates) is an important aspect of the biological role of humic acids in regulating the bioavailability of metal ions.

SUPREM # 200 is free of any chemical components that could be harmful to the soil and crops

### GUARANTEED ANALYSIS

(% M/M)

|                                                     |        |
|-----------------------------------------------------|--------|
| Total humic extract                                 | 20,00% |
| Humic acids                                         | 10,00% |
| Fulvic acids                                        | 10,00% |
| Potassium oxide (K <sub>2</sub> O) soluble in water | 8,00%  |

### APPLICATION

SUPREM # 200 applications improve soil structure and stimulate the growth of beneficial soil microorganisms, donating lead to healthier root systems and higher yielding crops. SUPREM # 200 can be used on all types of crops: ornamental, fruit trees, horticultural and lawns.

SUPREM # 200 is applied to soil diluted in irrigation water or can be applied at the foliar level by spraying.

## SUPREM NN 45-35



### FEATURES

SUPREM 45-35 is an organic vegetable amendment prepared to be applied on all types of soil and which acts to improve the factors that influence their fertility. It is presented as a highly liquid formulation concentrated in fulvic acids, nitrogen, phosphorus and potassium. It is an ecological fertilizer obtained by cooking different types of wood.

SUPREM 45-35 provides the soil with a high amount of organic matter. Improves the contribution of fulvic acids to physical, chemical and biological characteristics of the soil. The chelating action of these favors the availability of micronutrients for plants. Fulvic acids are rapidly assimilated and prevent the appearance of phytotoxicity. They increase the cation exchange capacity (CEC) and unblock nutrients from the soil, which translates into greater availability and better utilization of the same.

SUPREM 45-35 improves edaphic conditions, promotes root development and promotes the availability of nutrients. In addition, it stimulates the plant's enzymatic system, thus facilitating its breathing. What Consequently the metabolism is activated and the result is an excellent quality crop with a higher yield.

### GUARANTEED ANALYSIS

(% M/M)

|                                                                        |        |
|------------------------------------------------------------------------|--------|
| Organic material                                                       | 45,00% |
| Organic carbon                                                         | 26,10% |
| Fulvic acids                                                           | 35,00% |
| Total Nitrogen (N)                                                     | 4,50%  |
| Organic nitrogen (N)                                                   | 2,20%  |
| Urea nitrogen (N)                                                      | 2,30%  |
| Phosphorus pentoxide (P <sub>2</sub> O <sub>5</sub> ) soluble in water | 3,00%  |
| Potassium oxide (K <sub>2</sub> O) soluble in water                    | 3,00%  |



## FARM SALT



### FEATURES

Soil improver that improves the aggregation of soil particles and solubilizes calcium and magnesium.

#### CHARACTERISTICS OF

FARM SALT FARM SALT is a complex anionic polymer based on polymeric acid, soluble in water and with a high molecular weight.

FAMR SALT acts as a soil improver thanks to its excellent properties:

- Reduces the percentage of clay dispersed in water.
- Increase the size of the aggregates.
- Increases the structural stability of the soil.
- Solubilizes calcium and magnesium, replacing sodium that can be washed away from irrigation water

The anionic polymerization of maleic acid produces a polymer (polymeric acid), with a very complex chemical structure consisting of aliphatic, olefinic and aromatic compounds, being soluble in water and rich in carboxylic groups. The polyimalic acid chains break their bonds with the carboxylic radicals form sodium salts (sodium maleates) which are washed from the root zone by irrigation water.

Polyimalic acid is a synthetic, anionic, water-soluble, high molecular weight polymer which, when applied at low doses, acts in maintaining and improving the stability of the aggregates and reduces the percentage of clay dispersed in saline soils. Polyimalic acid also solubilizes calcium, magnesium and sodium. Calcium and Magnesium replaces sodium in the micelles and this can be carried away by the irrigation water, reducing salinity problems.

#### GUARANTEED ANALYSIS

(% M/M)

Polyimal acids

33,00%

## LOW SALT OUT



### FEATURES

LOW SALT OUT is a complex of organic acids and Calcium designed to correct calcium deficiencies and excess salinity in soils and irrigation water.

LOW SALT OUT is totally soluble in water and particularly suitable for application in all types of crops and irrigation systems (drip, micro-sprinkler, pivot, etc.).

Calcium is a secondary macro element with very low mobility in the plant. Therefore, under certain circumstances of high growth, adverse weather conditions, water imbalances, etc. , states of deficiency of this element may occur, which at times become serious.

Calcium is an important element, especially as regards the quality of the fruit. Calcium increases the hardness, shelf life and ultimately the presentation and quality of the fruit.

Due to its low mobility, a very effective way to correct calcium deficiencies is the contribution of the fractionated form during all or most of the crop cycle.

It is strongly recommended that this contribution be made by the localized irrigation system

LOW SALT OUT provides fully assimilable calcium and is perfectly suited to this application system.

LOW SALT OUT is particularly suitable for correcting calcium deficiencies in sensitive crops such as tomato (apical necrosis or peseta), apple (Bitter Pit), other fruit trees, lettuce (Necrosis on the edge of leaves ` T p B r `), pepper and other vegetables, citrus, banana, etc.

LOW SALT OUT is an organic calcium compound, with the ability to exchange ions from the medium in such a way that it corrects the salinity of both soil and water. Moreover, due to its organocalcic structure, it has a remarkable ability to release elements that can be immobilized.

#### GUARANTEED ANALYSIS

(% M/M)

Organic material

25,00%

Organic carbon

15,50%

Total Nitrogen (N)

4,00%

Calcium oxide (CaO) soluble in water

11,00%

## ORGANIC GROUND



### FEATURES

ORGANIC GROUND contains 35% of organic molecules of natural origin and enriched with trace elements, which acts by increasing the microbial activity of the soil, improving its physicochemical properties, as well as increasing the cation exchange capacity (CEC), the assimilation of other nutrients necessary for the plant and strengthens the clay-humic complex.

ORGANIC GROUND , due to the microelements it contains, is an excellent soil conditioner since it does not need to be transformed to mobilize the nutrients present in the medium, which gives the product a greater speed of action. It can be applied throughout the vegetative cycle, being recommended as most active in late winter-early spring.

ORGANIC GROUND it is particularly indicated in soils poor in organic matter, as it acts by improving the properties of the soil and the assimilation of other nutrients that are present in it and for which proper nutrition of the crops is necessary.

#### GUARANTEED ANALYSIS

(% M/M)

Organic material

35,00%

Total Nitrogen (N)

3,00%

Boron (B) in mineral form and soluble in water

0,10%

Calcium (CaO) soluble in water

1,00%

Iron (Fe) soluble in water

1,00%

Magnesium (MgO) soluble in water

1,00%

Manganese (Mn) soluble in water

1,00%

Molybdenum (Mo) soluble in water

0,01%

Zinc (Zn) soluble in water

1,00%

### APPLICATION

ORGANIC GROUND , thanks to its fully assimilable formula, can be applied through the roots using any irrigation system. Run several applications throughout the growing season



## SUPREM HMS



### FEATURES

Humic and fulvic acids of the American leonardite.  
 Humic and fulvic acids originating from the chemical and biological humification of plants and organic matter.  
 Product key points

- Liquid suspension of potassium humate with 18% bioactivated humic and fulvic acids.
- Soil improver and growth stimulator.
- Increases the holding capacity in the soil
- Acts as a natural chelator for micronutrients in alkaline soils and increases the availability of micronutrients for plants
- Increases the efficiency of fertilizers and reduces the leaching of nutrients
- Contains no chemical additives and components of animal origin, free from genetically modified raw materials
- "Made in Spain" by Leonardita americana

SUPREM HMS is a natural and balanced soil conditioner. SUPREM HMS is obtained from the alkaline extraction of American Leonardite (highly oxidized lignite). Organic material comes from geological processes and biological activity. SUPREM HMS used alone or mixed with most fertilizers is a permanent humic substance that cannot be easily decomposed by soil microorganisms.

SUPREM HMS is suitable for all agricultural and horticultural plants and releases its full and lasting impact especially with sandy and clayey soils.

Regular application of SUPREM HMS is recommended on floors to improve soil conditioning, soil fertility, stimulate root growth and increase biomass.

Use SUPREM HMS for fertigation and foliar application to promote the absorption of fertilizers and mineral nutrients present in natural a on the soil.

Humic acids are natural chelates capable of forming chelated complexes and improving the reabsorption of trace metal fertilizers (Mg, Ca, Fe).

The formation of complexes (chelates) is an important aspect of the biological role of humic acids in regulating the bioavailability of metal ions. SUPREM HMS is free of any chemical component that could be harmful to soil and crops.

| GUARANTEED ANALYSIS                                 | (% M/M) |
|-----------------------------------------------------|---------|
| Potassium humate                                    | 18,00%  |
| Humic acids                                         | 16,00%  |
| Fulvic acids                                        | 2,00%   |
| Organic nitrogen (N)                                | 1,00%   |
| Organic carbon (C)                                  | 35,00%  |
| Minerals                                            | 5,00%   |
| Potassium oxide (K <sub>2</sub> O) soluble in water | 3,00%   |
| Iron (Fe) soluble in water                          | 0,20%   |

## SUPREM 800 PH



### FEATURES

SUPREM 800 PH is a growth stimulant and deficiency corrector with a concentration of 80% of humic and fulvic acids especially for sandy and muddy soils. As it is a dry and very fine granule it cannot be transported very easily. It can be applied to all agricultural and horticultural plants. It can increase fertilizer efficiency and reduce fertilizer costs. Stimulates plant growth high biomass production Increases yield and improves plant quality.

SUPREM 800 PH stimulates plant enzymes, improves soil structure and water retention capacity. It increases and stimulates the microbiological activity of the soils. Increases the cation exchange capacity (CEC). It improves fertilizer efficiency and reduces nutrient losses, especially nitrate leaching. Promotes root growth, increases the permeability of root cell membranes and the absorption of nutrients.

SUPREM 800 PH acts as a natural chelate for microelements in alkaline soils and increases their availability for plants. Reduces the damage from drought and stress caused by the application of pesticides. Increases seed germination Reduces residues of herbicides and toxic substances in the soil Delays the decomposition of unstable ultraviolet agents.

| GUARANTEED ANALYSIS                                 | (% M/M) |
|-----------------------------------------------------|---------|
| Humic acids                                         | 80,00%  |
| Potassium oxide (K <sub>2</sub> O) soluble in water | 14,00%  |

## BIOHUMIC 780



### FEATURES

BIOHUMIC 780 is an organic vegetable soil improver prepared to be applied on all types of soil and which acts to improve the factors that influence their fertility. It comes as a highly liquid formulation concentrated in fulvic acids. It is an ecological fertilizer obtained by cooking different types of wood.

BIOHUMIC 780 supplies the soil with a high quantity of organic matter. Improves the contribution of fulvic acids to physical, chemical and biological characteristics of the soil. The chelating action of these favors the availability of micronutrients for plants. Fulvic acids are rapidly assimilated and prevent the appearance of phytotoxicity. They increase the cation exchange capacity (CEC) and unblock nutrients from the soil, which translates into greater availability and better utilization of the same. BIOHUMIC 780 improves edaphic conditions, promotes root development and promotes the availability of nutrients. In addition, it stimulates the plant's enzymatic system thus facilitating its breathing. As a result, the metabolism is active and the result is an excellent quality crop with a higher yield.

| GUARANTEED ANALYSIS                                 | (% M/V) |
|-----------------------------------------------------|---------|
| Fulvic acids                                        | 78,10%  |
| Total organic matter                                | 94,00%  |
| Total Nitrogen (N)                                  | 2,00%   |
| Potassium oxide (K <sub>2</sub> O) soluble in water | 3,00%   |



## FULVI MAX 990



### FEATURES

FULVI MAX 990 allows higher yields without altering the environment. FULVI MAX 990 among its many The benefits allow a better use of foliar and root fertilizers, as well as stimulating the general growth of the plant, which translates into higher yields and better crop quality. Furthermore, FULVI MAX 990 allows the improvement of the soil structure by favoring the formation of aggregates and exponential reproduction of microorganisms. Soil recovery, due to the multiplication of microorganisms caused by FULVI MAX 990, is extremely fast. FULVI MAX 990, in addition to improving the soil and its texture microbiologically, it can benefit by multiplying the microorganisms that degrade insecticides or herbicides that traditionally remain on the earth for a long time. Microorganisms destroy pesticide residues, which is beneficial for the environment. FULVI MAX 990 is the most active part of humus, it is soluble in acidic, neutral and alkaline medium, unlike humic acid which is not soluble at acidic pH. In areas with a high concentration of calcium, fulvic acid prevents the precipitation of phosphorus and other elements, which is beneficial for plants because they receive more nutrients and also prevents clogging of the nozzles of irrigation systems.

### Advantages of FULVI MAX 990

Increase yields and improve crop quality:

1. Stimulate the general growth of the plant.
2. Significantly improve the absorption and translocation of nutrients and agricultural chemicals through leaves and roots.
3. Improve soils by exponentially promoting the reproduction of microorganisms and the formation of aggregates.
4. Acts as a biostimulant by catalyzing the biochemical processes in the plant and favoring the formation of nucleic acids due to its high amino acid content.
5. Quelata and provides the plant with nutrients that are difficult to absorb.

### GUARANTEED ANALYSIS

(% M/M)

|              |        |
|--------------|--------|
| Fulvic acids | 99,00% |
|--------------|--------|

## TOPCAL PH 350



### FEATURES

TOPCAL PH 350 is a liquid calcium improver in the form of a concentrated suspension, recommended for restoring calcium in the soil, as well as for neutralizing soils with acidic pH and correcting soils with high salinity or conductivity.

Its use is mainly recommended in those soils with acid pH, as well as soils that are irrigated with saline or high conductivity water.

The purpose of TOPCAL PH 350 is the neutralization of acid soils as well as the saturation of the clay-humic complex with calcium, facilitating the washing of the salts by leaching and allowing the ionic exchange of the soil with the usual fertilizing elements.

### Characteristics of TOPCAL PH 350 in soils:

- Corrects the pH and structure of acid soils and avoids limestone.
- It is suitable for all types of soils (alkaline, acid, saline-sodium, etc.).
- Forms colloidal complexes with humus and prevents losses due to washing.
- Increases water infiltration in saline-sodium soils, displacing sodium (Na), facilitating its washing with irrigation water.
- Calcium immobilizes toxic elements such as aluminum and manganese.
- Promotes the absorption of most nutrients, and especially of Potassium.
- Reduces electrical conductivity and increases water availability.

### GUARANTEED ANALYSIS

(% W/W)

|                                      |        |
|--------------------------------------|--------|
| Calcium oxide (CaO) soluble in water | 35,00% |
| Neutralizing value                   | 35,00% |

### APPLICATION

TOPCAL HP 350 can be applied on all types of flooring. Its use is mainly recommended in those soils with acid pH, as well as soils irrigated with saline or highly conductive waters.

## TOPCAL ACTIVE FLOW



### FEATURES

Liquid fertilizer for natural and balanced nutrition of plants with native Nitrogen and Potassium. Key points of the product

- Liquid fertilizer for a natural and balanced diet of the plant with native nitrogen and potassium.
- Natural product, free of chemical additives
- Contains natural plant extracts and yeast proteins
- "Made in Italy"
- Complies with the European Regulation on Organic Agriculture 834/2007 / EC, 889/2008 / EC and the NOP USA Regulation . TOPCAL ACTIVE FLOW is a balanced organic mineral fertilizer composed of amino acids, humic substances and microelements. The balanced content of organic acids and primary macroelements (N, K) is ideal for plant nutrition. The gentle treatment by evaporation, centrifugation and micronization helps to preserve the natural characteristics of all the organic acids present in the product. Organic potassium and nitrogen together with trace elements and vitamins are available to the plant and guarantee a high nutritional value without losses due to leaching.

Regular application of TOPCAL ACTIVE FLOW is recommended for plant nutrition, in order to favor the microbial flora (Azotobacter / Pseudomonas) and to improve soil texture and structure. ACTIVE TOPCAL FLOW produces a greater growth of fine roots and the enzymatic activity of the plants will increase the quality and increase the quantity of agricultural production. TOPCAL ACTIVE FLOW is free from any chemical component that may be harmful to the soil.

### GUARANTEED ANALYSIS

(% M/V)

|                    |        |
|--------------------|--------|
| Organic material   | 63,00% |
| Organic carbon (C) | 36,54% |
| Amino acids        | 5,00%  |



|                                                     |        |
|-----------------------------------------------------|--------|
| Fulvic acids                                        | 48,00% |
| Betaine                                             | 7,00%  |
| Total Nitrogen (N)                                  | 3,00%  |
| Minerals                                            | 5,00%  |
| Potassium oxide (K <sub>2</sub> O) soluble in water | 25,00% |
| Calcium oxide (CaO) soluble in water                | 0,40%  |
| Magnesium oxide (MgO) soluble in water              | 0,05%  |
| Sulfur (S) soluble in water                         | 0,80%  |

## BIO ACTIVE AA



### FEATURES

Liquid fertilizer for a natural and balanced nutrition of plants with native Nitrogen and Potassium.

Key points of the product

- Liquid fertilizer for a natural and balanced diet of the plant with native nitrogen and potassium.
- Natural product, free of chemical additives
- Contains natural plant extracts and yeast proteins
- "Made in Italy"
- Complies with the European Regulation on Organic Agriculture 834/2007 / EC, 889/2008 / EC and the NOP USA Regulation .

BIO ACTIVE AA is a balanced organic mineral fertilizer composed of amino acids, humic substances and microelements. The balanced content of organic acids and primary macroelements (N, K) is ideal for plant nutrition.

The delicate processing by evaporation, centrifugation and micronization helps to preserve the natural characteristics of all organic acids in the product.

Organic potassium and nitrogen together with trace elements and vitamins are available to the plant and guarantee a high nutritional value without losses due to leaching. Regular application of BIO ACTIVE AA is recommended for plant nutrition, in order to favor the microbial flora (Azotobacter / Pseudomonas) and to improve soil texture and structure.

BIO ACTIVE AA produces an increase in the growth of fine roots and the enzymatic activity of the plants will increase the quality and increase the quantity of agricultural production. BIO ACTIVE AA it is free from any chemical component that could be harmful to the soil.

| GUARANTEED ANALYSIS                                                    | (% M/V) |
|------------------------------------------------------------------------|---------|
| Organic material                                                       | 50,00%  |
| Organic carbon (C)                                                     | 29,00%  |
| Total humic extract                                                    | 16,00%  |
| Amino acids                                                            | 25,00%  |
| Betaine                                                                | 7,00%   |
| Total Nitrogen (N)                                                     | 6,00%   |
| Minerales                                                              | 5,00%   |
| Phosphorus pentoxide (P <sub>2</sub> O <sub>5</sub> ) soluble in water | 0,05%   |
| Potassium oxide (K <sub>2</sub> O) soluble in water                    | 3,00%   |
| Calcium oxide (CaO) soluble in water                                   | 0,40%   |
| Magnesium oxide (MgO) soluble in water                                 | 0,05%   |
| Sulfur (S) soluble in water                                            | 0,80%   |

## BIO ACTIVE AF MIX



### FEATURES

Liquid fertilizer for natural and balanced nutrition of plants with native Nitrogen, Phosphorus and Potassium

Key points of the product

- Liquid fertilizer for a natural and balanced diet of the plant with native nitrogen, phosphorus and potassium.
- Natural product, free of chemical additives
- Contains natural plant extracts and yeast proteins
- "Made in Italy"
- Complies with the European Regulation for Organic Agriculture 834/2007 / EC, 889/2008 / EC and the US Regulation NOP.

BIO ACTIVE AF MIX is a balanced organic mineral fertilizer composed of amino acids, humic substances and microelements.

The balanced content of organic acids and primary macroelements (N, P, K) is ideal for plant nutrition. Gentle processing by evaporation, centrifugation and micronization helps to preserve the natural characteristics of all organic acids in the product. Organic phosphorus, potassium and nitrogen together with trace elements and vitamins are available to the plant and guarantee a high nutritional value without losses due to leaching. Regular application of BIO ACTIVE AF MIX is recommended for plant nutrition, in order to favor the microbial flora (Azotobacter / Pseudomonas) and improve soil texture and structure.

BIO ACTIVE AF MIX produces greater growth of fine roots and the enzymatic activity of plants will increase the quality and increase the quantity of agricultural production. BIO ACTIVE AF MIX is a free chemical component that could be harmful to the soil.

| GUARANTEED ANALYSIS                                                    | (% M/V) |
|------------------------------------------------------------------------|---------|
| Organic material                                                       | 57,00%  |
| Organic carbon (C)                                                     | 33,00%  |
| Fulvic acids                                                           | 43,50%  |
| Amino acids                                                            | 5,00%   |
| Betaine                                                                | 7,00%   |
| Minerales                                                              | 5,00%   |
| Total Nitrogen (N)                                                     | 2,00%   |
| Phosphorus pentoxide (P <sub>2</sub> O <sub>5</sub> ) soluble in water | 20,00%  |
| Potassium oxide (K <sub>2</sub> O) soluble in water                    | 25,00%  |
| Calcium oxide (CaO) soluble in water                                   | 0,40%   |
| Magnesium oxide (MgO) soluble in water                                 | 0,05%   |
| Sulfur (S) soluble in water                                            | 0,80%   |

## NITRO PLUS 300



### FEATURES

Liquid fertilizer for natural and balanced nutrition of plants with native Nitrogen, Phosphorus and Potassium

Key points of the product

- Liquid fertilizer for a natural and balanced diet of the plant with native nitrogen, phosphorus and potassium .
- Natural product, free of chemical additives
- Contains natural plant extracts and yeast proteins
- "Made in Italy"
- In compliance with the European Regulation on Organic Agriculture 834/2007 / EC, 889/2008 / EC and the Regulation USA NOP.



## Soil corrector / conditioner

NITRO PLUS 300 is a balanced organic mineral fertilizer composed of amino acids, humic substances and microelements. The balanced content of organic acids and primary macroelements (N, P, K) is ideal for plant nutrition. The delicate processing by evaporation, centrifugation and micronization helps to preserve the natural characteristics of all organic acids in the product.

Organic phosphorus, potassium and nitrogen together with trace elements and vitamins are available to the plant and guarantee a high nutritional value without losses due to leaching. Regular application of NITRO PLUS 300 is recommended for the nutrition of plants, in order to favor the microbial flora (Azotobacter / Pseudomonas) and to improve the consistency and structure of the soil.

NITRO PLUS 300 produces greater growth of fine roots and the enzymatic activity of plants will increase the quality and increase the quantity of agricultural production.

NITRO PLUS 300 is free of chemical components that could be harmful to the soil.

| GUARANTEED ANALYSIS                          | (% M/V) |
|----------------------------------------------|---------|
| Organic material                             | 72,00%  |
| Organic carbon (C)                           | 41,76%  |
| Fulvic acids                                 | 55,00%  |
| Amino acids                                  | 5,00%   |
| Betaine                                      | 7,00%   |
| Minerales                                    | 5,00%   |
| Total Nitrogen (N)                           | 3,00%   |
| Phosphorus pentoxide (P2O5) soluble in water | 20,00%  |
| Potassium oxide (K2O) soluble in water       | 5,00%   |
| Calcium oxide (CaO) soluble in water         | 0,40%   |
| Magnesium oxide (MgO) soluble in water       | 0,05%   |
| Sulfur (S) soluble in water                  | 0,80%   |

### NITRO ORGANIC PLUS



#### FEATURES

Liquid fertilizer for natural and balanced nutrition of plants with native Nitrogen, Phosphorus and Potassium  
Key points of the product

- Liquid fertilizer for a natural and balanced diet of the plant with native nitrogen, phosphorus and potassium .
- Natural product, free of chemical additives
- Contains natural plant extracts and yeast proteins
- "Made in Italy"
- In compliance with the European regulation on organic farming 834/2007 / EC, 889/2008 / EC and the regulation United States NOP.

NITRO ORGANIC PLUS is a balanced organic mineral fertilizer composed of amino acids, humic substances and microelements.

The balanced content of organic acids and primary macroelements (N, P, K) is ideal for plant nutrition.

The delicate processing by evaporation, centrifugation and micronization helps to preserve the natural characteristics of all organic acids in the product.

Organic phosphorus, potassium and nitrogen together with trace elements and vitamins are available to the plant and guarantee a high nutritional value without losses due to leaching. Regular application of NITRO ORGANIC PLUS is recommended for plant nutrition, in order to favor the microbial flora (Azotobacter / Pseudomonas) and improve soil texture and structure.

NITRO ORGANIC PLUS increases the growth of fine roots and the enzymatic activity of plants will increase the quality and quantity of agricultural production.

NITRO ORGANIC PLUS is free of chemical components that could be harmful to the soil.

| GUARANTEED ANALYSIS                          | (% M/V) |
|----------------------------------------------|---------|
| Organic material                             | 57 ,00% |
| Organic carbon (C)                           | 33,00%  |
| Fulvic acids                                 | 44,00%  |
| Amino acids                                  | 5,00%   |
| Betaine                                      | 7,00%   |
| Minerales                                    | 5,00%   |
| Total Nitrogen (N)                           | 3,00%   |
| Phosphorus pentoxide (P2O5) soluble in water | 17,00%  |
| Potassium oxide (K2O) soluble in water       | 21,00%  |
| Calcium oxide (CaO) soluble in water         | 0,40%   |
| Magnesium oxide (MgO) soluble in water       | 0,05%   |
| Sulfur (S) soluble in water                  | 0,80%   |

### NITRO COMPLEX



#### FEATURES

Liquid fertilizer for natural and balanced nutrition of plants with native Nitrogen, Phosphorus and Potassium  
Key points of the product

- Liquid fertilizer for a natural and balanced diet of the plant with native nitrogen, phosphorus and potassium.
- Natural product, free of chemical additives
- Contains natural plant extracts and yeast proteins
- "Made in Italy"
- In compliance with the European Regulation on Organic Agriculture 834/2007 / EC, 889/2008 / EC and the Regulation USA NOP.

NITRO COMPLEX is a balanced organic mineral fertilizer composed of amino acids, humic substances and microelements.

The balanced content of organic acids and primary macroelements (N, P, K) is ideal for plant nutrition.

The delicate processing by evaporation, centrifugation and micronization helps to preserve the natural characteristics of all organic acids in the product. Organic phosphorus, potassium and nitrogen together with trace elements and vitamins are available to the plant and guarantee a high nutritional value without losses due to leaching. Regular application of NITRO COMPLEX is recommended for plant nutrition, in order to favor the microbial flora (Azotobacter / Pseudomonas) and to improve the texture and structure of the soil.

NITRO COMPLEX increases the growth of fine roots and the enzymatic activity of plants will increase the quality and quantity of agricultural production.

NITRO COMPLEX it is free from any chemical component that could be harmful to the soil.



| GUARANTEED ANALYSIS                          | (% M/V) |
|----------------------------------------------|---------|
| Organic material                             | 52,00%  |
| Organic carbon (C)                           | 30,16%  |
| Total humic extract                          | 25,00%  |
| Amino acids                                  | 10,00%  |
| Betaine                                      | 10,00%  |
| Polyglutamic acid                            | 4,60%   |
| Ácido cítrico                                | 2,70%   |
| Total Nitrogen (N)                           | 4,00%   |
| Minerales                                    | 9,00%   |
| Phosphorus pentoxide (P2O5) soluble in water | 1,00%   |
| Potassium oxide (K2O) soluble in water       | 5,00%   |
| Calcium oxide (CaO) soluble in water         | 0,50%   |
| Magnesium oxide (MgO) soluble in water       | 0,05%   |
| Sulfur (S) soluble in water                  | 1,00%   |

## BIO ACTIVE N 80



### FEATURES

Liquid fertilizer for natural and balanced nutrition of plants with native Nitrogen, Phosphorus and Potassium

- Liquid fertilizer for a natural and balanced diet of the plant with native nitrogen, phosphorus and potassium.
- Natural product, free of chemical additives
- Contains natural plant extracts and yeast proteins
- "Made in Italy"
- In compliance with the European regulation on organic farming 834/2007 / EC, 889/2008 / EC and the regulation United States NOP. BIO ACTIVE N 80 is a balanced organic mineral fertilizer composed of amino acids, humic substances and microelements. The balanced content of organic acids and primary macroelements (N, P, K) is ideal for plant nutrition.

The delicate processing by evaporation, centrifugation and micronization helps to preserve the natural characteristics of all organic acids in the product. Organic phosphorus, potassium and nitrogen together with trace elements and vitamins are available to the plant and guarantee a high nutritional value without losses due to leaching. Regular application of BIO ACTIVE N 80 is recommended for plant nutrition, in order to favor the microbial flower (Azotobacter / Pseudomonas) and to improve the texture and structure of the soil. BIO ACTIVE N 80 produces greater growth of fine roots and the enzymatic activity of plants will increase the quality and increase the quantity of agricultural production.

BIO ACTIVE N 80 it is free from any chemical component that could be harmful to the soil.

| GUARANTEED ANALYSIS                          | (% M/V) |
|----------------------------------------------|---------|
| Organic material                             | 52,00%  |
| Organic carbon (C)                           | 30,16%  |
| Total humic extract                          | 25,00%  |
| Amino acids                                  | 10,00%  |
| Betaine                                      | 10,00%  |
| Polyglutamic acid                            | 4,60%   |
| Ácido cítrico                                | 2,70%   |
| Minerales                                    | 9,00%   |
| Total Nitrogen (N)                           | 8,00%   |
| Organic nitrogen (N)                         | 8,00%   |
| Phosphorus pentoxide (P2O5) soluble in water | 8,00%   |
| Potassium oxide (K2O) soluble in water       | 8,00%   |
| Calcium oxide (CaO) soluble in water         | 0,50%   |
| Magnesium oxide (MgO) soluble in water       | 0,50%   |
| Sulfur (S) soluble in water                  | 1,00%   |

## BIO ACTIVE CC



### FEATURES

Liquid fertilizer for natural and balanced nutrition of plants with native Nitrogen, Phosphorus and Potassium

Key points of the product

- Liquid fertilizer for a natural and balanced diet of the plant with native nitrogen, phosphorus and potassium .
- Natural product, free of chemical additives
- Contains natural plant extracts and yeast proteins
- "Made in Italy"
- In compliance with the European regulation on organic farming 834/2007 / EC, 889/2008 / EC and the regulation United States NOP. BIO ACTIVE CC is a balanced organic mineral fertilizer composed of amino acids, humic substances and microelements. The balanced content of organic acids and primary macroelements (N, P, K) is ideal for plant nutrition. The delicate processing by evaporation, centrifugation and micronization helps to preserve the natural characteristics of all organic acids in the product. Phosphorus, potassium and nitrogen Biological together with trace elements and vitamins are available to the plant and guarantee a high nutritional value without losses due to leaching. Regular application of BIO ACTIVE CC is recommended for plant nutrition, in order to promote microbial flowering (Azotobacter / Pseudomonas) and to improve soil texture and structure. BIO ACTIVE CC produces increased growth of fine roots and enzymatic activity in plants will increase the quality and quantity of agricultural production. BIO ACTIVE CC is free of any chemical component that could be harmful to the soil.

| GUARANTEED ANALYSIS                          | (% M/V) |
|----------------------------------------------|---------|
| Organic material                             | 59,00%  |
| Organic carbon (C)                           | 34,22%  |
| Fulvic acids                                 | 46,20%  |
| Total Nitrogen (N)                           | 6,60%   |
| Phosphorus pentoxide (P2O5) soluble in water | 4,00%   |
| Potassium oxide (K2O) soluble in water       | 6,60%   |
| Calcium oxide (CaO) soluble in water         | 1,30%   |



## BIO ACTIVE BALANCE



### FEATURES

Liquid fertilizer for natural and balanced nutrition of plants with native Nitrogen, Phosphorus and Potassium. Key points of the product.

- Liquid fertilizer for a natural and balanced diet of the plant with native nitrogen, phosphorus and potassium.
- Natural product, free of chemical additives
- Contains natural plant extracts and yeast proteins
- "Made in Italy"
- In compliance with the European regulation on organic farming 834/2007 / EC, 889/2008 / EC and the regulation United States NOP.

BIO ACTIVE BALANCE is a balanced organic mineral fertilizer composed of amino acids, humic substances and microelements. The balanced content of organic acids and primary macroelements (N, P, K) is ideal for plant nutrition. Gentle processing by evaporation, centrifugation and micronization helps to preserve the natural characteristics of all organic acids in the product. Phosphorus, potassium and organic nitrogen along with trace elements and vitamins are available to the plant and guarantee a high nutritional value without losses due to leaching. Regular application of BIO ACTIVE BALANCE nutrition of plants is recommended, to favor the microbial flora (Azotobacter / Pseudomonas) and to improve the soil texture and structure. BIO ACTIVE BALANCE increases the growth of fine roots and the enzymatic activity of plants will increase the quality and quantity of agricultural production. BIO ACTIVE BALANCE is free from any chemical component that could be harmful to the soil.

### GUARANTEED ANALYSIS

|                                              | (% M/V) |
|----------------------------------------------|---------|
| Organic material                             | 35,00%  |
| Organic carbon (C)                           | 20,30%  |
| Total Nitrogen (N)                           | 2,00%   |
| Phosphorus pentoxide (P2O5) soluble in water | 4,00%   |
| Potassium oxide (K2O) soluble in water       | 12,00%  |

## AGRO ACTIVE



### FEATURES

Liquid fertilizer for natural and balanced nutrition of plants with native Nitrogen, Phosphorus and Potassium. Key points of the product.

- Liquid fertilizer for a natural and balanced diet of the plant with native nitrogen, phosphorus and potassium.
- Natural product, free of chemical additives
- Contains natural plant extracts and yeast proteins
- "Made in Italy"
- In compliance with the European regulation on organic farming 834/2007 / EC, 889/2008 / EC and the regulation United States NOP.

AGRO ACTIVE is a balanced organic mineral fertilizer composed of amino acids, humic substances and microelements. The balanced content of organic acids and primary macroelements (N, P, K) is ideal for plant nutrition. The delicate processing by evaporation, centrifugation and micronization helps to preserve the natural characteristics of all organic acids in the product.

Organic phosphorus, potassium and nitrogen together with trace elements and vitamins are available to the plant and guarantee a high nutritional value without losses due to leaching. Regular application of AGRO ACTIVE is recommended for plant nutrition, in order to promote the microbial flora (Azotobacter / Pseudomonas) and to improve the texture and structure of the soil. AGRO ACTIVE produces greater growth of fine roots and the enzymatic activity of plants will increase the quality and increase the quantity of agricultural production.

AGRO ACTIVE is free of any chemical component that could be harmful to the soil.

### GUARANTEED ANALYSIS

|                                                | (% M/V) |
|------------------------------------------------|---------|
| Organic material                               | 35,00%  |
| Organic carbon (C)                             | 20,30%  |
| Total Nitrogen (N)                             | 8,00%   |
| Organic nitrogen (N)                           | 8,00%   |
| Phosphorus pentoxide (P2O5) soluble in water   | 3,00%   |
| Potassium oxide (K2O) soluble in water         | 3,00%   |
| Boron (B) in mineral form and soluble in water | 0,001%  |
| Iron (Fe) soluble in water                     | 0,01%   |
| Manganese (Mn) soluble in water                | 0,001%  |
| Zinc (Zn) soluble in water                     | 0,001%  |

## ACTIVE MULTI 500



### FEATURES

Liquid fertilizer for natural and balanced nutrition of plants with native Nitrogen and Potassium. Key points of the product.

- Liquid fertilizer for a natural and balanced diet for the plant with native nitrogen and potassium.
- Natural product, free of chemical additives
- Contains natural plant extracts and yeast proteins
- "Made in Italy"
- In compliance with the European regulation on organic farming 834/2007 / EC, 889/2008 / EC and the regulation United States NOP.

ACTIVE MULTI 500 is a balanced organic mineral fertilizer composed of amino acids, humic substances and microelements. The balanced content of organic acids and primary macroelements (N, K) is ideal for plant nutrition. The gentle treatment by evaporation, centrifugation and micronization helps to preserve the natural characteristics of all the organic acids present in the product. Organic potassium and nitrogen together with trace elements and vitamins are available to the plant and guarantee a high nutritional value with no loss due to leaching. A regular application of ACTIVE MULTI 500 is recommended for plant nutrition, to favor the microbial flora (Azotobacter / Pseudomonas) and to improve its texture and earth structure.

ACTIVE MULTI 500 increases the growth of fine roots and the enzymatic activity of the plants will increase the quality and quantity of agricultural production from which ACTIVE MULTI 500 is free of any chemical component that could be harmful to the soil.

### GUARANTEED ANALYSIS

|                                        | (% M/V) |
|----------------------------------------|---------|
| Organic material                       | 93,00%  |
| Organic carbon (C)                     | 54,00%  |
| Fulvic acids                           | 72,00%  |
| Total amino acids                      | 15,00%  |
| Free amino acids                       | 2,00%   |
| Total Nitrogen (N)                     | 5,00%   |
| Organic nitrogen (N)                   | 5,00%   |
| Potassium oxide (K2O) soluble in water | 5,00%   |



# CORRECTORS OF DEFICIENCIES

A deficiency corrector is a product that contains one or more microelements and that is used to prevent or cure any deficiency caused by the lack of that element or by its blockage.

The products of the Deficiency Correctors line are products that prevent and correct deficiencies caused by deficiencies or imbalances in the absorption of certain mineral elements, thus increasing the productivity and yield of crops. It is specifically formulated to prevent and correct the main deficiency states Fe, Mn, Zn, Cu, Bo, Mo in everything type of crops quickly and durably throughout the cycle. The main symptoms presented due to the deficiency of microelements, they can be symptoms of chlorosis, necrosis, deformations foliar, color variations or abnormal growth.





## FERRO TOTAL



### FEATURES

FERRO TOTAL is a complex of iron (Fe) chelated with EDDHA which gives the product good stability. in conditions of high pH and calcareous soils. It is used in the prevention and correction of ferric chlorosis of various kinds of crops.

### BENEFITS

- Molecule of great purity and activity
- EDDHA with a high content of ORTHO-ORTHO isomers
- Maximum proportion of fully chelated iron
- Molecule stable and efficient up to pH 12
- Greater mobility in the soil compared to other chelates, which allows a better diffusion of product and thus to obtain most of the roots in the plant
- Excellent formulation in liquid form
- Absence of insoluble particles, which guarantees a problem-free application in drip irrigation

### GUARANTEED ANALYSIS

(% M/M)

|                                                                      |       |
|----------------------------------------------------------------------|-------|
| Iron (Fe) EDDHA                                                      | 6,00% |
| Ortho - Ortho                                                        | 4,80% |
| The chelated fraction has good stability over a pH range of 6.5 - 12 |       |

### APPLICATION

FERRO TOTAL can be applied directly to the soil with any irrigation system, after diluting the water and can be applied at any stage of the harvesting cycle when chlorosis is observed. It is necessary to ensure that the irrigation equipment should be washed after its use to avoid corrosion. Use only when there is a recognized need. Do not exceed the recommended dose.

## ZINGVITA



### FEATURES

ZINGVITA is a zinc deficiency corrector with zinc chelated with EDTA (ethylenediaminetetraacetic) acid. Zinc is an essential micronutrient in the activation of enzymes and in the synthesis and storage of plant growth hormones (auxins). Participates in protein synthesis and increases photosynthesis. ZINGVITA is specially formulated to prevent and correct zinc deficiency states.

### GUARANTEED ANALYSIS

(% M/M)

|                                                         |        |
|---------------------------------------------------------|--------|
| Zinc (Zn) soluble in water                              | 14,00% |
| Chelating agent: ethylenediaminetetraacetic acid (EDTA) | 4,80%  |

### APPLICATION

The application of ZINGVITA prevents the loss of apical dominance, internervial chlorosis and the reduction in the size of leaves, internodes and plants in general.

## MAGNOCUR 13%



### FEATURES

MAGNOCUR 13% is a manganese deficiency corrector with manganese chelate with ethylenediaminetetraacetic acid (EDTA). Manganese participates in photosynthesis, in plant respiration mechanisms and in numerous oxidation-reducing enzyme systems. It promotes root development and intervenes in the synthesis of proteins and in the growth of plant cells. MAGNOCUR 13% appears to be a very effective manganese deficiency corrector.

### GUARANTEED ANALYSIS

(% M/M)

|                                                         |        |
|---------------------------------------------------------|--------|
| Manganese (Mn) soluble in water                         | 13,00% |
| Chelating agent: ethylenediaminetetraacetic acid (EDTA) |        |

### APPLICATION

MAGNOCUR 13% effectively treats manganese deficiencies both by direct application in the soil and by foliar spraying. It intervenes in the formation of chlorophyll and carbohydrates as well as in the decomposition of the latter.

## CALCIUM



### FEATURES

CALCIUM is a corrector of calcium deficiency. Chelated fertilizer with ethylenediaminetetraacetic acid (EDTA). Calcium is an essential nutrient for plants. It plays an important role in the absorption of nutrients, in the growth and development of them. It is found in the cell walls of plant tissues mainly transported by xylem. Calcium availability is directly related to plant transpiration rates.

CALCIUM turns out to be a very effective calcium corrector. CALCIUM is specially formulated to correct calcium deficiencies in the plant.

### GUARANTEED ANALYSIS

(% M/M)

|                                                         |        |
|---------------------------------------------------------|--------|
| Calcium (CaO) soluble in water                          | 14,00% |
| Chelating agent: ethylenediaminetetraacetic acid (EDTA) |        |

### APPLICATION

CALCIUM is recommended from the beginning of the fall of the petals up to 1/3 of the size of the fruit. It would also be suitable in phases of rapid growth.



## KUPFERPREVENT



### FEATURES

KUPFERPREVENT is a copper deficiency corrector with chelated copper. KUPFERPREVENT is indicated to prevent and correct states of copper deficiency. The Cu it provides is fully chelated so that assimilation is faster and more efficient and release is slower and longer lasting. Furthermore, it is stable over a wide pH range and soluble (total and instantaneous solubility in any type of water).

### GUARANTEED ANALYSIS

(% M/M)

|                                                         |        |
|---------------------------------------------------------|--------|
| Copper (Cu) soluble in water                            | 14,00% |
| Chelating agent: ethylenediaminetetraacetic acid (EDTA) |        |

### APPLICATION

KUPFERPREVENT activates numerous enzymes which are involved in the stabilization of the chlorophyll formation process, in the metabolism of proteins and in the symbiotic fixation of atmospheric nitrogen. It favors the mobilization of Cu and therefore its integration in the metabolism of plants.

## MAGNO ACTIV 15%



### FEATURES

MAGNO ACTIV 15% is a magnesium deficiency corrector. Chelated fertilizer with ethylenediaminetetraacetic acid (EDTA). Magnesium is part of chlorophyll, so it is involved in the photosynthesis process. This nutrient participates in numerous enzymatic actions. It favors the assimilation of CO<sub>2</sub>, the absorption of P and the production of sugars. In addition, it participates in the respiration of the plant and in the synthesis of carbohydrates, proteins and lipids.

### GUARANTEED ANALYSIS

(% M/M)

|                                                         |        |
|---------------------------------------------------------|--------|
| Magnesium (MgO) soluble in water                        | 14,00% |
| Chelating agent: ethylenediaminetetraacetic acid (EDTA) |        |

### APPLICATION

The application of ZINGVITA prevents the loss of apical dominance, internervial chlorosis and the reduction in the size of leaves, internodes and plants in general.

## GEL-PRESS 15%



### FEATURES

GEL-PRESS 15% is an iron deficiency corrector. Chelated fertilizer with ethylenediaminetetraacetic acid (EDTA). Iron is essential in biochemical processes such as photosynthesis and cellular respiration of plants, in the metabolism of carbohydrates, nitrogen reduction and the formation of numerous enzymes. GEL-PRESS 15% prevents and corrects states of iron deficiency such as iron chlorosis. It is an easy-to-assimilate fertilizer by the plant, thus obtaining immediate results on it.

### GUARANTEED ANALYSIS

(% M/M)

|                                                         |        |
|---------------------------------------------------------|--------|
| Iron (Fe) soluble in water                              | 15,00% |
| Chelating agent: ethylenediaminetetraacetic acid (EDTA) |        |

## NUTRY ZINC DUO



### FEATURES

NUTRY ZINC DUO is a corrector of manganese and zinc deficiencies easily assimilated by the plant, so the results are not long in coming. It favors the process of photosynthesis, protein synthesis and the different respiratory mechanisms of the plant. Enhance crop plant growth. NUTRY ZINC DUO increases crop flora and stimulates nitrogen mobility, thus obtaining superior quality pollen. At the same time, it also favors fruit set. With NUTRY ZINC DUO, the nutritional status of plants is optimal, increasing the quantity and quality of the final crop.

### GUARANTEED ANALYSIS

(% M/M)

|                                                         |        |
|---------------------------------------------------------|--------|
| Zinc (Zn) - water soluble EDTA                          | 15,00% |
| Manganese (Mn) - water soluble EDTA                     | 15,00% |
| Chelating agent: ethylenediaminetetraacetic acid (EDTA) |        |

### APPLICATION

The mode of action of NUTRY ZINC DUO consists of the sum of the preventive and curative effects provided by the microelements present in its formulation. Together, the applications of NUTRY ZINC DUO allow you to quickly correct nutritional deficiencies and stimulate plant recovery



## FERRO SAURCE



### FEATURES

FERRO SAURCE is a molecular blend of Copper, Iron, Manganese and Zinc chelated with the salt of ethylenediaminetetraacetic acid (EDTA). Furthermore, this blend is enriched with Boron and Molybdenum in the mineral form. FERRO SAURCE provides the appropriate concentrations of trace elements. Hence, these do not interact with each other and can be absorbed by the plant. Furthermore, the chelation of nutrients favors the assimilation of the same by the plant. It is a stable fertilizer over a wide pH range and compatible with most plant protection products.

FERRO SAURCE, being an abundant and balanced source of micronutrients, is effective in the prevention and treatment of states deficient in microelements.

### GUARANTEED ANALYSIS

(% M/M)

|                                                         |       |
|---------------------------------------------------------|-------|
| Boron (B) soluble in water                              | 3,00% |
| Copper (Cu) soluble in water and chelated with EDTA     | 0,40% |
| Iron (Fe) soluble in water and chelated with EDTA       | 7,50% |
| Manganese (Mn) soluble in water and chelated with EDTA  | 5,00% |
| Molybdenum (Mo) soluble in water                        | 0,20% |
| Zinc (Zn) soluble in water and chelated with EDTA       | 5,00% |
| Chelating agent: ethylenediaminetetraacetic acid (EDTA) |       |

### APPLICATION

FERRO SAURCE can be applied by foliar spray or by irrigation systems. Apply in case of recognized need. For foliar application do not exceed the minimum recommended dose and avoid periods of strong solar radiation

## MOLEC-MIX 760



### FEATURES

MOLEC-MIX 760 is a molecular blend based on Copper, Iron, Manganese and Zinc chelated with the salt of ethylenediaminetetraacetic acid (EDTA). Furthermore, this blend is enriched with Boron and Molybdenum in the mineral form. MOLEC-MIX 760 provides the appropriate concentrations of trace elements. Hence, these do not interact with each other and can be absorbed by the plant. Furthermore, the chelation of nutrients favors the assimilation of the same by the plant. It is a stable fertilizer over a wide pH range and compatible with most plant protection products. MOLEC-MIX 760, being an abundant and balanced source of micronutrients, it is effective in the prevention and treatment of microelement deficiency states.

### GUARANTEED ANALYSIS

(% M/M)

|                                                         |       |
|---------------------------------------------------------|-------|
| Boron (B) soluble in water                              | 0,65% |
| Copper (Cu) soluble in water and chelated with EDTA     | 0,35% |
| Iron (Fe) soluble in water and chelated with EDTA       | 7,60% |
| Manganese (Mn) soluble in water and chelated with EDTA  | 3,60% |
| Molybdenum (Mo) soluble in water                        | 0,30% |
| Zinc (Zn) soluble in water and chelated with EDTA       | 0,70% |
| Chelating agent: ethylenediaminetetraacetic acid (EDTA) |       |

### APPLICATION

MOLEC-MIX 760 can be applied by foliar spray or by irrigation systems. Apply in case of recognized need. For foliar application do not exceed the minimum recommended dose and avoid periods of strong solar radiation.

## CHELAT-FE



### FEATURES

CHELAT-FE effective solution to correct iron chlorosis and zinc and manganese deficiencies. It is a chemical mix of chelated micronutrients of iron, manganese, zinc and humic acids. Contains trace elements 100% chelated by EDDHA with an optimal balance between ortho-ortho and ortho-para isomers. Manganese and Zinc They are chelated by EDTA which guarantees maximum stability to the ground.

CHELAT-FE is distinguished by the high degree of chelation, the synergistic action of the microelements and the great persistence with respect to deficiency symptoms. It also has a high efficiency and an optimal formulation, solved in the application of various states of deficiency.

CHELAT-FE contains maximum stability in calcareous and alkaline agricultural soils. Contains high speed of action and demonstrated long persistence. CHELAT-FE guarantees maximum profitability and proven efficiency both in soil applications as in foliar applications and in preventive and curative treatments. CHELAT-FE achieves a direct and balanced supply of active and functional iron inside the leaves; ensuring an increase in photosynthetic activity, stimulation of plant growth and increased production.

### GUARANTEED ANALYSIS

(% M/M)

|                                                        |        |
|--------------------------------------------------------|--------|
| Iron (Fe) soluble in water and chelated with EDTA      | 4,50%  |
| Manganese (Mn) soluble in water and chelated with EDTA | 1,50%  |
| Zinc (Zn) soluble in water and chelated with EDTA      | 0,50%  |
| Water-soluble humic acids                              | 12,00% |

### APPLICATION

The application rates of CHELAT-FE will vary according to the intensity of the deficiencies, the development of the crop, the climatic conditions and the time in which the application is made.

## CHELAT ENERGY



### FEATURES

CHELAT ENERGY is an effective solution to correct iron chlorosis and deficiencies of Zinc, Manganese, Copper, Boron and Molybdenum. It also contains a high potassium content.

CHELAT ENERGY stands out for its high degree of chelation, synergistic action and great persistence in the face of deficiency symptoms. It exhibits a high efficiency and an optimal formulation, solved in a multistage application shortcomings.

CHELAT ENERGY guarantees maximum profitability and proven efficacy both in soil and foliar applications, and in preventive and curative treatments.

CHELAT ENERGY realizes a direct and balanced supply of active and functional iron inside the leaves; ensuring an increase in photosynthetic activity, stimulation of plant growth and an increase in production.



| GUARANTEED ANALYSIS                            | (% M/M) |
|------------------------------------------------|---------|
| Iron (Fe) soluble in water                     | 6,50%   |
| Iron (Fe) - EDDHA soluble in water             | 0,55%   |
| Manganese (Mn) - water soluble EDTA            | 3,50%   |
| Zinc (Zn) - water soluble EDTA                 | 0,70%   |
| Copper (Cu) - EDTA soluble in water            | 0,28%   |
| Boron (B) in mineral form and soluble in water | 0,65%   |
| Molybdenum (Mo) soluble in water               | 0,30%   |
| Potassium (K <sub>2</sub> O) soluble in water  | 15,00%  |

## APPLICATION

The application doses of CHELAT ENERGY will vary according to the intensity of the deficiencies, the development of the crop, the climatic conditions and the time in which what the application is made.

## MAGNOSUPREM 170



### FEATURES

MAGNOSUPREM 170 is a formulation based on manganese and zinc. MAGNOSUPREM 170 is a corrector of manganese and zinc deficiencies easily assimilated by the plant, so the results are not long in coming. It favors the process of photosynthesis, protein synthesis and the different respiratory mechanisms of the plant. Enhance crop plant growth. MAGNOSUPREM 170 increases crop flora and stimulates nitrogen mobility, thus obtaining superior quality pollen. At the same time, it also favors fruit set. With MAGNOSUPREM 170, the nutritional status of the plants is optimal, increasing the quantity and quality of the final harvest.

| GUARANTEED ANALYSIS             | (% M/M) |
|---------------------------------|---------|
| Manganese (Mn) soluble in water | 17,00%  |
| Zinc (Zn) soluble in water      | 28,00%  |

## CHELAT CU 70



### FEATURES

CHELAT CU 70 is a copper chelated in EDTA form in a soluble liquid form. CHELAT CU 70 is indicated to prevent and correct states of copper deficiency. The Cu it provides is fully chelated, so assimilation is faster and more efficient and release is slower and longer lasting. Furthermore, it is stable in a wide range. pH and soluble (total and instant solubility in any type of water). CHELAT CU 70 activates numerous enzymes that intervene in the stabilization of the chlorophyll formation process, in the metabolism of proteins and in the symbiotic fixation of atmospheric nitrogen. It favors the mobilization of the Cu and therefore the integration of this in the metabolism of the plant.

| GUARANTEED ANALYSIS                                     | (% M/M) |
|---------------------------------------------------------|---------|
| Copper (Cu) soluble in water                            | 7,00%   |
| Chelating agent: ethylenediaminetetraacetic acid (EDTA) |         |

## APPLICATION

CHELAT CU 70 was created for use in specific moments of plant development and for a greater supply of Copper to the plant; favoring the formation, budding, development of buds, leaves, flowering and vigor of the plant

## CHELAT-IRON 66



### FEATURES

CHELAT-IRON 66 is a chelated manganese, chelated with ethylenediaminetetraacetic acid (EDTA). It looks like a pink soluble liquid. The chelated fraction remains stable in a pH range between 3 and 11 therefore, the product CHELAT-IRON 66 is a very effective corrector for manganese deficiency. Manganese It is involved in numerous actions of the plant such as photosynthesis, in the respiration mechanisms of the plant and redox enzymatic systems. In addition, it facilitates root development and is involved in protein synthesis as well as in the growth of plant cells.

CHELAT-IRON 66 effectively treats manganese deficiency by direct application to the soil or by foliar spray. It is involved in the formation of chlorophyll and carbohydrates, as well as in their breakdown.

| GUARANTEED ANALYSIS                                     | (% M/M) |
|---------------------------------------------------------|---------|
| Manganese (Mn) soluble in water                         | 6,60%   |
| Chelating agent: ethylenediaminetetraacetic acid (EDTA) |         |

## APPLICATION

CHELAT-IRON 66 is a product of rapid assimilation, applicable by foliar application and also by fertigation. Manganese is needed in photosynthesis and in the metabolism of N and carbohydrates.

## CHELAT-FERRO 41



### FEATURES

CHELAT-FERRO 41 es un corrector de carencias de hierro, especialmente estudiado para aplicación foliar, hidropnia y fertirrigación en forma de líquido soluble. Es específico para la prevención y el tratamiento del amarilleamiento foliar debido a la carencia de hierro de las plantas (clorosis férrica). Solución de quelato de hierro de alta calidad y de eficacia inmediata. CHELAT-FERRO 41 es un producto que está específicamente formulado para aportar la dosis de hierro que necesitan las plantas. Ideal para todo tipo de plantas. Se recomienda especialmente para plantas.

| GUARANTEED ANALYSIS                                       | (% M/M) |
|-----------------------------------------------------------|---------|
| Hierro (Fe) soluble en agua                               | 4,10%   |
| Agente quelatante: Ácido etilendiaminotetraacético (EDTA) |         |

## APPLICATION

CHELAT-IRON 66 es un producto asimilable en corto tiempo, aplicable foliarmente y también por fertirrigación. El Manganeseo es necesario en la fotosíntesis y en el metabolismo del N y los hidratos de carbono.



## CHELAT-260



### FEATURES

CHELAT-260 is a zinc chelated with EDTA (ethylenediaminetetraacetic) acid. The chelated fraction remains stable in a pH range of 3-12, and is therefore a very effective zinc deficiency corrector. It comes in the form of a soluble liquid. Zinc is an essential micronutrient in the activation of enzymes and in the synthesis and storage of plant growth hormones (auxins). Participates in protein synthesis and increases photosynthesis.

CHELAT-260 is specially formulated to prevent and correct zinc deficiency states. With the CHELAT-260 app it prevents the loss of apical dominance, internervial chlorosis and the reduction of the size of leaves, internodes and plants in general.

### GUARANTEED ANALYSIS

(% M/M)

Zinc (Zn) soluble in water

6,00%

Chelating agent: ethylenediaminetetraacetic acid (EDTA)

### APPLICATION

CHELAT-260 is needed as a growth regulator and for protein synthesis. The main symptoms of zinc deficiency are short internodes, small yellow leaves on young shoots. It can be applied by foliar application and by fertigation.

## CHELAT CAO800



### FEATURES

CHELAT CAO800 is a corrector of calcium deficiencies. Fertilizing chelated with ethylenediaminetetraacetic acid (EDTA).

CHELAT CAO800 is present in soluble liquid form. The fraction that is permanently stable in a pH range of 6-14 for that CHELAT CAO800 is a calcium corrector very effective.

Calcium is an essential nutrient for plants. It plays an important role in the absorption of nutrients, in the growth and in the development of the same. It is found in the cell walls of plant tissues being transported mainly by the xylem.

The availability of calcium is directly related to the transpiration of the plants.

CHELAT CAO800 is specially formulated to correct calcium needs in the plant. For this reason, its use is recommended from the beginning of the fall of petals until 1/3 of the size of the fruit. It would also be convenient in stages of rapid growth.

### GUARANTEED ANALYSIS

(% M/M)

Calcium (CaO) soluble in water

8,00%

Chelating agent: ethylenediaminetetraacetic acid (EDTA)

### APPLICATION

CHELAT CAO800 is applied above all to plants that are demanding in calcium, because its deficiency causes alterations (bitter core of the apple tree, burning of the lettuce tip, tomato apical spot, etc.).

## CHELAT M HS



### FEATURES

Plants need molybdenum for the chemical changes associated with nitrogen nutrition, nitrogen metabolism within the plant, especially in the synthesis of amino acids and certain enzymes. In the non-legumes, molybdenum helps plants to properly use nitrates taken from the soil. If there is a deficiency in science, nitrates accumulate in the leaves and the plant is unable to make proteins, leading to slow development and symptoms similar to nitrogen deficiency. In legume crops, the molybdenum is also essential for bacteria in root nodules (rhizobia) to fix atmospheric nitrogen. Legume plants are particularly fond of molybdenum, as they need more of this element to fix nitrogen than to use nitrates.

Advantages of CHELAT M HS :

- Easy to use.
- It is totally soluble in water.
- Easily assimilated by the plant.
- It can be applied both by roots and by leaves.
- Helps legumes to increase nitrogen fixation by Rhizobium bacteria present in its roots.

### GUARANTEED ANALYSIS

(% M/M)

Manganese (Mn) soluble in water

5,00%

Chelating agent: ethylenediaminetetraacetic acid (EDTA)

45,00%

### APPLICATION

It is advisable to apply CHELAT M HS in woody crops before and after pruning and during fruit thickening or, on the vine, at the beginning of veraison; yes in herbaceous plants during the first part of the biological cycle, before and after flowering, at the beginning of fattening or fruit formation. In case of foliar application, it is advisable to wet the underside of the leaves well and carry out the treatment in periods of high humidity.

## CHELAT-CU 140



### FEATURES

CHELAT-CU 140 is a fertilizer in GEL formulation with chelated micronutrients that contains 14% (140 g / l) of Copper (Cu) for foliar application to prevent and treat copper deficiency in a wide range of crops.

Features and Benefits

- High chelated concentration in the GEL formulation
  - Chelated form with EDTA
  - Formulated for foliar spray applications
  - Good mixing capacity in the tank
  - High efficiency and optimal formulation
- The GEL formulation allows you to easily dose, pour and mix the product in the spray tank. The product is specifically formulated to provide maximum crop safety. This helps to make sure that the application does not cause damage to the crop.
- Micronutrient protection against precipitation in a moderate pH range (pH 4-6.5)
  - Blue GEL, powder-free product
  - No compress
  - Easily and quickly soluble in water
  - Compatible with most water soluble fertilizers



Copper acts as a catalyst for numerous enzymatic reactions, is part of the oxidase of ascorbic acid, phenol and cytochrome as well as the electron transport system of photosynthesis. It favors the utilization of nitrogen, protein synthesis and acts as a stabilizer of chlorophyll. Copper deficiency manifests itself with necrosis on the leaves. As a result, fruit quality and abnormal development and coloring can be seen in the affected plants.

CHELAT-CU 140 is a novel formulation that allows rapid absorption and availability of copper within the plant, maximizing the cacy efficiency of applications.

| GUARANTEED ANALYSIS                                     | (% M/M) |
|---------------------------------------------------------|---------|
| Copper (Cu) soluble in water                            | 14,00%  |
| Chelating agent: ethylenediaminetetraacetic acid (EDTA) |         |

## APPLICATION

CHELAT-CU 140 was created for use in specific moments of plant development and for a greater supply of Copper to the plant; favoring the formation, budding, development of buds, leaves, flowering and vigor of the plant

## CHELAT-GEL 150



### FEATURES

CHELAT-GEL 150 is a fertilizer in GEL formulation with chelated micronutrients that contains 15% (150 g / L) Manganese (Mn) for foliar application to prevent and treat Manganese deficiency in a wide range of crops.

#### Features and Benefits

- High chelated concentration in the GEL formulation
- Chelated form with EDTA
- Formulated for foliar spray applications
- Good mixing capacity in the tank
- High efficiency and optimal

formulation The GEL formulation allows you to easily dose, pour and mix the product in the spray tank. The product is specifically formulated to provide maximum crop safety. This helps to make sure that the application does not cause damage to the crop.

- Micronutrient protection against precipitation in a moderate pH range (pH 4-6.5)
- GEL formulation, powder-free product
- No compress
- Easily and quickly soluble in water
- Compatible with most water-soluble fertilizers

Manganese participates in photosynthesis, plant respiration mechanisms and numerous redox enzyme systems. It promotes root development and intervenes in the synthesis of proteins and in the growth of plant cells.

CHELAT-GEL 150 prevents and corrects states of manganese deficiency. It is involved in numerous metabolic processes as well as in the synthesis of proteins and in the formation of sugars. Therefore, it is essential to improve crops. It is a fast-absorbing fertilizer both through the leaves and through the roots.

| GUARANTEED ANALYSIS                                     | (% M/M) |
|---------------------------------------------------------|---------|
| Manganese (Mn) soluble in water                         | 15,00%  |
| Chelating agent: ethylenediaminetetraacetic acid (EDTA) |         |

## APPLICATION

CHELAT-GEL 150 is indicated to prevent and correct Manganese deficiencies, intervening in numerous metabolic processes.

## CHELAT-GOLD 15



### FEATURES

CHELAT-GOLD 15 is a fertilizer in GEL formulation with chelated micronutrients that contains 15% (150 g / L) Calcium (CaO) for foliar application to prevent and treat calcium deficiency in a wide range of crops.

#### Features and benefits

- High chelated concentration in the GEL formulation
- Chelated form with EDTA
- Formulated for foliar spray applications
- Good mixing capacity in the tank
- High efficiency and optimal

formulation The GEL formulation allows you to easily dose, pour and mix the product in the tank spray. The product is specifically formulated to provide maximum crop safety. This helps to make sure that the application does not cause damage to the crop.

- Micronutrient protection against precipitation in a moderate pH range (pH 4-6.5)
- GEL formulation, powder-free product
- No compress
- Easily and quickly soluble in water
- Compatible with most water
- soluble fertilizers CHELAT-GOLD 15 brings a high concentration of Calcium to the crop. Calcium plays an important role in all stages of the plant's life. It is essential for growth (from germination to fruit ripeness). Calcium allows plant tissues to be more resistant. A calcium deficiency occurs due to its reduced mobility. Apical necrosis, bitter pit, cracking or cracking of fruit and premature ripening are examples of defi - sciences of football.

| GUARANTEED ANALYSIS                                     | (% M/M) |
|---------------------------------------------------------|---------|
| Calcium (CaO) soluble in water                          | 15,00%  |
| Chelating agent: ethylenediaminetetraacetic acid (EDTA) |         |

## APPLICATION

CHELAT-GOLD 15 is indicated to prevent and correct calcium deficiencies, stimulating the growth of crops.



## CHELAT SUPREM 150



### FEATURES

CHELAT SUPREM 150 is a fertilizer in GEL formulation with chelated micronutrients that contains 15% (150 g / L) of Manganese (Mn) for foliar application to prevent and treat Manganese deficiency in a wide range of crops.

#### Features and Benefits

- High chelated concentration in the GEL formulation
- Chelated form with EDTA
- Formulated for foliar spray applications
- Good mixing capacity in the tank
- High efficiency and optimal

formulation The GEL formulation allows you to easily dose, pour and mix the product in the spray tank. The product is specifically formulated to provide maximum crop safety. This helps to make sure that the application does not cause damage to the crop.

- Micronutrient protection against precipitation in a moderate pH range (pH 4-6.5)
- GEL formulation, powder-free product
- No compress
- Easily and quickly soluble in water
- Compatible with most water-soluble fertilizers

Manganese participates in photosynthesis, plant respiration mechanisms and numerous redox enzyme systems. Promotes root development and is involved in protein synthesis and growth of plant cells CHELAT SUPREM 150 prevents and corrects states of manganese deficiency. It is involved in numerous metabolic processes as well as in the synthesis of proteins and in the formation of sugars. For all this it is essential to improve crops. It is a fast absorbing fertilizer both through the leaves and roots.

### GUARANTEED ANALYSIS

(% M/M)

|                                                         |        |
|---------------------------------------------------------|--------|
| Manganese (Mn) soluble in water                         | 15,00% |
| Chelating agent: ethylenediaminetetraacetic acid (EDTA) |        |

### APPLICATION

CHELAT SUPREM 150 is indicated to prevent and correct Manganese deficiencies, intervening in numerous metabolic processes.

## CHELAT ENERGY PLUS



### FEATURES

CHELAT ENERGY PLUS is a fertilizer in GEL formulation with micronutrients chelated with ethylenediaminetetraacetic acid (EDTA) for foliar application to prevent and treat deficiencies of Boron, Copper, Iron, Manganese, Molybdenum and Zinc in a wide range of crops.

#### Features and Benefits

- High chelated concentration in the GEL formulation
- Chelated form with EDTA
- Formulated for foliar spray applications
- Good mixing capacity in the tank
- High efficiency and optimal

formulation The GEL formulation allows you to easily dose, pour and mix the product in the spray tank.

The product is specifically formulated to provide maximum crop safety. This helps to make sure that the application does not cause damage to the crop.

- Micronutrient protection against precipitation in a moderate pH range (pH 4-6.5)
- GEL formulation, powder-free product
- No compress
- Easily and quickly soluble in water
- Compatible with most water-soluble fertilizers

CHELAT ENERGY PLUS provides the right concentrations of trace elements. Hence, these do not interact with each other and can be absorbed by the plant. Furthermore, the chelation of nutrients favors the assimilation of the same by the plant. It is a stable fertilizer over a wide pH range and compatible with most plant protection products. CHELAT ENERGY PLUS, being an abundant and balanced source of micronutrients, is effective in the prevention and treatment of microelement deficiencies.

### GUARANTEED ANALYSIS

(% M/M)

|                                                         |       |
|---------------------------------------------------------|-------|
| Boron (B) soluble in water                              | 0,65% |
| Copper (Cu) soluble in water                            | 0,40% |
| Iron (Fe) soluble in water                              | 7,50% |
| Manganese (Mn) soluble in water                         | 3,00% |
| Molybdenum (Mo) soluble in water                        | 0,20% |
| Zinc (Zn) soluble in water                              | 5,00% |
| Chelating agent: ethylenediaminetetraacetic acid (EDTA) |       |

### APPLICATION

CHELAT ENERGY PLUS maintains the adequate concentration of micronutrients in the plant, especially in crops that require a lot of Iron, Manganese and Zinc.

## CHELAT ZU-FE



### FEATURES

CHELAT ZU-FE is a fertilizer in GEL formulation with micronutrients chelated with ethylenediaminetetraacetic acid (EDTA) for foliar application to prevent and treat deficiencies of Copper, Iron, Manganese, Molybdenum and Zinc in a wide range of crops.

#### Features and Benefits

- High chelated concentration in the GEL formulation
- Chelated form with EDTA
- Formulated for foliar spray applications
- Good mixing capacity in the tank
- High efficiency and optimal

formulation The GEL formulation allows you to easily dose, pour and mix the product in the spray tank.

The product is specifically formulated to provide maximum crop safety. This helps to make sure that the application does not cause damage to the crop.

- Protection of the micronutrient against precipitation in a moderate pH range (pH 4-6.5)
- Formulation in GEL, product without powder
- No compress
- Easily and quickly soluble in water
- Compatible with most water soluble fertilizers



CHELAT ZU-FE provides the appropriate concentrations of trace elements. In this way they do not interact with each other and can be absorbed by the plant. Furthermore, the chelation of nutrients favors their assimilation by the plant. It is a stable fertilizer over a wide pH range and compatible with most plant protection products.

CHELAT ZU-FE, being an abundant and balanced source of micronutrients, is effective in the prevention and treatment of microelement deficiency states.

| GUARANTEED ANALYSIS                                     | (% M/V) |
|---------------------------------------------------------|---------|
| Copper (Cu) soluble in water                            | 0,40%   |
| Iron (Fe) soluble in water                              | 7,50%   |
| Manganese (Mn) soluble in water                         | 3,00%   |
| Molybdenum (Mo) soluble in water                        | 0,19%   |
| Zinc (Zn) soluble in water                              | 5,00%   |
| Chelating agent: ethylenediaminetetraacetic acid (EDTA) |         |

## APPLICATION

CHELAT ZU-FE maintains the adequate concentration of micronutrients in the plant, especially in crops that require a lot of Iron, Manganese and Zinc.

## CHELAT-BORO PH



### FEATURES

CHELAT-BORO PH is a fertilizer in GEL formulation with micronutrients chelated with ethylenediaminetetraacetic acid (EDTA) for foliar application to prevent and treat deficiencies of Boron, Copper, Iron, Manganese, Molybdenum and Zinc in a wide range of crops.

Features and Benefits

- High chelated concentration in the GEL formulation
- Chelated form with EDTA
- Formulated for foliar spray applications
- Good mixing capacity in the tank
- High efficiency and optimal

formulation The GEL formulation allows you to easily dose, pour and mix the product in the spray tank.

The product is specifically formulated to provide maximum crop safety. This helps to make sure that the application does not cause damage to the crop.

- Micronutrient protection against precipitation in a moderate pH range (pH 4-6.5)
- GEL formulation, powder-free product
- No compress
- Easily and quickly soluble in water
- Compatible with most water

- soluble fertilizers CHELAT-BORO PH provides the appropriate concentrations of trace elements. In this way they do not interact with each other and can be absorbed by the plant. Furthermore, the chelation of nutrients favors their assimilation by the plant. It is a stable fertilizer over a wide pH range and compatible with most plant protection products.

CHELAT-BORO PH, being an abundant and balanced source of micronutrients, is effective in the prevention and treatment of states lacking in microelements.

| GUARANTEED ANALYSIS                                     | (% M/M) |
|---------------------------------------------------------|---------|
| Boron (B) soluble in water                              | 0,23%   |
| Copper (Cu) soluble in water                            | 0,06%   |
| Iron (Fe) soluble in water                              | 0,60%   |
| Manganese (Mn) soluble in water                         | 0,50%   |
| Molybdenum (Mo) soluble in water                        | 0,03%   |
| Zinc (Zn) soluble in water                              | 0,23%   |
| Chelating agent: ethylenediaminetetraacetic acid (EDTA) |         |

## APPLICATION

CHELAT-BORO PH maintains the right concentration of micronutrients in the plant. Provides the micronutrients needed for excellent rooting, godson and harness and offers greater protection against extreme situations.

## CHELAT CU 125



### FEATURES

CHELAT CU 125 is a fertilizer in GEL formulation with micronutrients chelated with ethylenediaminetetraacetic acid (EDTA) for foliar application to prevent and treat deficiencies of Boron, Copper, Iron, Manganese, Molybdenum and Zinc in a wide range of crops.

Features and Benefits

- High chelated concentration in the GEL formulation
- Chelated form with EDTA
- Formulated for foliar spray applications
- Good mixing capacity in the tank
- High efficiency and optimal

formulation The GEL formulation allows you to easily dose, pour and mix the product in the spray tank. The product is specifically formulated to provide maximum crop safety. This helps to make sure that the application does not cause damage to the crop.

- Micronutrient protection against precipitation in a moderate pH range (pH 4-6.5)
- GEL formulation, powder-free product
- No compress
- Easily and quickly soluble in water
- Compatible with most water soluble fertilizers

CHELAT CU 125 provides the appropriate concentrations of trace elements. In this way they do not interact with each other and can be absorbed by the plant. Furthermore, the chelation of nutrients favors the assimilation of the same by the plant. It is a stable fertilizer over a wide pH range and compatible with most

plant protection products. CHELAT CU 125, being an abundant and balanced source of micronutrients, is effective in the prevention and treatment of microelement deficiency states

| GUARANTEED ANALYSIS                                     | (% M/V) |
|---------------------------------------------------------|---------|
| Boron (B) soluble in water                              | 0,53%   |
| Copper (Cu) soluble in water                            | 0,12%   |
| Iron (Fe) soluble in water                              | 1,20%   |
| Manganese (Mn) soluble in water                         | 1,00%   |
| Molybdenum (Mo) soluble in water                        | 0,05%   |
| Zinc (Zn) soluble in water                              | 0,46%   |
| Chelating agent: ethylenediaminetetraacetic acid (EDTA) |         |



## APPLICATION

CHELAT CU 125 maintains the correct concentration of micronutrients in the plant. Provides the micronutrients needed for a great rooted, godson and enclosed and offers greater protection against extreme situations.

## CHELAT COMBI GOLD



### FEATURES

CHELAT COMBI GOLD is a fertilizer in GEL formulation with micronutrients chelated with ethylenediaminetetraacetic acid (EDTA) for foliar application to prevent and treat deficiencies of Boron, Copper, Iron, Manganese, Molybdenum and Zinc in a wide range of crops.

#### Features and Benefits

High chelated concentration in the GEL formulation

- Chelated form with EDTA
- Formulated for foliar spray applications
- Good mixing capacity in the tank
- High efficiency and optimal

formulation The GEL formulation allows you to easily dose, pour and mix the product in the spray tank.

The product is specifically formulated to provide maximum crop safety. This helps to make sure that the application does not cause damage to the crop.

- Micronutrient protection against precipitation in a moderate pH range (pH 4-6.5)
- GEL formulation, powder-free product
- No compress
- Easily and quickly soluble in water
- Compatible with most water-soluble fertilizers

CHELAT COMBI GOLD provides the right concentrations of trace elements. Hence, these do not interact with each other and can be absorbed by the plant.

Furthermore, the chelation of nutrients favors the assimilation of the same by the plant. It is a stable fertilizer over a wide pH range and compatible with most plant protection products.

CHELAT COMBI GOLD, being an abundant and balanced source of micronutrients, is effective in the prevention and treatment of states deficient in microelements.

### GUARANTEED ANALYSIS

(% M/V)

|                                                         |       |
|---------------------------------------------------------|-------|
| Boron (B) soluble in water                              | 0,22% |
| Copper (Cu) soluble in water                            | 0,03% |
| Iron (Fe) soluble in water                              | 2,50% |
| Manganese (Mn) soluble in water                         | 0,65% |
| Molybdenum (Mo) soluble in water                        | 0,03% |
| Zinc (Zn) soluble in water                              | 0,20% |
| Chelating agent: ethylenediaminetetraacetic acid (EDTA) |       |

## APPLICATION

CHELAT COMBI GOLD maintains the correct concentration of micronutrients in the plant. Provides the micronutrients needed for a super rooted, godson and enclosed and offers greater protection against extreme situations.

## CHELAT B-ZN ACTIVE



### FEATURES

CHELAT B-ZN ACTIVE is a foliar fertilizer that combines Boron and Zinc in balanced proportions in order to improve the production, prevent or correct any deficiencies in our crops.

CHELAT B-ZN ACTIVE is a product particularly suitable for crops sensitive to these deficiencies thanks to the double preventive and curative action that it exerts with great effectiveness. CHELAT B-ZN ACTIVE associates some elements with high solubility in water and rapidly assimilated by the leaves. It is again a generation fertilizer, equipped with an acidifying effect on the spray mixture.

CHELAT B-ZN ACTIVE has a particularly not aggressive formulation, being able to be applied in the sensitive periods of the plant, which they correspond to periods of strong growth and important needs.

CHELAT B-ZN ACTIVE, an effective foliar and root action, thanks to its active pH formulation:

- Acidifies and stabilizes the pH (buffering power).
- Solubilizes the nutrients present in the leaf.
- Particularly suitable for hard and / or calcareous waters.

### GUARANTEED ANALYSIS

(% M/M)

|                            |        |
|----------------------------|--------|
| Boron (B) soluble in water | 13,00% |
| Zinc (Zn) soluble in water | 5,00%  |

## CHELAT 15%



### FEATURES

- Efficient solution of highly soluble and assimilable boron ethanolamine for crops.
- Optimal stability of boron; favoring its absorption through the leaf cuticle.
- Ensures the mobility and translocation of Boron towards the inside of the implant.
- CHELAT 15% is essential for correct flowering, fertilization and fruit development.

### GUARANTEED ANALYSIS

(% M/M)

(% M/V)

|                            |        |        |
|----------------------------|--------|--------|
| Boron (B) soluble in water | 11,00% | 15,40% |
|----------------------------|--------|--------|

## SUGARSTIM 150



### FEATURES

SUGARSTIM 150 is a solvent-free natural sodium borate. Product specially adapted for the application of boron to the ground as a background or cover. Importance of boron in cultivation: Boron plays an essential role in the germination of pollen grains.

A lack of boron causes a significant drop in production.

SUGARSTIM 150 stimulates the transport of sugars inside trees. You act decisively in cell division, whereby the lack of boron causes the formation of cancers in the bark, "witch's brooms" and problems in the quality of the fruit. Boron has a direct effect on the assimilation of calcium.

### GUARANTEED ANALYSIS

(% M/M)

|                            |        |
|----------------------------|--------|
| Boron (B) soluble in water | 15,00% |
|----------------------------|--------|



## GROWBORO 208



### FEATURES

Boron is an essential microelement in plant metabolism, providing an important structural and essential factor in plant growth. It plays an important role in cell division and therefore in growth. It is involved in the metabolism of nucleic acids and carbohydrates. Promotes the absorption of cations and water. It is involved in the assimilation of phosphorus and in the synthesis of B-complex vitamins in plants. GROWBORO 208 favors flowering, pollination, fruit set and therefore also fruiting. Plants more resistant to adverse situations are obtained. Consequently, with the application of GROWBORO 208, it improves the general state of the plant and the various metabolic processes of the same, thus obtaining a higher quality crop.

### GUARANTEED ANALYSIS

|                            | (% M/M) |
|----------------------------|---------|
| Boron (B) soluble in water | 20,80%  |

## BOROTOP 18%



### FEATURES

Boron is an essential microelement in plant metabolism, providing an important structural and essential factor in plant growth. It plays an important role in cell division and therefore in growth. It is involved in the metabolism of nucleic acids and carbohydrates. Promotes the absorption of cations and water. It is involved in the assimilation of phosphorus and in the synthesis of B vitamins in plants. BOROTOP 18% promotes flowering, pollination, fruit set and therefore also fruiting. Plants get more resistant to adverse situations. Consequently, with the application of BOROTOP 18%, the general state of the plant improves and the various metabolic processes of the same are favored, thus obtaining a harvest superior and quality.

#### Root pathway

The element boron (B) is absorbed as a cation  $B(OH)_3$  or anion  $B(OH)_4^-$  - borate, by the roots when soil properties such as texture, organic matter, pH and moisture are appropriate.

#### Leaf

path Boron is absorbed through the leaves via stomata, cuticles and ectodesm. Boron enters the stomata when it carries out gas exchange ( $O_2 / CO_2$ ) in the process of breathing and sweating. The second way is from the cuticle; Once boron has penetrated the cuticle, it penetrates the cell walls of the leaves through the ectodesms, which are spaces with a lower microfilm density and are located in the wall area. primary and secondary cells.

### GUARANTEED ANALYSIS

|                                                | (% M/M) |
|------------------------------------------------|---------|
| Boron (B) in mineral form and soluble in water | 18,00%  |

### APPLICATION

The use of BOROTOP 18% is recommended for the correction of:

- Brown heart and canker in brassicas.
- Small fruits on the vine.

- Incomplete fertilization in the pods of legumes. Poor fertilization of the grains at the apex of the ear of corn.
- Cork fruits in citrus fruits and excessive branches of olive shoots, etc.
- Fall and external cracks in apple, peach, plum and others.
- Bumps on papaya fruits.
- Thick peel and necrotic spots on citrus, pineapple, mango, etc.
- Deformations in carrot roots.
- Hollow heart in potato tubers.
- Deformation of pineapple fruits due to poor pollination.
- Deformation of the shoots in asparagus.
- Deformation of the fruit in the strawberry.
- Snail formation in the coffee.

## AGRI CALMAG DUO CA-MG



### CARACTERÍSTICAS

AGRI CALMAG DUO Ca-Mg is a concentrated solution of calcium and magnesium indicated to prevent and correct the deficiencies of these two elements in all types of crops.

AGRI CALMAG DUO Ca-Mg is used as a source of calcium and magnesium in plant nutrition programs. Its application prevents and controls calcium deficiencies aggravated by mild magnesium and boron deficiencies.

Regular foliar applications of AGRI CALMAG DUO Ca-Mg prevent the effects of deficiencies in calcium (apical necrosis, fruit breaking, early ripening) and magnesium (reduction of photosynthetic activity).

In this way, crops with better vegetative growth and higher yields are obtained.

### GUARANTEED ANALYSIS

|                                        | (% M/V) |
|----------------------------------------|---------|
| Calcium oxide (CaO) soluble in water   | 7,55%   |
| Magnesium oxide (MgO) soluble in water | 0,30%   |

### APPLICATION

AGRI MC.DUO is indicated to prevent and correct calcium and magnesium deficiencies, stimulating the growth of crops. Perform foliar applications or dilute in irrigation water. Apply at 2-3 week intervals using enough water to cover the crop.

## AGRI MC.DUO



### FEATURES

AGRI MC.DUO is a concentrated solution of calcium and magnesium indicated to prevent and correct the deficiencies of these two elements in all types of crops.

AGRI MC.DUO if used as a calcium and magnesium fuel in the vegetal nutritional program. On application it prevents and controls the deficiencies of calcium aggravated by mild deficiencies of magnesium and boron.

Las aplicaciones regulares por vía foliar de AGRI MC.DUO previenen los efectos de las carencias de calcio (necrosis apical, rajado de frutos, madurez prematura) and magnésicas (reducción de la actividad fotosintética). De esta manera, se obtienen cultivos with a mejor vegetative crecimiento y un mayor rendimiento en las cosechas.



| GUARANTEED ANALYSIS                    | (% P/V) |
|----------------------------------------|---------|
| Calcium oxide (CaO) soluble in water   | 10,00%  |
| Magnesium oxide (MgO) soluble in water | 5,00%   |

## APLICACIÓN

AGRI MC.DUO is indicated to prevent and correct calcium and magnesium deficiencies, stimulating the growth of crops. Perform foliar applications or dilute in irrigation water. Apply at 2-3 week intervals using enough water to cover the crop.

## AGRI 50



### FEATURES

AGRI 50 is a concentrated solution of boron, calcium and magnesium indicated to prevent and correct the deficiencies of these three elements in all types of crops.

AGRI 50 is used as a source of boron, calcium and magnesium in plant nutrition programs. Its application prevents and controls calcium deficiencies aggravated by mild magnesium and boron deficiencies.

Regular foliar applications of AGRI 50 prevent the effects of boron, calcium deficiencies (apical necrosis, cracked fruit, premature ripening) and magnesium (reduction of photosynthetic activity). In this way, crops with better vegetative growth and higher yields are obtained.

| GUARANTEED ANALYSIS              | (% M/V) |
|----------------------------------|---------|
| Boron (B) soluble in water       | 0,20%   |
| Calcium (CaO) soluble in water   | 10,00%  |
| Magnesium (MgO) soluble in water | 5,00%   |

## APPLICACION

AGRI 50 is indicated to prevent and correct the deficiencies of boron, calcium and magnesium, stimulating the growth of crops. Apply foliar applications or dilute in irrigation water

## SUPREM



### FEATURES

Thanks to the physical characteristics of SUPREM it is possible to optimize the absorption of nutrients and a longer stay of the product on the sheet, in order to lengthen the period of effectiveness of the application.

Calcium is a little mobile element inside the plant, so it is particularly important to apply it by foliar application. Not only is it an essential element for the correct development of plants (it plays an essential role in the formation of cell membranes) but it is also interesting for improving the storage capacity of fruits after harvest.

| GUARANTEED ANALYSIS  | (% M/V) |
|----------------------|---------|
| Total nitrogen (N)   | 15,00%  |
| Ammonia nitrogen (N) | 0,90%   |
| Nitrogen (N) Nitric  | 12,10%  |

|                                        |        |
|----------------------------------------|--------|
| Urea Nitrogen (N)                      | 2,00%  |
| Calcium oxide (CaO) soluble in water   | 22,50% |
| Magnesium oxide (MgO) soluble in water | 3,00%  |
| Boron (B) soluble in water             | 0,07%  |
| Copper (Cu) soluble in water           | 0,06%  |
| Iron (Fe) soluble in water             | 0,07%  |
| Manganese (Mn) soluble en agua         | 0,15%  |
| Molybdenum (Mo) soluble in water       | 0,00%  |
| Zinc (Zn) soluble in water             | 0,03%  |

## APPLICATION

SUPREM is indicated to prevent and correct calcium and magnesium deficiencies, stimulating the growth of crops. Apply foliar applications or dilute in irrigation water.

## ZINC BORO FLOW



### FEATURES

ZINC BORO FLOW is a formula with a high content of boron and zinc, ZINC BORO FLOW prevents and corrects states of deficiency of boron and zinc, increases the vitality of the plant, makes it more resistant to possible diseases and stimulates the growth and development of the plant .

It favors the carrying out of various enzymatic processes.

ZINC BORO FLOW improves the development of photosynthesis. It promotes the formation of secondary roots as well as the conversion of nitrogen into forms that can be assimilated by the plant. With ZINC BORO FLOW the plants develop in an optimal way, in order to reduce production losses.

| GUARANTEED ANALYSIS        | (% M/V) |
|----------------------------|---------|
| Boron (B) soluble in water | 5,00%   |
| Zinc (Zn) soluble in water | 8,00%   |

## APPLICATION

The mode of action of ZINCBORO FLOW is constituted by the sum of the preventive and curative effects provided by the microelements present in its formulation. Taken together, ZINCBORO FLOW applications allow a rapid correction of nutritional deficiencies and stimulate plant recovery.

## CORRECTOR PLUS 290



### FEATURES

A new generation of foliar fertilizers rich in calcium

- CORRECTOR PLUS 290 represents a 30% increase in the calcium content of the fruit.
- Greater production as a consequence of the greater weight of the fruit.
- Greater size and uniformity of the fruit.
- Greater resistance of the fruit in post-harvest.
- CORRECTOR PLUS 290 reduces russetting up to 10%, being very well tolerated by plants.
- More effective than other calcium-based fertilizers in Bitter-Pit.
- It is more effective against superficial sunburn and lenticellosis than calcium nitrate and chloride.
- The application of CORRECTOR PLUS 290 in veraison means greater conservation in the chamber.
- CORRECTOR PLUS 290 prevents lenticellosis and blanching of fruits.



- It affects the first phase of growth of the fruit, obtaining a better closure of Paraguay.
- CORRECTOR PLUS 290 has synergistic effects with a positive action on various pathologies.
- CORRECTOR PLUS 290 reduces sensitivity to cracking in fruit.
- CORRECTOR PLUS 290 can be applied all year round.
- Increase of the calcium concentration in the fruit with the application of CORRECTOR PLUS 290 .
- CORRECTOR PLUS 290 can be mixed with other phytosanitary products, preserving different synergy effects .

| GUARANTEED ANALYSIS                  | (% M/M) |
|--------------------------------------|---------|
| Calcium (Ca) soluble in water        | 29,00%  |
| Calcium oxide (CaO) soluble in water | 40,60%  |
| NOC (Natural Organic Complex)        |         |

## CORRECTOR PLUS B-340



### FEATURES

High efficiency calcium corrector for foliar application in various crops.

Formulation specially designed for optimal foliar absorption.

Calcium (Ca) is an element present in cells, forming part of the structure of the walls and membranes of the same, being essential for the absorption of nutritional elements and is also essential for the normal development of any growth organ such as roots, shoots , fruits, etc.

A calcium deficiency can be at the origin of various physiological problems such as the bitter pit of apples, the tip burn of lettuce, cabbage and strawberry (hollow heart), the "peseta" in tomato and pepper, the bifurcation of the beet root, black heart of celery, dropping of the capsule in the cotton, cracking of the fruits, etc ...

Calcium is an important element, especially as regards the quality of the fruits and leaves, increasing their hardness, their good presence and shelf life.

The application of calcium by foliar application, with the help of NOC Natural Organic Complexant) present in the formulation of CORRECTOR PLUS B-340it increases the concentration in the fruits and in the green parts, improving their firmness and quality in post-harvest.

The formulation of CORRECTOR PLUS B-340 ensures a good assimilation of Calcium in the plant.

| GUARANTEED ANALYSIS           | (% M/M) |
|-------------------------------|---------|
| Calcium (Ca) soluble in water | 34,00%  |
| Boron (B) soluble in water    | 2,00%   |
| NOC (Natural Organic Complex) |         |

## CORRECTOR-MICRO 560



### FEATURES

CORRECTOR-MICRO 560 ensures maximum profitability and proven efficacy in both preventive and curative treatments, obtaining a direct and balanced increase in active and functional calcium; ensuring a correct metabolism and better quality and post-harves life of the fruits.

CORRECTOR-MICRO 560 is a product with a unique formulation with a great wealth of highly assimilable calcium.

- The Calcium present in its formulation is protected by an organic complex that improves its transport to the plant tissues.

- It also contains soluble Boron and Zinc, solved in a single application different states of deficiency.

CORRECTOR-MICRO 560 is particularly suitable for correcting and preventing deficiencies in

Calcium: apical necrosis of tomatoes, apical rot in peppers, tip burning in leafy crops such as lettuce, es-carola, Chinese cabbage; black heart of celery, bitter pit in apple tree, cracking in stone fruit, cracking or pitting of citrus, brown pear bark, purple spot of medlar; beet bifurcation and strawberry tip burn.

| GUARANTEED ANALYSIS                                     | (% M/M) |
|---------------------------------------------------------|---------|
| Calcium oxide (CaO) soluble in water                    | 34,00%  |
| Furnished (HCOO-)                                       | 56,00%  |
| Boron (B) soluble in water                              | 0,82%   |
| Zinc (Zn) soluble in water and chelated with EDTA       | 1,72%   |
| Chelating agent: ethylenediaminetetraacetic acid (EDTA) |         |

### APPLICATION

CORRECTOR-MICRO 560 can be applied in all types of crops and is particularly suitable for its application in fertigation or drip irrigation.

Apply CORRECTOR-MICRO 560 in crops with high calcium, boron and zinc deficiencies.

## ROYAL 100



### FEATURES

ROYAL 100 is a soluble powder (SP) formulated with calcium complexed with amino acids, enriched with boron. Contains dispersants and special adhesives that facilitate the nebulization and penetration of the fertilizer; of this A greater assimilation of micronutrients is thus obtained.

ROYAL 100 improves the nutritional status of plants and promotes the stability of the soil structure. facilitates the transport of sugars across membranes and stimulates normal plant growth. It favors the optimal development of processes such as pollination, flowering or fruit set, among others.

ROYAL 100 prevents the appearance of cracked and plugged fruits, apical rot, necrosis of leaves and fruits, floral abortion.

| GUARANTEED ANALYSIS           | (% M/M) |
|-------------------------------|---------|
| Boron (B) soluble in water    | 10,00%  |
| Calcium (Ca) soluble in water | 17,00%  |
| Amino acids                   | 2,00%   |



## ROYALCUR 150



### FEATURES

ROYALCUR 150 is a soluble powder formulation (SP) of calcium and boron complexed with amino acids. Contains dispersants and special adhesives that facilitate the nebulization and penetration of the fertilizer; in this way, it achieves a greater assimilation of micronutrients.

ROYALCUR 150 improves the nutritional status of plants and promotes the stability of the soil structure. Easy transport of sugars across membranes and stimulates normal plant growth. It favors the optimal development of processes such as pollination, flowering or fruit set, among others.

ROYALCUR 150 prevents the appearance of cracked and plugged fruits, apical rot, leaf and fruit necrosis, floral abortion.

### GUARANTEED ANALYSIS

(% M/M)

|                               |        |
|-------------------------------|--------|
| Boron (B) soluble in water    | 15,00% |
| Calcium (Ca) soluble in water | 7,00%  |
| Amino acids                   | 2,00%  |

## ROYALZMB 170



### FEATURES

ROYALZMB 170 is a magnesium-based soluble powder formulation enriched with boron and zinc.

ROYALZMB 170 improves the nutritional status of plants and promotes the stability of the soil structure. Easy transport of sugars across membranes and stimulates normal plant growth. It favors the optimal development of processes such as pollination, flowering or fruit set, among others.

ROYALZMB 170 prevents the appearance of cracked and plugged fruits, apical rot, leaf and fruit necrosis, floral abortion.

Magnesium is part of chlorophyll, so it is involved in the photosynthesis process. this nutrient participates in numerous enzymatic actions.

It favors the assimilation of CO<sub>2</sub>, the absorption of P and the production of sugars. In addition, it participates in the respiration of the plant and in the synthesis of carbohydrates, proteins and lipids.

Zinc is an essential micronutrient in enzymatic activation and in the synthesis and storage of plant growth hormones (auxins). Participates in protein synthesis and improves photosynthesis.

Boron is a micronutrient with an important structural and essential role in plant growth. It is involved in the metabolism of nucleic acids and carbohydrates. Promotes the absorption of cations and water. This involved in the assimilation of phosphorus and in the synthesis of vitamins of the B complex in plants.

### GUARANTEED ANALYSIS

(% M/M)

|                                  |        |
|----------------------------------|--------|
| Boron (B) soluble in water       | 2,00%  |
| Zinc (Zn) soluble in water       | 5,00%  |
| Magnesium (MgO) soluble in water | 17,00% |

## BORIMAG 11



### FEATURES

BORIMAG 11 is a solid blend of Boron and Magnesium, totally soluble and ready to be immediately assimilated by the plant.

Boron is essential both in the production and fertilization of pollen, and in the vegetative vigor of the plant. Its This shortage appeared very late and in the meantime there is a gradual decrease in production.

Magnesium is part of the plant's chlorophyll. The lack of this element produces a reduction in photosynthetic activity, and consequently a decrease in production and quality, delaying the ripening of ripe fruits and their richness in fats, sugars and starches.

Sulfur is part of proteins as a constituent of sulfur amino acids. It is an essential element in the formation of nodules in legumes and crucifers.

### GUARANTEED ANALYSIS

(% M/M)

|                                                    |        |
|----------------------------------------------------|--------|
| Boron (B) soluble in water                         | 11,00% |
| Magnesium (MgO) soluble in water                   | 11,00% |
| Sulfur dioxide (SO <sub>3</sub> ) soluble in water | 24,00% |
| NOC (Natural Organic Complex)                      |        |

## BORIM GB 80



### FEATURES

BORIM GB 80 is a solid blend of Boron, Calcium and Magnesium, totally soluble and ready to be assimilated immediately by the plant.

Boron is essential both in the production and fertilization of pollen, and in the vegetative vigor of the plant. Its This shortage appeared very late and in the meantime there is a gradual decrease in production.

Calcium is an essential nutrient for plants. It plays an important role in nutrient absorption, growth and development. It is found in the cell walls of plant tissues and is mainly transported by xylem. Calcium availability is directly related to plant transpiration rates.

Magnesium is part of the plant's chlorophyll. The lack of this element produces a reduction in photosynthetic activity, and consequently a decrease in production and quality, delaying the ripening of ripe fruits and their richness in fats, sugars and starches.

### GUARANTEED ANALYSIS

(% M/M)

|                                  |        |
|----------------------------------|--------|
| Boron (B) soluble in water       | 8,00%  |
| Calcium (CaO) soluble in water   | 10,00% |
| Magnesium (MgO) soluble in water | 8,25%  |



## BORIMAG N13



### FEATURES

BORIMAG N13 is a solid blend of Boron, Calcium, Magnesium and Potassium, totally soluble and ready to be immediately assimilated by the plant.

BORIMAG N13 has a high potassium content, very suitable for the early stages of fruit growth, both in horticulture and fruit trees.

Boron is essential both in the production and fertilization of pollen, and in the vegetative vigor of the plant. Its This shortage appeared very late and in the meantime there is a gradual decrease in production.

Calcium is an essential nutrient for plants. It plays an important role in nutrient absorption, growth and development. It is found in the cell walls of plant tissues and is mainly transported by xylem. Calcium availability is directly related to plant transpiration rates.

Magnesium is part of the plant's chlorophyll. The lack of this element produces a reduction in the photosynthetic activity, and consequently a decrease in production and quality, delaying the ripening of ripe fruits and their richness in fats, sugars and starches.

### GUARANTEED ANALYSIS

(% M/M)

|                                  |        |
|----------------------------------|--------|
| Total nitrogen (N)               | 13,00% |
| Boron (B) soluble in water       | 1,00%  |
| Calcium (CaO) soluble in water   | 10,00% |
| Magnesium (MgO) soluble in water | 2,00%  |
| Potassium (K2O) soluble in water | 6,00%  |

## SPECIAL DOBLE VINE



### FEATURES

SPECIAL DOBLE VINE is a special potassium fertilizer with a high magnesium and sulfur content. The nutrients, in the form of sulphate, are soluble in water and are therefore immediately available to the plant.

SPECIAL DOBLE VINE can be used on any type of soil because it becomes available to the plant regardless of the pH of the soil.

SPECIAL DOBLE VINE guarantees a high dispersion quality. The spectrum of its particle size allows a high precision application in distribution and also when large dispersions are required. SPECIAL DOBLE VARIETY favors frequency and fruit setting. Increase yield and sugar content.

### ANÁLISIS GARANTIZADO

(% M/M)

|                                        |        |
|----------------------------------------|--------|
| Potassium oxide (K2O) soluble in water | 21,00% |
| Magnesium oxide (MgO) soluble in water | 20,00% |
| Sulfur dioxide (SO3) soluble in water  | 42,00% |

### APLICACIÓN

To determine the quantity to apply of SPECIAL DOUBLE SCREW , it is necessary to take into account the following factors:

- The potassium and magnesium requirements of the main crop, as well as the needs of the rotating crops.
- The ability of the soil to supply the plant with potassium and magnesium, as well as the dynamics of these elements in the soil.
- The nutritional needs of the different crops (eg demand for magnesium in potatoes, demand for sulfur in vegetables of the Brassica genus).
- The amount of nutrients applied through organic fertilizers

## CURE-PREVENT 160



### FEATURES

CURE-PREVENT 160 is a calcium deficiency corrector, it is presented as a liquid solution with a high concentration.

- Calcium function:

Calcium plays an important role in all stages of the plant's life. It is essential for growth (des-de-germination until the fruit ripens).

Calcium allows plant tissues to be more resistant.

- Its ultimate science:

Calcium deficiency occurs due to its poor mobility. Apical necrosis, bitter pit, cracking or cracking of fruit, and premature maturity are examples of calcium deficiencies.

ADVANTAGES OF THE SUPPLY OF CALCIUM

- Firm tissues are obtained, as it binds the pectates of the middle lamella of the cell wall.
- Helps with integrated fungal control as it inhibits pectolytic enzymes used by fungi to penetrate cells, such as polygalacturonase used by botrytis fungus among others.
- Prolongs the post-harvest life of fruit and vegetables by inhibiting pectolytic enzymes that degrade the cell wall and soften the fruit.
- Regulates respiratory activity and ethylene production.
- The incidence of physiological disorders decreases: bitter stone in apple trees, cork in pear trees, Palo negro in grapes, apical necrosis in tomatoes, peppers, cucumbers, watermelons and melons; stained cavities in carrots, black heart in celery, burnt tips in lettuce, internal burn (tip) in cabbage, internal necrosis in brussels cabbage and tuber necrosis in potatoes.

### GUARANTEED ANALYSIS

(% M/V)

|                                      |        |
|--------------------------------------|--------|
| Calcium oxide (CaO) soluble in water | 16,00% |
|--------------------------------------|--------|

### APPLICATION

CURE-PREVENT 160 is recommended to prevent and correct calcium deficiencies, stimulating crop growth and avoiding necrosis. apical, bitter pit, split or split fruit.



## FORZZA AC 800



### FEATURES

FORZZA AC 800 is a formula based on stable copper gluconate, easily absorbed and rapidly transposed into all plant organs (systemic product). It has been developed in such a way that it can cover several objectives at the same time: supply of copper and preserve the plant of anomalies derived from adversities which are predominantly abiotic. Its formulation allows good efficiency with low copper concentrations per hectare, which implies a reduction in waste and allows both foliar and root application. The copper gluconate contained in FORZZA AC 800 it passes easily through the cuticle catalyzing the biosynthesis of fibers. toalessine. These phytoalexins are mainly terpenic in nature (phaseolin, genistein, rishitin, pisatin, etc.).

Benefit:

- Rapid assimilation and translocation into the plant.
- High efficiency without exceeding the maximum limits allowed for copper.
- Greater resistance to washing in the rain.
- Greater degree of coverage.
- Ease of use thanks to its liquid formulation.
- Both foliar and root application.
- Systemic effect.

The FORZZA AC 800 complexed with Gluconic GH has the main differences:

- Penetrates into the plant, as it is a totally soluble product, so the application rates are very low, as the product is fully active.

The absorption of complex copper, compared to sulphate, has a higher efficiency (up to 10 times higher).

This penetration of the formulation allows the copper to act at the subcuticular level .

- Its foliar absorption efficiency is high compared to salts (sulphates), since the Cu + 2 ions are neutralized (with a neutral electric charge) when they are complexed.

This zero charge encourages copper to circulate freely in the outer surface of the cuticle and absorption occurs through its pores.

This absorption is very easy for the plant, since the copper does not adhere to the outer layer of the cuticle and is not toxic to the plant because it is applied at a very low concentration compared to sulphate (which usually burns).

### GUARANTEED ANALYSIS

(% M/V)

Copper (Cu) soluble in water  
Chelating agent: GH Gluconic

8,00%

### APPLICATION

The total number of applications will depend on the crop and the degree of disease or deficiency, in the range of doses for foliar application, for woody crops that use the highest rates in autumn and lowest in spring

FORZZA AC 800 can be applied both by foliar application than by irrigation, as it is easily absorbed by the plant. Its use is recommended for all types of crops. Its application is recommended in the growth stages most subject to needs.

## FORZZA CU 1000



### FEATURES

FORZZA Cu 1000 is a stable formula based on copper gluconate, easily absorbed and rapidly translocated to all plant organs (systemic product).

It was developed in order to simultaneously cover several objectives in the plant: supply copper and preserve the plant anomalies derived from predominantly abiotic adversities.

Its formulation allows good efficiency with low copper concentrations per hectare, which implies a reduction in residues and allows both foliar and root application.

Copper gluconate FORZZA Cu 1000 it passes easily through the cuticle catalyzing the biosynthesis of phytoalexins.

These phytoalexins are mainly terpenic in nature (phaseollin, genistein, rishitin, pisatin, etc.).

Benefit

- Rapid assimilation and translocation into the plant.
- High efficiency without exceeding the maximum limits allowed for copper.
- Greater resistance to washing in the rain.
- Greater degree of coverage.
- Ease of use thanks to its liquid formulation.
- Both foliar and root application.
- Systemic effect.

FORZZA Cu 1000 being complexed with Gluconic GH presents the main differences:

- It penetrates the plant, being a totally soluble product, with which the application rates are very low, because the product is completely active.

Compared to sulphate, the absorption of complexed copper has a higher efficiency (up to 10 times higher). This penetration of the formulation allows the copper to act at the subcuticular level.

- Its foliar absorption efficiency is high compared to salts (sulphates), since Cu + 2 ions remain neutralized (with a neutral electric charge)

when complexed. This zero charge promotes the circulation of copper freely from the outer surface of the cuticle and absorption occurs through its pores.

This absorption is very easy for the plant, since the copper does not adhere to the outer layer of the cuticle, and it is not toxic to the plant because it is applying at a very low concentration compared to sulfate (which usually burns)

### GUARANTEED ANALYSIS

(% M/V)

Copper (Cu) soluble in water  
Chelating agent: GH Gluconic

10,00%

### APPLICATION

The total number of applications will depend on the crop and the degree of disease or deficiency. Within the dosage range for foliar application, for woody crops use the highest in the fall and the lowest doses in the spring.

FORZZA Cu 1000 can be applied both by foliar and by irrigation, as it is easily absorbed by the plant.

Its use is recommended for all types of crops. Its application is recommended in the stages of the crop that are more subject to needs



## FORZZA GEL 1500



### FEATURES

FORZZA GEL 1500 is a formula based on stable copper gluconate, easily absorbed and rapidly translocated to all plant organs (systemic product). It was developed in order to simultaneously cover several objectives in the plant: supply copper and preserve the plant anomalies derived from predominantly abiotic adversities.

Its formulation allows good efficiency with low copper concentrations per hectare, which implies a reduction of residues and allows both foliar and root application. FORZZA GEL Copper Gluconate 1500 passes easily through the cuticle catalyzing the biosynthesis of phytoalexin.

These phytoalexins are mainly terpenic in nature (phaseollin, genistein, rishitin, pisatin, etc.).

Benefit

- Rapid assimilation and translocation into the plant.
- High efficiency without exceeding the maximum limits allowed for copper.
- Greater resistance to washing in the rain.
- Greater degree of coverage.
- Ease of use thanks to its liquid formulation.
- Both foliar and root application.
- Systemic effect.

FORZZA GEL 1500 , being complexed with Gluconic GH, has the main differences:

- It penetrates the plant, being a totally soluble product, with which the application rates are very low, because the product is completely active.

Compared to sulphate, the absorption of complexed copper has a higher efficiency (up to 10 times higher). This penetration of the formulation allows the copper to act at the subcuticular level .

- Its foliar absorption efficiency is high compared to salts (sulphates), since Cu + 2 ions remain neutralized (with a neutral electric charge) when complexed.

This zero charge promotes the circulation of copper freely from the outer surface of the cuticle and absorption occurs through its pores.

This absorption is very easy for the plant, since the copper does not adhere to the outer layer of the cuticle, and it is not toxic to the plant because it is applied at a very low concentration compared to sulfate (which usually burns).

### GUARANTEED ANALYSIS

(% M/V)

Copper (Cu) soluble in water

15,00%

Chelating agent: GH Gluconic

### APPLICATION

The total number of applications will depend on the crop and the degree of disease or deficiency. Within the dosage range for foliar application, for woody crops use the highest in the fall and the lowest doses in the spring.

FORZZA GEL 1500 can be applied both by foliar and by irrigation, as it is easily absorbed by the plant.

Its use is recommended for all types of crops. Its application is recommended in the cultivation phases most subject to needs.

## FORZZA 2000



### FEATURES

FORZZA 2000 is a stable formula based on copper gluconate, easily absorbed and rapidly translocated into all plant organs (systemic product). It was developed in order to simultaneously cover several objectives in the plant: supply copper and preserve the plant anomalies derived from predominantly abiotic adversities. Its formulation allows good efficiency with low copper concentrations per hectare, which implies a reduction in waste and allows both foliar and root application. The copper gluconate in FORZZA 2000 easily passes through the cuticle which catalyzes the biosynthesis of phytoalexins. These phytoalexins are mainly terpenic in nature.

(pollin phase, genistein, rishitin, pisatin, etc.).

Benefit

- Rapid assimilation and translocation into the plant.
- High efficiency without exceeding the maximum limits allowed for copper.
- Greater resistance to washing in the rain.
- Greater degree of coverage.
- Ease of use thanks to its liquid formulation.
- Both foliar and root application.
- Systemic effect.

FORZZA 2000 , being complexed with Gluconic GH, has the main differences:

- It penetrates the plant, being a totally soluble product, with which the application rates are very low, because the product is completely active.

Compared to sulphate, the absorption of complexed copper has a higher efficiency (up to 10 times higher). This penetration of the formulation allows the copper to act at the subcuticular level .

- Its foliar absorption efficiency is high compared to salts (sulphates), since Cu + 2 ions remain neutralized (with a neutral electric charge) when complexed.

This zero charge promotes the circulation of copper freely from the outer surface of the cuticle and absorption occurs through its pores. This absorption is very easy for the plant, since the copper does not adhere to the outer layer of the cuticle, and it is not toxic to the plant because it is applied at a very low concentration compared to sulfate (which usually burns).

### GUARANTEED ANALYSIS

(% M/V)

Copper (Cu) soluble in water

20,00%

Chelating agent: GH Gluconic

### APPLICATION

The total number of applications will depend on the crop and the degree of disease or deficiency. Within the dosage range for foliar application, for woody crops use the highest in the fall and the lowest doses in the spring.

FORZZA 2000 can be applied both by foliar and by irrigation, as it is easily absorbed by the plant.

Its use is recommended for all types of crops. Its application is recommended in the cultivation phases most subject to needs.



## GLUMAX CALCIUM 8000



### FEATURES

GLUMAX CALCIUM 8000 is formulated based on Calcium Gluconate, as a Soluble Concentrate, of high purity, high quality and safety for foliar or sprayed cultivation.

GLUMAX CALCIUM 8000, being derived from a natural sugar, enters the plant's metabolism via the leaves or roots very quickly.

GLUMAX CALCIUM 8000 contains surfactants to improve compatibility with plant protection products and obtain better wetting results on the sprayed surfaces.

Effectiveness of GLUMAX CALCIUM 8000 The metal ions sequestered by heptagluconic acid do not react with other soil components, even in very acidic or very calcareous soils.

Benefits of the fertilizer contribution

- Firm tissues are obtained, as it binds the pectates of the middle lamella of the cell wall.
- Helps with integrated fungal control as it inhibits pectolytic enzymes used by fungi to penetrate cells, such as polygalacturonase used by botrytis fungus among others.
- Prolongs the post-harvest life of fruit and vegetables by inhibiting pectolytic enzymes that degrade the cell wall and soften the fruit.
- Regulates respiratory activity and ethylene production.
- The incidence of physiological disorders decreases: bitter stone in apple trees, cork in pear trees, Palo Negro in grapes, apical necrosis in tomatoes, peppers, cucumbers, watermelons and melons; stained cavities in carrots, black heart in celery, burnt tips in lettuce, burnt inside (tip) in cabbage, internal necrosis in brussels cabbage and tuber necrosis in potatoes.

### GUARANTEED ANALYSIS

(% M/V)

Calcium oxide (CaO) soluble in water

8,00%

Chelating agent: GH Gluconic

## GLUMAX DUO 8000



### FEATURES

GLUMAX DUO 8000 is formulated based on Manganese Gluconate, as a Soluble Concentrate, of high purity, high quality and safety for rain cultivation. GLUMAX DUO 8000 contains surfactants to improve compatibility with plant protection products and to obtain better wetting of the sprayed surfaces.

Manganese participates in photosynthesis, in plant respiration mechanisms and in numerous redox enzyme systems. Promotes root development and intervenes in the synthesis of proteins and in the growth of plant cells.

Effectiveness of GLUMAX DUO 8000

GLUMAX DUO 8000 it is effective in very acidic or very calcareous soils, guaranteeing the supply of manganese in any type of soil. Furthermore, the metal ions chelated and sequestered by GH-gluconic do not react with other soil components; this is the cause of the great stability.

Speed of action

GLUMAX DUO 8000, being derived from a natural sugar (glucose), enters the plant's metabolism via foliar or radical (drip irrigation or injection) very quickly. Once absorbed, it moves freely throughout the plant carrying manganese where it is needed. 10-12 days after application, if the crop has also been watered, the beneficial effects are already observed.

Safety

GLUMAX DUO 8000 derives from heptagluconic acid and this in turn from glucose, which is a natural carbohydrate.

This makes GLUMAX DUO 8000 a safe product and does not cause phytotoxicity problems in treated crops, both foliar and root (injection or drip irrigation).

### GUARANTEED ANALYSIS

(% M/V)

Manganese (Mn) soluble in water

8,00%

Chelating agent: GH Gluconic

## GLUMAX GOLD



### FEATURES

GLUMAX GOLD is formulated based on Zinc Gluconate, as a Soluble Concentrate, of high purity, high quality and safety for the sprayed crop.

GLUMAX GOLD contains surfactants to improve compatibility with plant protection products and obtain better wetting of the sprayed surfaces.

Zinc is an essential micronutrient in enzymatic activation and in the synthesis and storage of plant growth hormones (auxins).

Participates in protein synthesis and improves photosynthesis.

Effectiveness of GLUMAX GOLD

GLUMAX GOLD it is effective in very acidic or very calcareous soils, guaranteeing the supply of zinc in any type of soil. Furthermore, the metal ions chelated and sequestered by the GH-gluconic do not react with other soil components; this is the cause of the great stability.

Speed of action

GLUMAX GOLD, being derived from a natural sugar (glucose), enters the plant's metabolism via the leaves or roots (drip irrigation or injection) very quickly. Once absorbed, it moves freely throughout the plant to carry the zinc where it is needed. 10-12 days after application, if the crop has also been watered, its beneficial effects are already observed. GLUMAX GOLD

safety

it derives from heptagluconic acid and this in turn from glucose, which is a natural carbohydrate. This makes GLUMAX GOLD a safe product and does not cause phytotoxicity problems in treated crops, either by foliar or root (injection or drip irrigation).

### GUARANTEED ANALYSIS

(% M/V)

Zinc (Zn) soluble in water

8,00%

Chelating agent: GH Gluconic



## GLUMAX FERRO 8000



### FEATURES

GLUMAX FERRO 8000 is a product belonging to the innovative GLUMAX FERRO 8000 which ensures a greater speed of absorption and penetration of iron into the plant as well as its rapid translocation. New generation ferric chlorosis corrector.

### BENEFITS

- The GLUCO System supplies iron to the plant in adequate quantity and form so that sometimes critical moments of chlorosis do not occur.
- Greater speed of absorption and penetration of iron into the plant.
- Its high iron concentration offers greater persistence.
- Macro and micronutrients intervene in the composition of the product that favor the development of crops and prevent the appearance of numerous deficiencies.
- It also causes a higher concentration of chlorophyll in the leaf and, therefore, an increase in assimilation rates.

GLUMAX FERRO 8000 is an iron deficiency corrector, specially designed for foliar application, hydroponics and fertigation. This characteristic is given by the properties of its components:

- Iron (Fe) is chelated by gluconic acid in the form of ferric salt - ammonium more assimilable and usable for the plant, both foliar and root, compared to ferric-sodium or ferric-potassium salts.

Its solubility in water is also much higher.

- The iron chelated by gluconic acid does not react with other components of nutritional solutions for hydroponic crops or for fertigation, therefore it remains in a solution that is totally assimilable for plants.
- The iron chelated by gluconic acid remains stable up to pH = 7.5, therefore it remains soluble in the worst conditions found in a hydroponic cultivation system (root environment) or in slightly alkaline soils.

### GUARANTEED ANALYSIS

(% M/V)

|                              |       |
|------------------------------|-------|
| Iron (Fe) soluble in water   | 8,00% |
| Chelating agent: GH Gluconic |       |

8,00%

### APPLICATION

GLUMAX FERRO 8000 is applied to prevent or correct cases of iron deficiency or iron chlorosis that occur in large quantities. of plants, both arboreal and herbaceous, and especially in the areas and species most affected: grapevines, vineyards, fruit trees, citrus fruits, various horticultural crops, strawberries, extensive crops, meadows, etc ...

## MAGNOZINC COMPACT



### FEATURES

MAGNOZINC COMPACT is a product belonging to the innovative GLUCO RANGE which guarantees higher absorption and penetration speed of Manganese and Zinc in the plant as well as its rapid translocation.

MAGNOZINC COMPACT is formulated based on Manganese and Zinc Gluconate, as a Soluble Concentrate, of high purity, high quality and safety for rain cultivation.

MAGNOZINC COMPACT contains surfactants to improve compatibility with plant protection products and obtain better wetting results on sprayed surfaces.

Manganese participates in photosynthesis, in plant respiration mechanisms and in numerous redox enzyme systems. It promotes root development and intervenes in the synthesis of proteins and in the growth of plant cells. Zinc is an essential micronutrient in enzymatic activation and in the synthesis and storage of plant growth hormones (auxins). Participates in protein synthesis and improves photosynthesis.

### MAGNOZINC COMPACT Effectiveness

MAGNOZINC COMPACT is effective in very acidic or very calcareous soils, guaranteeing the contribution of Manganese and Zinc in any type of soil. Furthermore, the metal ions chelated and sequestered by the GH-gluconic do not react with other soil components; this is the cause of the great stability.

### Speed of action

MAGNOZINC COMPACT, being derived from a natural sugar (glucose), enters the plant's metabolism via foliar or radical (drip irrigation or injection) very quickly. Once absorbed, the plant moves freely all over the place carrying manganese and zinc where needed. 10-12 days after application, if the crop has also been watered, the beneficial effects are already being observed.

### Safety

MAGNOZINC COMPACT derives from heptagluconic acid and this in turn from glucose, which is a natural carbohydrate.

This makes MAGNOZINC COMPACT a safe product and does not cause phytotoxicity problems in the treated crops, both by foliar and root (injection or drip irrigation).

### GUARANTEED ANALYSIS

(% M/V)

|                                 |       |
|---------------------------------|-------|
| Manganese (Mn) soluble in water | 3,50% |
| Zinc (Zn) soluble in water      | 3,50% |
| Chelating agent: GH Gluconic    |       |

3,50%

3,50%

Chelating agent: GH Gluconic

## MAGNOZINC MIX



### FEATURES

MAGNOZINC MIX is a product belonging to the innovative GLUCO RANGE which guarantees a greater speed of absorption and penetration of Iron, Manganese, Magnesium and Zinc into the plant and its rapid translocation.

MAGNOZINC MIX is formulated based on Iron, Manganese, Magnesium and Zinc Gluconate, as a soluble concentrate, of high purity, high quality and safety for rain cultivation.

MAGNOZINC MIX contains surfactants to improve compatibility with plant protection products and to obtain better wetting of the sprayed surfaces.

### Effectiveness of MAGNOZINC MIX

MAGNOZINC MIX is effective in very acidic or very calcareous soils, guaranteeing the contribution of Iron, Manganese, Magnesium and Zinc in any type of soil. Furthermore, the metal ions chelated and sequestered by GH-gluconic do not react with other soil components; this is the cause of the great stability.

### Speed of action

MAGNOZINC MIX, being derived from a natural sugar (glucose), enters the plant's metabolism via the leaves

root (drip irrigation or injection) very quickly. Once absorbed, it moves freely throughout the plant carrying micronutrients where needed. 10-12 days after application, if the crop has also been watered, the beneficial effects have already been observed.



## Safety

MAGNOZINC MIX derives from heptagluconic acid and this in turn from glucose, which is a natural carbohydrate.

This makes MAGNOZINC MIX a safe product and does not cause phytotoxicity problems in treated crops, by foliar or root (injection or drip irrigation).

| GUARANTEED ANALYSIS              | (% M/V) |
|----------------------------------|---------|
| Iron (Fe) soluble in water       | 1,49%   |
| Manganese (Mn) soluble in water  | 1,52%   |
| Magnesium (MgO) soluble in water | 1,29%   |
| Zinc (Zn) soluble in water       | 2,27%   |
| Chelating agent: GH Gluconic     |         |

## MAGNOFERRO MIX



### FEATURES

MAGNOFERRO MIX is a liquid micronutrient complex complexed with GH gluconic. Maintains the correct concentration of micronutrients in the plant, especially in crops that require a lot of micronutrients.

MAGNOFERRO MIX is formulated based on Boron Gluconate, Copper, Iron, Manganese and Zinc, as a soluble concentrate, of high purity, high quality and safety for the sprinkled crop.

MAGNOFERRO MIX contains surfactants to improve compatibility with plant protection products and to obtain better wetting of the sprayed surfaces.

### Effectiveness of MAGNOFERRO MIX

MAGNOFERRO MIX is effective in very acidic or very calcareous soils, guaranteeing the contribution of Boron, Copper, Iron, Manganese and Zinc in any type of soil. Furthermore, the metal ions chelated and sequestered by GH-gluconic do not react with other components of the medium; this is the cause of the great stability.

### Speed of action

MAGNOFERRO MIX, being derived from a natural sugar (glucose), enters the metabolism of the plant via the leaves or roots (drip irrigation or injection) very quickly. Once absorbed, it moves freely throughout the plant carrying micronutrients where needed. 10-12 days after application, if the crop has also been watered, the beneficial effects are already observed.

### Safety

MAGNOFERRO MIX derives from heptagluconic acid and this in turn from glucose, which is a natural carbohydrate. This makes MAGNOFERRO MIX a safe product and does not create phytotoxicity problems in the treated crops, both by foliar and root (injection or drip irrigation).

| GUARANTEED ANALYSIS             | (% M/V) |
|---------------------------------|---------|
| Boron (B) soluble in water      | 0,60%   |
| Copper (Cu) soluble in water    | 0,70%   |
| Iron (Fe) soluble in water      | 2,10%   |
| Manganese (Mn) soluble in water | 0,90%   |
| Zinc (Zn) soluble in water      | 0,96%   |
| Chelating agent: GH Gluconic    |         |

## MAGNOFERRO EXTRA PLUS



### FEATURES

MAGNOFERRO EXTRA PLUS is a liquid micronutrient complex complexed with GH gluconic. Maintains the adequate concentration of micronutrients in the plant, especially in crops that require many micronutrients. MAGNOFERRO EXTRA PLUS is formulated based on Boron Gluconate, Copper, Iron, Manganese, Molybdenum and Zinc, as a soluble concentrate, of high purity, high quality and safety for the sprayed crop.

MAGNOFERRO EXTRA PLUS contains surfactants to improve compatibility with plant protection products and to obtain better wetting of the sprayed surfaces.

### Effectiveness of MAGNOFERRO EXTRA PLUS

MAGNOFERRO EXTRA PLUS is effective in very acidic or very calcareous soils, guaranteeing the contribution of Boron, Copper, Iron, Manganese, Molybdenum and Zinc in any type of soil. Furthermore, metal ions chelated and sequestered by the GH gluconic do not react with other soil components; this is the cause of the great stability.

### Speed of action

MAGNOFERRO EXTRA PLUS, being derived from a natural sugar (glucose), enters the metabolism of the plant via leaves or roots (drip irrigation or injection) very quickly. Once absorbed, it moves freely through the entire plant carrying the micronutrients where they are needed. 10-12 days after application, if the crop has also been watered, the beneficial effects are already being observed.

### Safety

MAGNOFERRO EXTRA PLUS derives from heptagluconic acid and this in turn from glucose, which is a natural carbohydrate. This makes MAGNOFERRO EXTRA PLUS a safe product and does not cause phytotoxicity problems in the treated crops, both via the leaves and roots (injection or drip irrigation).

| GUARANTEED ANALYSIS              | (% M/V) |
|----------------------------------|---------|
| Boron (B) soluble in water       | 0,65%   |
| Copper (Cu) soluble in water     | 0,17%   |
| Iron (Fe) soluble in water       | 3,00%   |
| Manganese (Mn) soluble in water  | 1,87%   |
| Molybdenum (Mo) soluble in water | 0,15%   |
| Zinc (Zn) soluble in water       | 1,25%   |
| Chelating agent: GH Gluconic     |         |

## MAGNOFERRO GOLD



### FEATURES

MAGNOFERRO GOLD is a liquid micronutrient complex complexed with gluconic GH. Maintains the right concentration of micronutrients in the plant, especially in crops that require a lot of micronutrients.

MAGNOFERRO GOLD is formulated based on Boron Gluconate, Copper, Iron, Manganese, Molybdenum and Zinc, as a soluble concentrate, of high purity, high quality and safety for the sprayed crop.

MAGNOFERRO GOLD contains surfactants to improve compatibility with plant protection products and obtain better wetting results on the sprayed surfaces.



# Deficiency correctors

## Effectiveness of MAGNOFERRO GOLD

MAGNOFERRO GOLD is effective in very acidic or very calcareous soils, guaranteeing the contribution of Boron, Copper, Iron, Manganese, Molybdenum and Zinc in any type of soil. Furthermore, the metal ions chelated and sequestered by GH-gluconic do not react with other soil components; this is the cause of the great stability.

## Speed of action

MAGNOFERRO GOLD, being derived from a natural sugar (glucose), enters the metabolism of the plant via foliar or radical (drip irrigation or injection) very quickly. Once absorbed, it moves freely throughout the plant carrying micronutrients where needed. 10-12 days after application, if also the crop has been watered, the beneficial effects have already been observed.

## Safety

MAGNOFERRO GOLD derives from heptagluconic acid and this in turn from glucose, which is a natural carbohydrate.

This makes MAGNOFERRO GOLD a safe product and does not create phytotoxicity problems in the treated crops, either by foliar or root (injection or drip irrigation).

## GUARANTEED ANALYSIS

(% M/V)

|                                  |       |
|----------------------------------|-------|
| Boron (B) soluble in water       | 0,52% |
| Copper (Cu) soluble in water     | 0,15% |
| Iron (Fe) soluble in water       | 2,40% |
| Manganese (Mn) soluble in water  | 1,50% |
| Molybdenum (Mo) soluble in water | 0,12% |
| Zinc (Zn) soluble in water       | 1,00% |
| Chelating agent: GH Gluconic     |       |

## NITRO INTENSA 800



## FEATURES

NITRO INTENSA 800 is a product belonging to the innovative GLUCO RANGE which guarantees a higher rate of absorption and penetration of nitrogen and calcium into the plant as well as its rapid translocation. Nitro INTENSA 800 is formulated based on GH Gluconic, as a Soluble Concentrate, of high purity, high quality and safety for sprayed crops.

NITRO INTENSA 800 combines two essential nutrients in a single product and with it you can obtain a good structure result of the plant, as well as increase the capacity of photosynthesis and obtain a rapid growth of the leaf during the vegetative phase of the plant's development. NITRO INTENSA 800 shows a fast reaction of the vegetable once applied, because there is a synergy between the absorption of nitrogen on the one hand and calcium on the other.

NITRO INTENSA 800 is a concentrated solution of nitrogen and calcium indicated to prevent and correct deficiencies of these two elements in all types of crops. Contains GH - gluconic which facilitates the transport and assimilation of nutrients, which acts as a precursor in various metabolic processes of plants.

INTENSE NITRO 800 is used as a source of nitrogen and calcium in plant nutrition programs. Your application prevents and controls calcium deficiencies aggravated by mild magnesium and boron deficiencies. GH - gluconic acts as a chelating agent favoring the absorption of nutrients via the leaves and their assimilation by the real estate. Regular foliar applications of NITRO INTENSA 800 prevent the effects of calcium deficiencies (apical necrosis, fruit cracking, early maturity). In this way, harvests with better vegetative growth and higher yields in crops are obtained.

## GUARANTEED ANALYSIS

(% M/V)

|                                |       |
|--------------------------------|-------|
| Total nitrogen (N)             | 8,00% |
| Nitrogen (N) Nitric            | 4,70% |
| Nitrogen (N) urea              | 3,30% |
| Calcium (CaO) soluble in water | 8,00% |
| Chelating agent: GH Gluconic   |       |

## GLUMAX MN 530



## FEATURES

GLUMAX MN 530 is a product belonging to the innovative GLUCO RANGE which guarantees a greater speed of absorption and penetration of Nitrogen, Sulfur and Manganese into the plant and its rapid translocation.

GLUMAX MN 530 is formulated on the basis of Gluconic GH, as a soluble concentrate, of high purity, high quality and safety for the sprayed crop. GLUMAX MN 530 contains surfactants to improve compatibility with sanitary fixtures and obtain better wetting of sprayed surfaces.

## Effectiveness of GLUMAX MN 530

GLUMAX MN 530 is effective in very acidic or very calcareous soils, guaranteeing the supply of Nitrogen, Sulfur and Manganese in any type of soil. Furthermore, the metal ions chelated and sequestered by the GH-gluconic do not react with other components of the soil; this is the cause of the great stability.

## Speed of action

GLUMAX MN 530, being derived from a natural sugar (glucose), enters the plant's metabolism via the leaves

- root (drip irrigation or injection) very quickly. Once absorbed, it moves freely throughout the plant, transporting Nitrogen, Sulfur and Manganese to where it is needed. 10-12 days after application, if the crop has also been watered, the beneficial effects are already observed.

## Safety

GLUMAX MN 530 derives from heptagluconic acid and this in turn from glucose, which is a natural carbohydrate.

This makes GLUMAX MN 530 a safe product and does not cause phytotoxicity problems in treated crops, by foliar or root (injection or drip irrigation).

## GUARANTEED ANALYSIS

(% M/V)

|                                 |       |
|---------------------------------|-------|
| Total nitrogen (N)              | 2,00% |
| Sulfur (S) soluble in water     | 3,00% |
| Manganese (Mn) soluble in water | 5,30% |
| Chelating agent: GH Gluconic    |       |



## GLUMAX SPECIAL 350



### FEATURES

GLUMAX SPECIAL 350 es un producto perteneciente a la innovadora GAMA GLUCO que asegura una mayor velocidad de absorción y penetración del Azufre, Hierro, Manganeso y Zinc en la planta así como su rápida traslocación. GLUMAX SPECIAL 350 está formulado en base de GH Glucónico, como Concentrado Soluble, de alta pureza, alta calidad y seguridad para el cultivo asperjado. GLUMAX SPECIAL 350 contiene surfactantes para mejorar la compatibilidad con fitosanitarios y lograr un mejor mojado de las superficies asperjadas.

#### Eficacia de GLUMAX SPECIAL 350

GLUMAX SPECIAL 350 es eficaz en terrenos muy ácidos o muy calcáreos, asegurando el suministro de Azufre, Hierro, Manganeso y Zinc en cualquier tipo de suelo. Además los iones metálicos quelados y secuestrados por GH-glu-cónico no reaccionan con otros componentes del suelo; esta es la causa de la gran estabilidad.

#### Rapidez de acción

GLUMAX SPECIAL 350, al ser derivado de un azúcar natural (glucosa), entra en el metabolismo de la planta por vía foliar o radicular (riego por goteo o inyección) con gran rapidez. Una vez absorbido, se mueve libremente por toda la planta transportando el Azufre, Hierro, Manganeso y Zinc donde sea necesario. A los 10-12 días de la aplicación, si el cultivo además ha sido regado, ya se observan los efectos benefactores.

#### Seguridad

GLUMAX SPECIAL 350 procede del ácido heptagluconico y éste a su vez de la glucosa, que es carbohidrato natural. Esto hace que GLUMAX SPECIAL 350 sea un producto seguro y no cause ningún problema de fitotoxicidad en los cultivos tratados, sea por vía foliar o radicular (inyección o riego por goteo).

### GUARANTEED ANALYSIS

(% M/V)

|                                 |       |
|---------------------------------|-------|
| Azufre (S) soluble en agua      | 4,00% |
| Hierro (Fe) soluble en agua     | 1,50% |
| Manganeso (Mn) soluble en agua  | 3,50% |
| Zinc (Zn) soluble en agua       | 3,50% |
| Agente quelatante: GH Glucónico |       |

## GLUMAX MULTI



### FEATURES

GLUMAX MULTI is a product belonging to the innovative GLUCO RANGE which guarantees a greater speed of absorption and penetration of Iron, Magnesium, Manganese and Zinc into the plant as well as its rapid translocation.

GLUMAX MULTI is formulated based on Gluconic GH, as a Soluble Concentrate, of high purity, high quality and safety for the sprayed crop.

GLUMAX MULTI contains surfactants to improve compatibility with sanitary fixtures and obtain better wetting of sprayed surfaces.

#### Effectiveness of GLUMAX MULTI

GLUMAX MULTI is effective in very acidic or very calcareous soils, guaranteeing the contribution of Iron, Magnesium, Manganese and Zinc in any type of soil. Furthermore, the metal ions chelated and sequestered by GH-gluconic do not react with other soil components; this is the cause of the great stability.

#### Speed of action

GLUMAX MULTI, being derived from a natural sugar (glucose), enters the metabolism of the plant via the leaves or roots (drip irrigation or injection) very quickly. Once absorbed, it moves freely throughout the Iron, Magnesium, Manganese and Zinc transport system where necessary. 10-12 days after application, if the crop was also watered, the beneficial effects are already being observed.

#### Safety

GLUMAX MULTI comes from heptagluconic acid and this in turn from glucose, which is a natural carbohydrate.

This makes GLUMAX MULTI a safe product and does not cause phytotoxicity problems in treated crops, by foliar or root (injection or drip irrigation).

### GUARANTEED ANALYSIS

(% M/V)

|                                  |       |
|----------------------------------|-------|
| Iron (Fe) soluble in water       | 1,50% |
| Magnesium (MgO) soluble in water | 2,00% |
| Manganese (Mn) soluble in water  | 2,00% |
| Zinc (Zn) soluble in water       | 0,50% |
| Chelating agent: GH Gluconic     |       |

## GLUMAX SOL MIX



### FEATURES

GLUMAX SOL MIX is a product belonging to the innovative GLUCO RANGE which guarantees a greater speed of absorption and penetration of Boron, Iron, Magnesium, Manganese and Zinc into the plant and its rapid translocation.

GLUMAX SOL MIX is formulated on the basis of Gluconic GH, as a soluble concentrate, of high purity, high quality and safety for the sprayed crop.

GLUMAX SOL MIX contains surfactants to improve compatibility with plant protection products and to obtain better wetting of the sprayed surfaces.

#### Effectiveness of GLUMAX SOL MIX

GLUMAX SOL MIX is effective in very acidic or very calcareous soils, guaranteeing the contribution of Boron, Iron, Magnesium, Manganese and Zinc in any type of soil. Furthermore, the metal ions chelated and sequestered by GH-gluconic do not react with other components of the medium; this is the cause of the great stability.

#### Speed of action

GLUMAX SOL MIX, being derived from a natural sugar (glucose), enters the plant's metabolism via the leaves

-radicular (drip or injection irrigation) very quickly. Once absorbed, it moves freely throughout the Boron, Iron, Magnesium, Manganese and Zinc transport system where necessary. 10-12 days after application, if the crop has also been watered, the beneficial effects are already observed.

#### Safety

GLUMAX SOL MIX derives from heptagluconic acid and this in turn from glucose, which is a natural carbohydrate.

This makes GLUMAX SOL MIX a safe product and does not cause phytotoxicity problems in treated crops, by foliar or root (injection or drip irrigation).

| GUARANTEED ANALYSIS              | (% M/V) |
|----------------------------------|---------|
| Boron (B) soluble in water       | 0,50%   |
| Iron (Fe) soluble in water       | 1,75%   |
| Magnesium (MgO) soluble in water | 1,50%   |
| Manganese (Mn) soluble in water  | 0,75%   |
| Zinc (Zn) soluble in water       | 0,75%   |
| Chelating agent: GH Gluconic     |         |

## GLUMAX SN 3000



### FEATURES

GLUMAX SN 3000 is particularly suitable for preventing and correcting deficiencies of boron, copper, magnesium and zinc in pistachios, but it can also be used in field crops, rows, vegetables, fruit, nuts and vines.

GLUMAX SN 3000 is a product belonging to the innovative GLUCO RANGE which guarantees a greater speed of absorption and penetration of micronutrients into the plant and their rapid translocation.

GLUMAX SN 3000 is formulated based on boron, copper, magnesium and zinc, complexed with gluconic acid as a soluble concentrate, high purity, high quality and safety for cultivation. GLUMAX SN 3000 can be applied directly to the soil or foliage of growing crops.

GLUMAX SN 3000 it can be applied through ground sprayers (high volume or low volume), air or fertigation systems

| GUARANTEED ANALYSIS              | (% M/V) |
|----------------------------------|---------|
| Total nitrogen (N)               | 3,00%   |
| Boron (B) soluble in water       | 2,00%   |
| Copper (Cu) soluble in water     | 2,00%   |
| Magnesium (MgO) soluble in water | 1,80%   |
| Sulfur (S) soluble in water      | 4,00%   |
| Zinc (Zn) soluble in water       | 1,00%   |
| Chelating agent: GH Gluconic     |         |

## GLUMAX PISTACHO DUO 200



### FEATURES

GLUMAX PISTACHO DUO 200 is particularly suitable for preventing and correcting deficiencies of copper, magnesium, sulfur and zinc in pistachios, but it can also be used in herbaceous crops, rows, vegetables, fruit, nuts and grapevines.

GLUMAX PISTACHO DUO 200 is a product belonging to the innovative GLUCO RANGE which guarantees greater speed of absorption and penetration of micronutrients into the plant as well as their rapid translocation.

GLUMAX PISTACHO DUO 200 is formulated based on Copper, Magnesium, Sulfur and Zinc complexed with Gluconic Acid as a soluble concentrate, of high purity, high quality and safety for cultivation.

GLUMAX PISTACHO DUO 200 if it can be applied directly to its own or to the whole variety of cultivos en crecimiento.

GLUMAX PISTACHO DUO 200 can be applied to través de pulverizadores de tierra (de gran volumen or bajo volumen), aviones or sistemas de fertirrigación.

| GUARANTEED ANALYSIS              | (% M/V) |
|----------------------------------|---------|
| Copper (Cu) soluble in water     | 2,00%   |
| Magnesium (MgO) soluble in water | 2,00%   |
| Sulfur (S) soluble in water      | 4,30%   |
| Zinc (Zn) soluble in water       | 1,00%   |
| Chelating agent: GH Gluconic     |         |

## STRONG PISTACHO DUO 400



### FEATURES

STRONG PISTACHO DUO 400 is a special liquid formulation based on Copper and Zinc associated with a fraction of hydracid citric acid, which produces a rapid and efficient absorption of these two microelements (Cu and Zn), essential to guarantee the optimal functioning of the enzymatic process. . Consequently, the physiological state of the plant and indirectly enhances its natural defenses, inducing a better resistance to stress and diseases caused by bacteria and fungi.

STRONG PISTACHO DUO 400 can be used foliar and radical, remaining in the root zone for about 2 weeks.

| GUARANTEED ANALYSIS          | (% M/V) |
|------------------------------|---------|
| Copper (Cu) soluble in water | 5,50%   |
| Zinc (Zn) soluble in water   | 5,50%   |

## STRONG ZINC 2000



### FEATURES

STRONG ZINC 2000 is a simultaneous corrector of the deficiencies of Copper, Manganese and Zinc in the FLOW formulation, applicable by foliar application that incorporates in its formulation a high content of Manganese and Zinc.

Given its high content of these nutrients, it acts as a very effective corrector that corrects or prevents the effective states of deficiency of these elements.

It is recommended for crops growing in poorly drained, alkaline or acidic soils.

| GUARANTEED ANALYSIS             | (% M/V) |
|---------------------------------|---------|
| Copper (Cu) soluble in water    | 5,00%   |
| Manganese (Mn) soluble in water | 30,00%  |
| Zinc (Zn) soluble in water      | 20,00%  |



## STRONG TRI PLUS



### FEATURES

STRONG TRI PLUS is a simultaneous corrector of Copper, Manganese and Zinc deficiencies in FLOW formulation, applicable by foliar application which incorporates in its formulation a high content of Manganese and Zinc. Given its high content of these nutrients, it acts as a very effective corrector that corrects or effectively avoids the states of deficiency of these elements.

The STRONG TRI PLUS mode of action consists of the sum of the preventive and curative effects provided by the microelements present in its formulation, in addition to the great biostimulating power of the amino acids it contains. Amino acids act as chelating agents while promoting the absorption of nutrients by foliar and its assimilation by the roots.

Together, STRONG TRI PLUS applications enable rapid correction of nutritional deficiencies and stimulate plant recovery.

| GUARANTEED ANALYSIS             | (% M/V) |
|---------------------------------|---------|
| Free amino acids                | 4,50%   |
| Copper (Cu) soluble in water    | 3,00%   |
| Manganese (Mn) soluble in water | 15,00%  |
| Zinc (Zn) soluble in water      | 14,00%  |

## STRONG MZ 250



### FEATURES

STRONG MZ 250 is very useful to overcome states of deficiency and weakness related to the lack of manganese (Mn) and zinc (Zn), due in most cases to soil fatigue or a basic pH.

STRONG MZ 250 applications improve soil structure, cation exchange capacity and release of blocked elements, as well as their assimilation by the roots. They prevent the appearance and development of pathophysiology caused by manganese and zinc deficiencies in all types of crops.

An Mn deficiency occurs in the middle and young leaves in the form of chlorotic spots between the leaf veins or veins. This is attributed to disturbances in the formation of chloroplasts. Chlorotic and necrotic streaks form in grasses. Deficiency symptoms are especially characteristic in oats. In this case we speak of gray spot disease. In the basal part of the leaf, streaks or opaque gray spots can be observed.

Plants deficient in manganese have a small cell volume. The growth of the cell extension and the formation of lateral (secondary) roots. On the other hand, a Zn deficiency produces small pink leaves with often white tips, causing dwarfism.

- retards growth and inhibits the growth of branches and the death of young shoots in fruit trees. What's more, it causes the leaves to drop prematurely. In the vine there is an increase in the number of suckers and the grapes remain small and chlorotic spots with dead areas appear on the medium and old leaves. It affects primary shoots and does not allow root development.

The mode of action of STRONG MZ 250 consists of the sum of the preventive and curative effects provided by the microelements present in its formulation. Together, the STRONG MZ 250 applications allow you to quickly correct nutrition deficiencies and stimulate plant recovery.

| GUARANTEED ANALYSIS             | (% M/V) |
|---------------------------------|---------|
| Manganese (Mn) soluble in water | 25,00%  |
| Zinc (Zn) soluble in water      | 35,00%  |

## STRONG MN ZN 120



### FEATURES

STRONG MN ZN120 is a formulation with a high content of zinc and manganese. STRONG MN ZN120 prevents and corrects states of zinc and manganese deficiency. It increases the vitality of the plant, making it as resistant as possible to diseases. It stimulates its growth and development as it favors the carrying out of various enzymatic processes.

STRONG MN ZN120 improves the development of photosynthesis. It promotes the formation of secondary roots as well as the conversion of nitrogen into forms assimilated by the plant. With STRONG MN ZN120, plants develop optimally, so as to reduce production losses.

| GUARANTEED ANALYSIS             | (% M/V) |
|---------------------------------|---------|
| Manganese (Mn) soluble in water | 12,00%  |
| Zinc (Zn) soluble in water      | 12,00%  |

## CHELAT MZ 980



### FEATURES

CHELAT MZ 980 is a formulation with a high content of zinc and manganese. CHELAT MZ 980 prevents and corrects zinc and manganese deficiencies. It increases the vitality of the plant, making it more resistant to possible diseases. It stimulates its growth and development since then it favors the carrying out of various enzymatic processes.

CHELAT MZ 980 improves the development of photosynthesis. It promotes the formation of secondary roots as well as the conversion of nitrogen into forms assimilated by the plant. With CHELAT MZ 980, plants develop optimally, in order to reduce production losses.

An Mn deficiency occurs in the middle and young leaves in the form of chlorotic spots between the leaf veins or veins. This is attributed to disturbances in the formation of chloroplasts. In herbs chlorotic and necrotic streaks are formed. Plants deficient in manganese have a small cell volume. Growth of cell extension and formation of lateral (secondary) roots gets angry.

A Zn deficiency produces small pink leaves with often white tips, causes dwarfism or retarded growth, and inhibits the growth of branches and the death of young shoots in fruit trees. It also causes the leaves to fall prematurely.

| GUARANTEED ANALYSIS             | (% M/V) |
|---------------------------------|---------|
| Manganese (Mn) soluble in water | 9,80%   |
| Zinc (Zn) soluble in water      | 8,40%   |

## STRONG NZM



### FEATURES

STRONG NZM is a formulation with a high content of Nitrogen, Zinc and Manganese. STRONG NZM prevents and corrects deficiencies of nitrogen, zinc and manganese. It increases the vitality of the plant, making it more resistant to possible diseases. It stimulates its growth and development as it favors the realization of various enzymatic processes.

STRONG NZM improves the development of photosynthesis. It promotes the formation of secondary roots as well as the conversion of nitrogen into forms that can be assimilated by the plant. With STRONG NZM, plants thrive optimally, thus reducing production losses.

An Mn deficiency occurs in the middle and young leaves in the form of chlorotic spots between the leaf veins or veins. This is attributed to disturbances in the formation of chloroplasts. In herbs chlorotic and necrotic streaks are formed. Plants deficient in manganese have a small cell volume. Growth of cell extension and formation of lateral (secondary) roots gets angry.

A Zn deficiency produces small pink leaves with often white tips, causes dwarfism or retarded growth, and inhibits the growth of branches and the death of young shoots in fruit trees. It also causes the leaves to fall prematurely.

| GUARANTEED ANALYSIS             | (% M/V) |
|---------------------------------|---------|
| Total nitrogen (N)              | 8,50%   |
| Manganese (Mn) soluble in water | 2,40%   |
| Zinc (Zn) soluble in water      | 3,70%   |

## STRONG ZN 800



### CARACTERÍSTICAS

STRONG ZN 800 is a zinc corrector, complexed with hydrated citric acid and organic acids. It appears as a highly concentrated liquid solution. Zinc is an essential micronutrient in enzymatic activation and in the synthesis and storage of plant growth hormones (auxins). Participates in protein synthesis and improves photosynthesis.

STRONG ZN 800 prevents and corrects states of zinc deficiency. Avoid leaf size reduction, internervial chlorosis and decreased plant growth. It absorbs the stress suffered by the plant due to temperature losses.

| GUARANTEED ANALYSIS        | (% M/V) |
|----------------------------|---------|
| Zinc (Zn) soluble in water | 8,00%   |

### APPLICATION

STRONG ZN 800 is needed as a growth regulator and for protein synthesis. The main symptoms of zinc deficiencies are short internodes, small yellow leaves on young shoots. It can be applied by foliar application and by fertigation.

## STRONG ZN 14%



### FEATURES

STRONG ZN 14% is a product developed for the correction and prevention of zinc (Zn) deficiencies. It appears as a highly concentrated liquid solution.

Zinc is an essential micronutrient in enzymatic activation and in the synthesis and storage of plant growth hormones (auxins). Participates in protein synthesis and improves photosynthesis.

STRONG ZN 14% prevents and corrects states of zinc deficiency. Avoid leaf size reduction, internervial chlorosis and decreased plant growth. It absorbs the stress suffered by the plant due to temperature losses.

| GUARANTEED ANALYSIS        | (% M/V) |
|----------------------------|---------|
| Zinc (Zn) soluble in water | 14,00%  |

### APPLICATION

STRONG ZN 14% is needed as a growth regulator and for protein synthesis. The main symptoms of zinc deficiencies are short internodes, small yellow leaves on young shoots. It can be applied by foliar application and by fertigation.

## STRONG ZN 26%



### FEATURES

STRONG ZN 26% is a zinc corrector. It occurs as a highly concentrated liquid solution.

Zinc is an essential micronutrient in enzymatic activation and in the synthesis and storage of plant growth hormones (auxins). Participates in protein synthesis and improves photosynthesis.

STRONG ZN 26% prevents and corrects states of zinc deficiency. Avoid leaf size reduction, internervial chlorosis and decreased plant growth. It absorbs the stress suffered by the plant due to temperature losses.

#### Zinc function

Zinc is necessary for the synthesis of tryptophan, which in turn is necessary for the formation of indoleacetic acid in plants.

Indoleacetic acid is one of the auxins responsible for elongation and cell division. It is an essential component of various plant metalloenzymes (variety dehydrogenase) and is therefore essential for various functions in plant metabolism.

The carbonic anhydrase enzyme is specifically activated by zinc. Zinc plays a role in RNA and also in protein synthesis.



## Zinc Science Defi Zinc

deficient leaves develop internodal necrosis. In the early stages, the younger leaves turn yellow. Mature leaves develop pitting on their upper internodal surfaces. guttation (bleeding) is also common on the leaves. As the deficiency progresses, the above symptoms are: turning into intense interveinal necrosis. However, the main veins remain green, as if the leaves will recover from the iron deficiency. In many plants and especially trees, the leaves turn very small and the internodes are shortened, resulting in a rosette (circular) shape.

### GUARANTEED ANALYSIS

|                                   | (% M/V) |
|-----------------------------------|---------|
| Zinc (Zn) soluble in water        | 21,00%  |
| Zinc oxide (ZnO) soluble in water | 26,10%  |

### APPLICATION

STRONG ZN 26% is needed as a growth regulator and for protein synthesis. The main symptoms of zinc deficiencies are short internodes, small yellow leaves on young shoots. It can be applied by foliar application and by fertigation.

## STRONG B-MO 10/10



### FEATURES

STRONG B-MO 10/10 is a FLOW formulation concentrated in Boron and Molybdenum.

Molybdenum is involved in the synthesis and activation of essential enzymes in the nitrogen cycle. The quantities The insufficiency of this nutrient paralyzes the production of vitamins such as ascorbic acid (essential in the set) and prevents the formation of chlorophyll.

Boron is a micronutrient with an important structural and essential role in plant growth. It is involved in the metabolism of nucleic acids and carbohydrates.

STRONG B-MO 10/10 ensures optimal nitrate metabolism and nitrogen movement, which increases both the quantity and quality of pollen. It favors the formation of flowers by intervening in cell division and elongation. It accelerates the translocation processes of photoassimilated endogenous hormones and exogenous pesticides. Therefore, STRONG B-MO 10/10 is highly efficient in the fruit set process. due to its composition it acts on the plant causing the early appearance of pollen and greater vitality of the flower.

At the same time, it is recommended to use STRONG B-MO 10/10 in integrated production programs since stimulating the flora favors the settlement of the auxiliary fauna and its permanence throughout the crop cycle, especially in winter, when use of the product guarantees better smoothness. The way boron is presented is slow-release, which means a decrease in the danger of phytotoxicity and a staggered contribution throughout the crop.

### GUARANTEED ANALYSIS

|                              | (% M/V) |
|------------------------------|---------|
| Zinc (Zn) soluble in water   | 5,50%   |
| Copper (Cu) soluble in water | 5,50%   |

## GEL MIX



### FEATURES

GEL MIX is a molecular blend of iron, manganese, zinc and copper complexed with organic acids and enriched with boron and molybdenum in mineral form. It occurs as a highly concentrated liquid solution.

GEL MIX has all the microelements necessary for the preparation of balanced fertilizing solutions. It has great stability over a wide pH range and excellent compatibility with most salts and complex fertilizers used in crops, without presenting phytotoxicity problems.

GEL MIX improves the soil structure, the cation exchange capacity, the release of blocked elements and the assimilation of these by the roots.

### GUARANTEED ANALYSIS

|                                                              | (% M/M) |
|--------------------------------------------------------------|---------|
| Total nitrogen (N)                                           | 6,00%   |
| Ammonia nitrogen (N)                                         | 6,00%   |
| Boron (B) soluble in water                                   | 1,14%   |
| Water soluble copper (Cu) complexed with organic acids       | 0,16%   |
| Iron (Fe) soluble in water complexed with organic acids      | 4,20%   |
| Manganese (Mn) soluble in water complexed with organic acids | 1,70%   |
| Molybdenum (Mo) soluble in water                             | 0,21%   |
| Water soluble zinc (Zn) complexed with organic acids         | 4,28%   |

### APPLICATION

GEL MIX maintains the correct concentration of micronutrients in the plant. Provides the micronutrients necessary for excellent rooting, godson and enchanted and offers greater protection against extreme situations.

## KING PRESS PLUS



### FEATURES

PROMIX SILVER brings to the plant Sulfur, Nitrogen, Microelements and natural Synergists presented in a highly concentrated solution.

#### Advantages of PROMIX SILVER

- Sulfur is essential for the synthesis of enzymes and vitamins; increases the protein content of crops and promotes further root development.
- Sulfur is present in petroleum compounds and is involved in the physical structure of plants as part of lignin.
- Sulfur is also essential for the conversion of nitrate to amino acids and is necessary for the formation of chlorophyll.
- Fulvic acid and amino acids are promoters of plant energy growth

### GUARANTEED ANALYSIS

|                                        | (% M/M) |
|----------------------------------------|---------|
| Nitrógeno (N) Total                    | 3,00%   |
| Hierro (Fe) soluble en agua            | 19,00%  |
| Óxido de Potasio (K2O) soluble en agua | 15,00%  |

## PROMIX SILVER



### FEATURES

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- Fulvic acid and amino acids are promoters of plant energy growth

### GUARANTEED ANALYSIS

(% M/V)

|                                  |          |
|----------------------------------|----------|
| Sulfur (S)                       | 6,32%    |
| Total nitrogen (N)               | 5,62%    |
| Ammonia nitrogen (N)             | 5,25%    |
| Nitrogen (N) Nitric              | 0,64%    |
| Organic nitrogen (N)             | 0,03%    |
| Total potassium (K)              | 0,92%    |
| Potassium (K) Nitric             | 0,46%    |
| Potassium (K) hydroxide          | 0,31%    |
| Potasio (K) Orgánico             | 0,15%    |
| Manganese (Mn) soluble in water  | 0,20%    |
| Magnesium (MgO) soluble in water | 0,15%    |
| Iron (Fe) soluble in water       | 0,15%    |
| Zinc (Zn) soluble in water       | 806 mg/L |
| Copper (Cu) soluble in water     | 784 mg/L |
| Boron (B) soluble in water       | 205 mg/L |
| Molybdenum (Mo) soluble in water | 101 mg/L |

## STRONG B-M 10/10 PS



### FEATURES

STRONG BM 10/10 PS is specially formulated for flour and fruit set; Corrector of Boron and Molybdenum deficiencies in the Soluble Powder formulation. Molybdenum is involved in the synthesis and activation of essential enzymes in the nitrogen cycle. Insufficient quantities of this nutrient paralyze the production of vitamins such as ascorbic acid (essential in fruit set) and stop the formation of chlorophyll.

Boron is a micronutrient with an important structural and essential role in plant growth. It is involved in the metabolism of nucleic acids and carbohydrates. STRONG BM 10/10 PS ensures optimal nitrate metabolism and nitrogen movement, which increases both the quantity and quality of pollen.

Promotes flower formation by intervening in cell division and elongation. Accelerates the translocation processes of photoassimilated endogenous hormones and exogenous pesticides

Therefore, STRONG BM 10/10 PS is highly efficient in the coagulation process. Thanks to its composition it acts on the plant giving rise to the early appearance of pollen and to a greater vitality of the flower. At the same time it is advisable to use STRONG BM 10/10 PS in Integrated Production programs as the stimulation of the floration favors the settlement of the auxiliary fauna and its permanence throughout the crop cycle, especially in winter, when the use of the product guarantees better smoothness. The form in which boron occurs is slow-release, which means a decrease in the danger of phytotoxicity and a staggered contribution over the whole crop.

### GUARANTEED ANALYSIS

(% M/M)

|                                  |        |
|----------------------------------|--------|
| Boron (B) soluble in water       | 10,00% |
| Molybdenum (Mo) soluble in water | 10,00% |

## STRONG B-MO



### FEATURES

STRONG B-Mo is a formulation based on phosphorus, potassium, boron and molybdenum. It looks like a solid mixture.

STRONG B-Mo prevents and corrects deficiencies caused by deficiencies or imbalances in the assimilation of P, K, B and / or Mo. It facilitates the transport of sugars and stimulates the growth of apical meristems as well as the general development of the plant. It promotes the mobility of nitrogen, thus improving the synthesis of essential vitamins in the setting. It induces and enhances its formation, obtaining a pollen of superior quality. As a result, the fruit set is increased.

STRONG B-Mo is a fertilizer that improves the general conditions of the plant, stimulates the flowering process and favors fruit set due to the increase in the quantity and quality of pollen. In short, with STRONG B-Mo fruiting is increased, which translates into an increase in production yield.

### GUARANTEED ANALYSIS

(% M/M)

|                                              |        |
|----------------------------------------------|--------|
| Boron (B) soluble in water                   | 7,50%  |
| Molybdenum (Mo) soluble in water             | 8,00%  |
| Phosphorus pentoxide (P2O5) soluble in water | 15,00% |
| Potassium oxide (K2O) soluble in water       | 20,00% |

## STRONG F24



### FEATURES

STRONG F24 is a formulation based on phosphorus, boron and molybdenum. It looks like a solid mixture.

STRONG F24 prevents and corrects states of deficiency caused by deficiencies or imbalances in the assimilation of P, B and / or Mo. It facilitates the transport of sugars and stimulates the growth of apical meristems as well as the general development of the plant.

It promotes the mobility of nitrogen, thus improving the synthesis of essential vitamins in the setting. It induces and enhances its formation, obtaining a pollen of superior quality. As a result, the fruit set is increased.



# Deficiency correctors

STRONG F24 is a fertilizer that improves the general conditions of the plant, stimulates the flowering process and promotes fruit set following the increase in the quantity and quality of pollen. Ultimately, with STRONG F24, fruiting increases, which translates into an increase in production yield.

| GUARANTEED ANALYSIS                          | (% M/M) |
|----------------------------------------------|---------|
| Boron (B) soluble in water                   | 8,00%   |
| Molybdenum (Mo) soluble in water             | 7,00%   |
| Phosphorus pentoxide (P2O5) soluble in water | 24,00%  |

## CUAJE PLUS



### FEATURES

CUAJE PLUS is a liquid formulation concentrated in molybdenum and enriched with nitrogen and phosphorus. Molybdenum is involved in the synthesis and activation of essential enzymes in the nitrogen cycle. The insufficiency of this nutrient paralyzes the production of vitamins such as ascorbic acid (essential in fruit set) and prevents the formation of chlorophyll. CUAJE PLUS ensures optimal nitrate metabolism and nitrogen movement, which increases both the quantity and quality of pollen. It favors the formation of flowers by intervening in the division and in the mobile elongation. It accelerates the translocation processes of photoassimilated endogenous hormones and exogenous pesticides. For all these reasons CUAJE PLUS it is highly efficient in the curdling process.

| GUARANTEED ANALYSIS                          | (% M/M) |
|----------------------------------------------|---------|
| Total nitrogen (N)                           | 4,00%   |
| Molybdenum (Mo) soluble in water             | 3,50%   |
| Phosphorus pentoxide (P2O5) soluble in water | 16,00%  |
| Special adjuvants                            | 30,00%  |

## CUAJEFLORA



### FEATURES

The main characteristic of CUAJEFLORA is that of allowing an increase in flowering, fruit setting and later development of the fruit. CUAJEFLORAit is a fertilizing solution very rich in Phosphorus, Boron, Molybdenum (essential to favor flowering and fruit set). Product developed for use in the prevention and control of deficiencies. The presence of Boron favors the assimilation of Molybdenum. Overall a better prayer, fruit setting and development of the fruit. This concentrate is also enriched with algae, characterized by their high content of cytokinins and betaines, which makes them act as growth regulators. It will: improve cell division and the production of carbohydrates and proteins. Furthermore, the presence of amino acids in its composition produces a continuous and homogeneous development of the plant. Due to its mode of action it is immediately absorbed by the plant, metabolic, which would reduce its vegetative potential.

| GUARANTEED ANALYSIS                                                     | (% M/M) |
|-------------------------------------------------------------------------|---------|
| Phosphorus pentoxide (P2O5) soluble in water                            | 15,00%  |
| Boron (B) soluble in water                                              | 2,50%   |
| Magnesium (MgO) soluble in water                                        | 2,00%   |
| Molybdenum (Mo) soluble in water                                        | 3,00%   |
| Compost containing main elements (P2O5) and trace elements (B, Mg, Mo). |         |

## AGRO OIL 250



### FEATURES

AGRO OIL 250 is a formulation based on citrus oils enriched with Manganese and Zinc. Its formulation does not contain petroleum derivatives and is based only on natural ingredients extracted by cold pressing without chemical processing.

Its characteristic citrus scent is a consequence of the essential oils that compose it. This is why AGRO OIL 250 is a totally natural and biodegradable product, it leaves no residues and has no safety term.

Thanks to its powerful surfactant, wetting, adherent and penetrating effect, it improves the effectiveness of treatments. phytosanitary and helps to correct the deficiencies of these two very important elements to ensure the good performance of the plant. Enhancer of the phytosanitary effect and corrector of Manganese and Zinc deficiencies based on critical oil.

| GUARANTEED ANALYSIS             | (% M/M) |
|---------------------------------|---------|
| Orange oil                      | 3,30%   |
| Manganese (Mn) soluble in water | 1,20%   |
| Zinc (Zn) soluble in water      | 2,50%   |

## COOPER SOURCE 100



### FEATURES

COOPER SOURCE 100 is a product developed for the prevention and correction of copper deficiencies. The copper present in the formulation of COOPER SOURCE 100 is complexed by citric acid. Copper acts as a catalyst for numerous enzymatic reactions, is part of the oxidase of ascorbic acid, phenol and cytochrome as well as the electron transport system of photosynthesis.

It favors the utilization of nitrogen, protein synthesis and acts as a stabilizer of chlorophyll.

Copper deficiency is manifested by necrosis on the leaves. As a result, fruit quality and abnormal development and coloring can be seen in the affected plants. COOPER SOURCE 100 is a new formulation that allows rapid absorption and availability of copper within the plant, maximizing application efficiency.

| GUARANTEED ANALYSIS                            | (% M/M) |
|------------------------------------------------|---------|
| Copper (Cu) soluble in water                   | 10,00%  |
| Soluble in water and chelated with citric acid |         |

## APPLICATION

COOPER SOURCE 100 is recommended to prevent and correct copper deficiencies. Recommended application rates may vary depending on the severity of the deficiency, climatic conditions, soil type, etc. Apply foliar applications or dilute in irrigation water

## ULTRA FERRO GOLF



### FEATURES

ULTRA FERRO GOLF is a concentrated liquid fertilizer with nitrogen and iron to effectively increase the green and liveliness of sports and golf courses. After application, the nutrients are quickly absorbed by the lawn, thus providing an immediate green. The product is particularly suitable for quickly reviving the color, especially before tournaments and championships.

### GUARANTEED ANALYSIS

(% M/V)

|                                        |        |
|----------------------------------------|--------|
| Total nitrogen (N)                     | 15,00% |
| Nitrogen (N) urea                      | 15,00% |
| Sulfur trioxide (SO3) soluble in water | 10,00% |
| Iron (Fe) soluble in water             | 8,00%  |
| Copper (Cu) soluble in water           | 0,00%  |
| Manganese (Mn) soluble in water        | 0,02%  |
| Zinc (Zn) soluble in water             | 0,00%  |

## APPLICATION

ULTRA FERRO GOLF can be applied using the usual sprays of phytosanitary products. The recommended amount of water is 600-1,000 l / ha.

On well-nitrogenous lawns, apply the minimum recommended dose. To achieve rapid greening (for example, before a tournament or competition file), administer the product two to four days before the event.

## MAGNUMCITRUS 1000



### FEATURES

MAGNUMCITRUS 1000 is a manganese deficiency corrector, complexed with citric acid. It is presented as a highly concentrated liquid solution. Manganese participates in photosynthesis, in plant respiration mechanisms and in numerous redox enzyme systems. It promotes root development and intervenes in the synthesis of proteins and in the growth of plant cells.

MAGNUMCITRUS 1000 prevents and corrects states of manganese deficiency. It is involved in numerous metabolic processes as well as in the synthesis of proteins and in the formation of sugars. Therefore, it is essential in the improvement of crops. It is a fast-absorbing fertilizer both by foliar and root.

### GUARANTEED ANALYSIS

(% M/V)

|                                                |        |
|------------------------------------------------|--------|
| Manganese (Mn) soluble in water                | 10,00% |
| Soluble in water and chelated with citric acid |        |

## CITRUS ZN 10%



### FEATURES

CITRUS ZN 10% is a zinc corrector, complexed with citric acid. It comes as a highly concentrated liquid solution. Zinc is an essential micronutrient in enzymatic activation and in the synthesis and storage of plant growth hormones (auxins). Participates in protein synthesis and improves photosynthesis.

CITRUS ZN 10% prevents and corrects states of zinc deficiency. Avoid leaf size reduction, internodal chlorosis and decreased plant growth. It absorbs the stress suffered by the plant due to temperature losses.

### GUARANTEED ANALYSIS

(% M/V)

|                                 |       |
|---------------------------------|-------|
| Orange oil                      | 3,30% |
| Manganese (Mn) soluble in water | 1,20% |

## TRIPLE-AXION



### FEATURES

High solubility foliar fertilizer, studied for the compatibility of boron, magnesium and zinc in a single product and to reach its maximum and rapid assimilation.

The combination of boron, magnesium and zinc is very suitable for the application before and after the flower, managing to improve the setting and to obtain a harvest with the right ripeness and of better quality.

Boron, magnesium and zinc are three nutrients that achieve great performance with a small amount. It is a foliar compost to prevent and / or cure the triple deficiencies of boron, magnesium and zinc and, in turn, revitalize the plants

### GUARANTEED ANALYSIS

(% M/M)

|                                  |        |
|----------------------------------|--------|
| Boron (B) soluble in water       | 6,00%  |
| Magnesium (MgO) soluble in water | 10,00% |
| Zinc (Zn) soluble in water       | 10,00% |

## FERROFUL 150



### FEATURES

Product key points

Soluble powder with iron complexed by biologically active mono-di-tri-polysaccharides.

- For the prevention and treatment of iron deficiency in fruit and vegetable crops
- Rapid and efficient penetration through the leaves and the root system of the plant

FERROFUL 150 is a soluble compound in powdered iron and organic molecules obtained by natural protein hydrolysis.

The exclusive formulation with sugar corrects iron deficiencies while simultaneously stimulating the metabolism of the plant.



FERROFUL 150 is suitable for foliar and soil applications; however, we highly recommend foliar application due to the complexing and transporting properties of the sugar formulated in the compound, leading to the rapid and efficient penetration of the iron into the blade. Sugar is a natural chelate able to bind ("bind") with microelements and form a metal complex. Sugar is also very efficient in transporting bound trace elements across cells to sites of use, helping to overcome the chemical and physical barriers of the leaf cuticle, cell wall and lymphatic system. The combination of iron and sugar in the foliar spray solutions leads to an increase in the effectiveness of the treatment and to reduce the rate of application of the fertilizer.

| GUARANTEED ANALYSIS         | (% M/M) |
|-----------------------------|---------|
| Iron (Fe) soluble in water  | 15,00%  |
| Mono-Di-Tri Polysaccharides | 40,00%  |
| Organic carbon (C)          | 15,00%  |

## FERRO IMPERIAL 150



### FEATURES

FERRO IMPERIAL 150 is a corrector of iron chlorosis obtained from soluble powdered iron. Iron is essential in biochemical processes such as photosynthesis and cellular respiration of plants, in the metabolism of carbohydrates, nitrogen reduction and the formation of numerous enzymes. FERRO IMPERIAL 150 prevents and corrects states of iron deficiency. It is an easily assimilable plant fertilizer, thus obtaining immediate results on it.

| GUARANTEED ANALYSIS        | (% M/M) |
|----------------------------|---------|
| Iron (Fe) soluble in water | 15,00%  |

## MAGNO GOLD



### FEATURES

MAGNO GOLD is a magnesium deficiency corrector, it comes as a WP wettable powder. Magnesium forms part of the chlorophyll, so it is involved in the photosynthesis process. This nutrient is involved in numerous enzymatic actions. It favors the assimilation of CO<sub>2</sub>, the absorption of P and the production of sugars. What's more, it participates in plant respiration and the synthesis of carbohydrates, proteins and lipids. MAGNO GOLD prevents and corrects states of magnesium deficiency. Its application is effective in basic natural soils, as well as in those with excesses of calcium, potassium and / or sodium. Participate in the filling of cereals and fruit. It is an easily assimilated fertilizer, so the results are noticeable in a short time. weather

| GUARANTEED ANALYSIS              | (% M/M) |
|----------------------------------|---------|
| Magnesium (MgO) soluble in water | 40,00%  |

## OXITOTAL 300



### FEATURES

Calcium is an essential nutrient for plants. It plays an important role in nutrient absorption, growth and development. It is found in the cell walls of plant tissues and is mainly transported by xylem. Calcium availability is directly related to plant transpiration rates. OXITOTAL 300 is specially formulated to correct calcium deficiencies in the plant. Therefore, its use is recommended from the beginning of the fall of the petal to 1/3 of the size of the fruit. It would also be cost effective in phases of rapid growth.

| GUARANTEED ANALYSIS                  | (% M/M) |
|--------------------------------------|---------|
| Calcium oxide (CaO) soluble in water | 30,00%  |

## FERT K-50 FLOW



### FEATURES

FERT K-50 FLOW flow fertilizer with Potassium and Sulfur. It can be applied to a wide variety of crops, ornamental plants, lawns, greenhouses and other agricultural crops. The potassium requirement of most crops increases significantly during periods of accelerated growth and during fruit development.

#### MAIN ADVANTAGES:

FERT K-50 FLOW maintains the optimal level of potassium in the plant by stimulating metabolic processes. FERT K-50 FLOW pH accelerates the fruiting processes, reaching a homogeneous ripeness and favors the qualitative parameters of the fruit such as size, correlation, flavor, nutritional value and sugar and oil content. FERT K-50 FLOW facilitates the recovery of the optimal level of potassium in the leaves in late winter and spring. FERT K-50 FLOW increases the resistance of plants to conditions of environmental stress and attack by certain fungi. The pH 5 (slightly acidic) favors the compatibility and stability of the mixed products, avoiding their degradation and improving the absorption of the mixed products and their effectiveness.

| GUARANTEED ANALYSIS                                 | (% M/M) |
|-----------------------------------------------------|---------|
| Potassium oxide (K <sub>2</sub> O) soluble in water | 50,00%  |
| Sulfur dioxide (SO <sub>3</sub> ) soluble in water  | 45,00%  |



# ECOLOGICAL - BIO

Ecological and biological agriculture continues to advance increasingly based on five pillars main:

- The protection of the environment and the need to produce healthy food again without causing irreversible damage to ecosystems and people's health.
- Food sovereignty with farmers, because organic farming is possible at a small and medium-scale, allowing a sustainable self-employment option in disadvantaged areas.
- Preservation of native varieties of plants and natural landscapes
- Organic farming promotes access to healthy food.
- Innovation, research and technological development

At Agrochimic, our commitment is serious to guarantee our clients the best products, supply products and services for the protection and nutrition of crops, which are beneficial to the environment, improving production and quality and ensuring our commitment to the safety and responsibility of wildlife, the environment and humanity.





## BIOFIT 760



### FEATURES

BIOFIT 760 new biofungicide developed by FERTI GROW for the control of diseases in the crops of Vegetables, Melon, Cucurbitaceae, Fruit, Vine, Ornamental, Wheat, Barley, Rice, Corn, etc...

BIOFIT 760 contains 230 g / l. tea tree oil (Malaleuca Altermifolia) Its formulation also incorporates 770 g of terpene alcohols as well as all the adjuvants and wetting agents necessary to ensure maximum effectiveness without the need to add any wetting agent. BIOFIT 760 can be used in doses between 1 - 2 liters / Ha.

BIOFIT 760it is a natural biofungicide that acts in a preventive and curative way, inhibiting the development of spore germination, inhibition of mycelial growth and expansive damage; inhibition in the production of sporangia, by suppressing and eradicating the colonies of pathogens present in fruits and leaves.

RESPECT 230 is a non-ionic adjuvant based on Australian tea tree oil (Melaleuca alternifolia) that can be used in the applications of disease control products and foliar fertilizers, in any crop. Due to its oily composition, it can be used as an excellent drift reducer which together with its anti-evaporation effect preserves the size and uniformity of the drops, allowing a greater recovery of impact per square centimeter.

### GUARANTEED ANALYSIS

(% M/M)

|                          |        |
|--------------------------|--------|
| Tea tree oil (Melaleuca) | 23,80% |
| Organic conditioner      | 76,20% |

## BIRDS REP 300



### FEATURES

BIRDS REP 300 is formulated from biodegradable food compounds. For its adverse smell and taste; repels birds and limits the damage they cause.

Mode of action: It irritates the mucous membranes and the trigeminal nerve, therefore the birds must come into contact with the product.

BIRDS REP 300is a repellent product for birds, to limit their feeding in the crops of strawberries, blueberries, raspberries, currants, blackberries, sarsaparillas, strawberries, apple trees and pears, cherry fruits, peach, nectarine, circles, figs, grapes Grapes, Grapes, Grain Cereals such as Corn, Rice, Sorghum, Oats, Millet ... Keep birds away from lawns and ornamental plants, golf courses, playgrounds, parks, grain silos, water fountains (without fish) with water located near airports and decorative fountains. This product has been formulated from food ingredients and is a biodegradable material.

### GUARANTEED ANALYSIS

(% M/V)

|                     |        |
|---------------------|--------|
| Methyl anthranilate | 30,00% |
|---------------------|--------|

## AMBICONTRO



### FEATURES

The new bionematocide developed by Agro Chimica for the control of nematodes in the crops of vegetables, melons, cucurbits, fruit trees, vines, ornaments, wheat, barley, rice, corn, etc ...

Nematodes are microscopic filiform worms that attack a large variety of plants.

They prefer sandy and well-drained soil conditions, which is a characteristic soil where various crops. Nematodes cause direct damage to plant roots. Nematodes, with their piercing and sucking mouths, damage plant cells, causing tissue breakdown and perforation of real estate.

Plants under stress, by nature, have a shortened root system, so nema damages everything is even more significant.

A damaged root system reduces the plant's ability to absorb water and nutrients necessary for growth.

Nematodes increase susceptibility to heat stress and drought.

The lesions caused by roundworms facilitate the entry of secondary fungal infections.

### GUARANTEED ANALYSIS

(% M/M)

|              |        |
|--------------|--------|
| sesame oil   | 70,00% |
| Soy lecithin | 30,00% |

## BIOPROTECT 35%



### FEATURES

BIOPROTECT 35% is obtained from the quillaja saponaria tree (quillay). The final product is a pure quillay extract, natural and rich in all the components originally present in the tree: triterpene saponins, polyphenols, sugars, plant hormones and salts.

BIOPROTECT 35% promotes the growth of root mass, this greater number of roots predisposes the plant to have a greater defense against the presence of nematodes and a better absorption of water and nutrients from the soil.

BIOPROTECT 35% acts by contact and by ingestion and its nematicide properties are attributed to a synergy between the saponins and other active compounds present in the extract, such as tannins and polyphenols.

Due to its natural product characteristics, it is particularly suitable for integrating the Integrated Crop Management Programs and obtaining residue-free crops.

### GUARANTEED ANALYSIS

(% M/V)

|                                      |                  |
|--------------------------------------|------------------|
| Quillay extract (Quillaja saponaria) | 35,00% (350 g/L) |
|--------------------------------------|------------------|



## AGRO SOL DUO 3000



### FEATURES

PROVEN PROTECTION FOR YOUR DOUBLE FUNCTION CROPS

–Preventive-Nematostatic: nematodes are paralyzed when they come into contact with the aqueous solution of the soil in which AGRO SOL DUO 3000 has been dissolved, preventing them from moving and reaching the roots.  
 –Nematicide-curative: even if a nematode reaches the root, contact or ingestion of jugs with AGRO SOL DUO 3000 causes their weakening.  
**WITH THIS DOUBLE PROTECTION YOU CAN HAVE HEALTHIER AND PRODUCTIVE CROPS.**  
 AGRO SOL DUO 3000 contains a high content of indole-3-butyric acid (IBA), this is a broad spectrum auxin type growth regulator. It is used to stimulate the development of the roots of all types of vegetables and vegetables as well as ornamental plants, it is also widely used to increase the size of the fruits.

### GUARANTEED ANALYSIS

(% M/M)

|                             |        |
|-----------------------------|--------|
| Free amino acids            | 3%     |
| Algae                       | 5%     |
| Azadirachtin                | 0,09%  |
| ANA (1-naphthalene acid)    | 0,06%  |
| Cinnamon extract            | 0,05%  |
| IBA (indole-3-butyric acid) | 0,007% |

## GRAMI OXID 700



### FEATURES

GRAMI OXID 700 is a radical stimulant with a "nematicide effect" which acts on eggs, larvae and adults.  
 GRAMI OXID 700 is organic in nature, with a microbial and nematostatic effect.

How does it work? It has a double protective function:

**PREVENTIVE-NEMATOSTATIC:** the nematodes are paralyzed when they come into contact with the aqueous solution of the soil in which GRAMI OXID 700 has dissolved, preventing them from moving and reaching the roots.

**CURATIVE-NEMATICIDE:** even if a nematode reaches the root, contact or ingestion of the squeeze with GRAMI OXID 700 will kill you.

**WITH THIS DOUBLE PROTECTION YOU CAN HAVE HEALTHIER AND PRODUCTIVE CROPS.**  
 GRAMS OXID 700 it is a natural, non-toxic and non-polluting, biodegradable product.

### GUARANTEED ANALYSIS

(% M/V)

|                                              |        |
|----------------------------------------------|--------|
| Plant extracts (Graminea sp.)                | 70,0%  |
| Phosphorus pentoxide (P2O5) soluble in water | 8,0%   |
| Potassium oxide (K2O) soluble in water       | 2,0%   |
| L-amino acids                                | 2,00%  |
| Organic material                             | 18,00% |

### APPLICATION

METHOD OF APPLICATION AS A NEMATICIDE.

## PETULANTE 500



### FEATURES

It is a powerful repellent of botanical origin with a certain bioinsecticidal action, formulated with an extract of seeds and fruits of different plant species.  
 When applied in the crop it creates an unfavorable environment for insects that cause crop damage, producing a loss of appetite effect as they are uncomfortable developing their life cycle. Due to the vapors they emanate they have an effective repellent action against rabbits, hares, birds and other animals harmful to crops.  
 It has a spicy and irritating action, the mechanism of action of which is by contact although it also penetrates the leaves when they have a systemic and translaminar effect.  
 It acts as a repellent against insects and moth larvae. Due to the vapors it emits, it performs an effective repellent action against rabbits, hares, birds and other animals harmful to crops. For foliar application and fertigation in all types of crops.

### GUARANTEED ANALYSIS

(% M/M)

|                                        |       |
|----------------------------------------|-------|
| Capsium Oleoresin (hot pepper extract) | 5,00% |
|----------------------------------------|-------|

## AGRO PROTECT 80%



### FEATURES

AGRO PROTECT 80% is a hydroalcoholic extract from the bark of the mimosa tree that prevents, reduces or mitigates diseases caused by fungi in fruit and vegetables such as alternaria, anthracnose, botrytis, cercosporiosis, sclerotia, Fusarium spp., Soil and soil fungi, neck, mottled, powdery mildew, etc. Applied in advance, a programmed plan prevents the reproduction and development of these pathogens.

AGRO PROTECT 80% helps the vegetable to form a protective layer on the surface of the leaves, fruits and stems that prevents microorganisms from accessing the nutrients they need, they do not grow or multiply, so the progression of the disease is interrupted and the protected plant. The protective efficacy of the mantle is due to the mimosa extract which contains substances (flavonoids, tannins, saponins, alkaloids, etc.) which inhibit the extracellular enzymes excreted by pathogenic microorganisms to obtain nutrients from plant tissues.

### GUARANTEED ANALYSIS

(% M/V)

|                |        |
|----------------|--------|
| Mimosa extract | 80,00% |
|----------------|--------|

## GARLIC PLUS



### FEATURES

Garlic has been used to scare away insects for over a hundred years and is currently licensed in organic farming. Despite being systemic, it does not alter the color or flavor of plants or fruits.

References to new uses are ongoing and their applications include protection against fungi, mosquito larvae, nematodes, mites in animals, antibiotics in poultry, cattle and fish feed. It has also been used as a repellent for deer, birds and mice.

Garlic, *Allium sativum*, known to all as a food, to flavor foods to which it gives a very characteristic flavor and as a medicine, is a natural alternative against parasites of mites, snails, miners, suckers, borers, chewers, aphids, aphids, bacteria, fungi and nematodes.

The garlic extract is completely biodegradable, it does not alter the smell or taste of the leaves or fruits, whatever the crop in which it is applied.

### GUARANTEED ANALYSIS

(% M/M)

|                                                |        |
|------------------------------------------------|--------|
| Essential garlic extract ( <i>Allium</i> spp.) | 99,80% |
| Adjuvants                                      | 0,20%  |

## COLORO ACTIV 500



### FEATURES

CHLORO ACTIV 500 is a broad spectrum disinfectant that controls bacteria, fungi, viruses and nematodes. It does not produce residuality or phytotoxicity. It interrupts the process of phosphorylation of pathogens, this means that it exchanges electrons and protons with pathogenic cells, destroying the cell membrane and oxidizing the oxygen molecules with the action. For this reason, no pathogen can show resistance to CHLORO ACTIV 500. Being a liquid solution it can be applied in the irrigation system and by sprinkling to control diseases transmitted by spores.

### GUARANTEED ANALYSIS

(% M/M)

|                  |       |
|------------------|-------|
| Chlorine dioxide | 50,0% |
| Activator        | 50,0% |

## COBRE TOTAL



### FEATURES

COPPER TOTAL is a formula based on stable copper gluconate, easily absorbed and rapidly translocated into all plant organs (systemic product). It was developed in such a way as to be able to simultaneously cover several objectives in the plant: to supply copper and to preserve plant anomalies derived from predominantly abiotic adversities. Its formulation allows good efficiency with low copper concentrations per hectare, which implies a reduction in waste and allows both foliar and root application. COPPER TOTAL copper gluconate easily passes through the cuticle which catalyzes the biosynthesis of phytoalexins. These phytoalexins are mainly terpenic in nature. (pollin phase, genistein, rishitin, pisatin, etc.).

### GUARANTEED ANALYSIS

(% M/M)

|                              |        |
|------------------------------|--------|
| Copper (Cu) soluble in water | 8,00%  |
| copper gluconate Copper      | 40,00% |

## COBRE FULL



### FEATURES

COBRE FULL is a formula based on stable copper gluconate, easily absorbed and rapidly translocated to all the organs of the plant (systemic product). It was developed in such a way as to be able to simultaneously cover several objectives in the plant: to supply copper and to preserve plant anomalies derived from predominantly abiotic adversities. Its formulation allows good efficiency with low copper concentrations per hectare, which implies a reduction in waste and allows both foliar and root application.

### GUARANTEED ANALYSIS

(% M/V)

|                              |        |
|------------------------------|--------|
| Copper (Cu) soluble in water | 10,00% |
|------------------------------|--------|

### APPLICATION

The total number of applications will depend on the crop and the degree of disease or deficiency, in the range of doses for foliar application, for woody crops that use the highest rates in autumn and lowest in spring.

COBRE FULL can be applied both by foliar and by irrigation, as it is easily absorbed by the plant. Its use is recommended for all types of crops. Its application is recommended in the growth stages most subject to needs.

## SULFAMIX 750



### CARACTERÍSTICAS

SULFAMIX 750 is a broad spectrum, preventive action, contact fungicide and bactericide that ARANCIO SAFT comes in FLOW formulation. It is composed of 20% copper sulphate, which reaches a neutral pH, which minimizes risks and toxicity.

Particularly active against Botrytis, Oidium, Sclerotinia, Alternaria, Fusarium, different types of bacteria and repili.

### GUARANTEED ANALYSIS

(% M/M)

|                                            |        |
|--------------------------------------------|--------|
| Copper (Cu) soluble in water               | 20,00% |
| copper sulphate                            | 75,00% |
| Sulfur (SO <sub>3</sub> ) soluble in water | 26,00% |



## CITRUS COMPACT 20



### FEATURES

Botanical extract to control rot, fungi and bacteria. Systemic  
In post-harvest: improves the shelf life, appearance and quality of the fruit.

### CHARACTERISTICS

Persistence: High

Waste: 0

Safety period: 0

The mechanism of action of CITRUS COMPACT 20 is the alteration of the permeability of the membranes.

By means of the inhibition of the respiratory processes, the plant is protected. The plant is equipped to give resistance responses before the pathogenic mechanisms, thus interrupting the chain of deterioration of the plant.

### GUARANTEED ANALYSIS

(% M/M)

Citrus seed extract

20,00%

## CITRUS PLATINUM



### FEATURES

CITRUS PLATINUM is a product particularly suitable for management programs in various crops affected by insects, it can be used in mixture with traditional pesticides. It is an organic product with a contact effect that stimulates the defense reactions of the plant, reducing the incidence of parasites.

### GUARANTEED ANALYSIS

(% M/M)

Citrus seed extract

70,00%

## CITRUS ZIMIT 300



### FEATURES

CITRUS ZIMIT 300 is a product formulated from a mixture of two natural extracts which improves the inducing effect of plant defenses; Action by contact, it disintegrates the coating, deploying the chitin of the insect's body. It has a repellent effect that alters the smell of the plant, confusing the insect.

CITRUS ZIMIT 300 shows great respect for beneficial insects.

### GUARANTEED ANALYSIS

(% M/M)

Cinnamon extract (*Cinnamomum zeylyicum*)

50,00%

Citrus extract

30,00%

## CITRUS DUO 600



### FEATURES

CITRUS DUO 600 is a formulation based on the mixture of two plant extracts, which combine different stimulating pathways on plant defenses

### GUARANTEED ANALYSIS

(% M/M)

Mimosa tenuiflora extract

60,00%

Citrus seed extract

20,00%

## POTASIO CURE



### FEATURES

POTASIO CURE is a product that effectively combines the surfactant and dispersing effect of fatty acids. The fatty contribution of fatty acids together with the effect of potassium, as a structuring element, adequately prepares the surface of the leaf, avoiding the attack of various harmful insects. It also produces a washing effect when POTASIO CURE is sprayed under high pressure.

### GUARANTEED ANALYSIS

(% M/M)

Potassium soap from vegetable oils

35,00%

## AGRO HEALTH



### FEATURES

AGRO HEALTH, is a natural, long-spectrum, fast-contact insecticide, which is extracted from the dried flowers of certain chrysanthemum (*Tanacetum cinerariifolium*). The active ingredient is pyrethrin. As it stands, plant extracts also contain other substances. Sesame oil is an adjuvant for a synergistic effect (increases the effect). The active substances are rapidly degraded by sunlight and are only effective for a short time.

### GUARANTEED ANALYSIS

(% M/M)

Pyrethrins

8,00%

Refined sesame oil

36,00%

## BIO PROTECTOR 100



### FEATURES

Product particularly suitable for aphids, bed bugs, leaf miners, mites, thrips, mosquitoes and to enhance the action of other insecticides with which it can be mixed. It is an organic contact insecticide which acts by inhibiting the cell membrane of insects, nymphs and mites, preferably white-bodied insects and larvae at levels L1 and L2.

Advantages of BIO PROTECTOR 100:

- Product of natural origin.
- It leaves no residue so there is no safety period after its application.
- Does not create resistance.
- Safe for applicators.
- Extends fruit storage.
- Improve the effectiveness of other treatments.

| GUARANTEED ANALYSIS                  | (% M/M) |
|--------------------------------------|---------|
| Tobacco Extract (Nicotina tabacum L) | 100,00% |

## BIO ACTIVE 80



### FEATURES

BIO ACTIVE 80 is extracted from red thyme extract. It is a powerful attractor of pollinators, favoring the pollinating activity of insects and complementing the action of the wind and the spontaneous self-pollination of the flower.

BIO ACTIVE 80 favors the yield and biomass production of various crops. It can be applied in any crop, outdoors or indoors.

BIO ACTIVE 80 increases pollination activity by massively attracting pollinating insects to crops you need.

| GUARANTEED ANALYSIS | (% M/M) |
|---------------------|---------|
| red thyme           | 80,00%  |

## PIETRO N 600



### FEATURES

Insecticide obtained from pyrethrum extract or dried flowers of Chrysanthemum (Pyrethrum) Cinerarietifolium from Kenya characterized by its rapid contact action, low toxicity for mammals, low risk of emergence of resistance and broad spectrum of activity

| GUARANTEED ANALYSIS            | (% M/M) |
|--------------------------------|---------|
| Pure natural pyrethrum extract | 6,00%   |

## AGRO OIL PLUS 800



### FEATURES

AGRO OIL PLUS 800 is a product formulated based on a hydroalcoholic vegetable extract and essential oils also of vegetable origin. Its form of action is basically as an anti-food repellent and as an oviposition repellent. Its active components show no direct biocidal effect. It is a natural, biodegradable product, it leaves no residue.

Profits:

Allows you to avoid or mitigate the attacks of the "tomato miner" (Tuta absoluta).

It has no direct biocidal activity.

It is a natural, biodegradable product, it leaves no residue.

It is fully compatible with the auxiliary fauna (Nesidiocoris tenuis, Amblyseius swirskii, Orius, laevigatus). It can be included in biological control programs.

| GUARANTEED ANALYSIS           | (% M/M) |
|-------------------------------|---------|
| Vegetable extracts of legumes | 8,00%   |
| Vegetable oils                | 10,00%  |

## ORTIGA 1000



### FEATURES

Aqueous concentrate of Nettle plant extracts traditionally used in organic farming.

| GUARANTEED ANALYSIS | (% M/M) |
|---------------------|---------|
| Nettle extract      | 100,00% |

## INSEKTCONTROL



### FEATURES

Botanical extract of cinnamon and neem which turns out to be a very effective product against all types of insects.

| GUARANTEED ANALYSIS           | (% M/M) |
|-------------------------------|---------|
| Cinnamon extract and Neem oil | 100,00% |



## AGRONEEM 700



### FEATURES

AGRONEEM 700 is a totally natural product, free from residues extracted from the seeds of fruits of various tropical trees, whose main component is the oil of the seeds of the Neem tree (*Azadirachta indica*).

The oily fraction of the extract has several components that favor the systemic action in the crop where it is found, both in the foliar supplies and in the absorption of the product by fertigation.

The application of AGRONEEM 700 favors in the plant a defense reaction against parasitic insects, providing it with mechanisms to prevent them from eating it and reproducing.

All these actions, being complementary and simultaneous, significantly reduce insect populations after application of the product. This action is very important in small insects (aphids, thrips, whiteflies, leaf miners and other moths).

| GUARANTEED ANALYSIS             | (% M/V) |
|---------------------------------|---------|
| Neem seed extract (natural oil) | 70,00%  |
| Conditioners (adjuvants)        | 30,00%  |

## CULTI MOK 100



### FEATURES

CULTI MOK 100 carries out a preventive and curative action on crops particularly affected by fungi and bacteria. Above Post-harvest, it prolongs the useful life of fruit and vegetables by minimizing the fungicidal and bactericidal load to obtain quality products.

The ionic activity of the extract allows it to penetrate the cell wall of microorganisms and destroy them without altering them to the plant in general and / or to the fruit.

CULTI MOK 100 is suitable for the following crops: flowers, ornamental plants, fruit trees, vines and vegetables.

| GUARANTEED ANALYSIS | (% M/M) |
|---------------------|---------|
| Carvacrol / thymol  | 100,00% |

## BACTRO 600



### FEATURES

BACTRO 600 is a natural bactericide and fungicide, with very low toxicity for humans and animals. Particularly suitable for the control of *Botrytis cinerea* and acid rot in table grapes, pisquera and vinifera.

Due to its characteristic as a natural organic product, it can be used in the harvest without residue problems (0 days of shortage) ensuring a good post-harvest.

BACTRO 600 controls *Botrytis* breeds resistant to benzimidazole and dicarboxymide fungicides.

| GUARANTEED ANALYSIS                                           | (% M/M) |
|---------------------------------------------------------------|---------|
| Citrus seeds and enamel extract associated with Bioflavonoids | 100,00% |

## BACTRO B-A85



### FEATURES

BACTRO B-A85 is a natural fungicide and bactericide, with very low toxicity for humans and animals.

Particularly suitable for the control of *Botrytis cinerea*, acid rot and powdery mildew in table grapes, pisquera and vinifera grapes.

Due to its characteristic of a natural organic product, it can be used in the harvest without residue problems. (0 days of grace period) ensuring an excellent post-harvest.

BACTRO B-A85 controls *Botrytis* breeds resistant to benzimidazole fungicides and dicarboxymides.

BACTRO B-A85 does not require preparation, it is ready to be used directly by dusting.

| GUARANTEED ANALYSIS          | (% M/M) |
|------------------------------|---------|
| Citrus pulp and seed extract | 14,70%  |
| Bioflavonoids                | 0,30%   |
| Sulfur DP (dry powder)       | 85,00%  |

## BACTRO AZU 63



### FEATURES

BACTRO AZU 63 is a natural fungicide-bactericide, with a broad spectrum of action, which effectively controls the cause of acid rot and *Botrytis* (*Botrytis cinerea*) in the vine.

BACTRO AZU 63 contains three active ingredients in its formulation with different modes of action that do not present cross-resistance and that complement and enhance each other, strengthening the simultaneous control of the main diseases of the vine, constituting an effective alternative to avoid or delay the appearance of resistant bacteria and fungi breeds, being a tool to be used in anti-resistance programs BACTRO AZU 63 no Requires preparation, arrives ready to be used directly by dusting.

| GUARANTEED ANALYSIS          | (% M/M) |
|------------------------------|---------|
| Citrus pulp and seed extract | 10,00%  |
| Copper oxychloride           | 17,00%  |
| Sulfur                       | 63,00%  |

## AMARA PLUS 100



### FEATURES

The Quassia amara plant, also called amara, is equipped with natural active ingredients that control broad-spectrum insects.

Quassia amara itself is a perfect insect inhibitor that acts by contact and ingestion. Its action is not shocking but stops the development and proliferation of parasites and causes their rejection due to the bitterness it confers.

The plant is immunized or discriminated against parasites that try to feed on it.

| GUARANTEED ANALYSIS   | (% M/M) |
|-----------------------|---------|
| Quassia Amara extract | 100,00% |

## BACTRO FLIUD 500



### FEATURES

BACTRO FLIUD 500 is a natural bactericide and fungicide, with very low toxicity for humans and animals. Particularly suitable for the control of Botrytis cinerea in grapevines, berries, tomatoes, paprika and other vegetables. What's more, it exerts an action on post-harvest fungi such as: Penicillium sp., On citrus and stone fruit, helping to delay resistant breeds, Botrytis cinerea in pietra and Erwinia sp. in asparagus.

Due to its characteristic as a natural organic product, it can be used in the harvest without residue problems (0 days of grace) ensuring a good post-harvest. The maximum number of applications of the product is 3-5 times per growing season, and the frequency of application is 7-10 days.

BACTRO FLIUD 500 has no shortage limits on applications until harvest.

| GUARANTEED ANALYSIS                                        | (% M/M) |
|------------------------------------------------------------|---------|
| Citrus pulp and seed extract associated with Bioflavonoids | 50,00%  |

## AGRO ORGANIC 800



### FEATURES

AGRO ORGANIC 800 is an organic humic soil improver in pellet format with physical and chemical characteristics that improve the physical, chemical and biological structures of the soil for its correct edaphic development, as well as supplying nutrients to the crop; therefore it helps the optimal growth and evolution of the crop in the different plant phases. AGRO ORGANIC 800 has a high content of Nitrogen (N), about 4.5% and a high content of organic material; characteristics that give the product the solution to improve soil structure and fertility.

AGRO ORGANIC 800 provides a high content of organic matter to the soil, as well as maintaining a stable carbon / nitrogen ratio (C / N).

AGRO ORGANIC 800 is biologically stable and once incorporated into the soil, it reduces the variations in nitrogen concentrations caused by decomposing microorganisms.

| GUARANTEED ANALYSIS                         | (% M/M)      |
|---------------------------------------------|--------------|
| Organic material                            | 80,00%       |
| Fulvic acids                                | 45,00%       |
| Organic carbon (C)                          | 31,80%       |
| Lignin                                      | 13,00%       |
| Total Nitrogen (N)                          | 4,50%        |
| Pentóxido de Fósforo (P2O5) soluble en agua | 5,00%        |
| Potassium oxide (K2O) soluble in water      | 5,00%        |
| Calcium (CaO) soluble in water              | 9,00%        |
| Magnesium (MgO) soluble in water            | 0,80%        |
| Iron (Fe) soluble in water                  | 506,10 mg/Kg |
| Manganese (Mn) soluble in water             | 297,50 mg/Kg |
| Copper (Cu) soluble in water                | 37,50 mg/Kg  |
| Zinc (Zn) soluble in water                  | 531,80 mg/Kg |

## CULTICURE 460



### FEATURES

CULTICURE 460 is a biological contact fungicide with preventive and curative action for the control of powdery mildew and botrytis in various crops. Its mechanism of action is multiple, attacking from several points, ensuring the prevention and control of phytopathogenic fungi without generating resistance, since the active ingredient of CULTICURE 460 (potassium hydrogen carbonate) makes adaptation impossible.

Benefits of potassium for plants:

- Improve the tolerance of plants to frost. Potassium helps maintain a thick cell wall, as well as increase the concentration of electrolytes in the cell. This helps the plant increase its frost resistance.
- Increase the resistance of plants to diseases. Potassium removes the buildup of small non-protein carbohydrate and nitrogen chains, which are breeding grounds for bacteria, fungi, nematodes and viruses.
- CULTICURE 460 increases drought tolerance, as it favors the settlement and growth of the root system which allows greater absorption of water from the soil, as well as its retention in the plant in an optimal way.

| GUARANTEED ANALYSIS                    | (% M/M) |
|----------------------------------------|---------|
| Potassium oxide (K2O) soluble in water |         |
| Potassium hydrogen carbonate           | 46,00%  |



# FERTILIZERS FOLIARS

Foliar nutrition has proven to be an efficient way of curing nutritional deficiencies in plants, plants and promote their development in specific physiological stages. In this method of fertilization of plants the solution is sprayed directly on the leaves of the plants. Foliar nutrition with Foliar fertilizers can provide the nutrients required for normal crop development in cases where the absorption of nutrients by the root system has been altered.

It is well known that certain stages of plant development are of the greatest importance in determining the final yield, foliar nutrition with fully soluble fertilizers in water it significantly increases yields and improves its quality. Since the absorption of nutrients through the foliage is considerably faster than through the roots, foliar application is also the method of choice when correction of deficiencies is needed nutritional.





## MATUR NN



### FEATURES

MATUR NN contains a high percentage of liquid potassium for immediate use and rapid absorption by all crops. Potassium improves the organoleptic quality of fruit, vegetables and industrial crops, as well as the coloring of the flowers of ornamental plants. Applied at the end of the vegetative phase (before harvesting or harvesting) it anticipates ripening, increases resistance to drought and climatic adversities. The presence of an adequate dose of chelating agent guarantees the full availability of potassium, regardless of the quality of the water used for foliar and fertigation treatments.

### GUARANTEED ANALYSIS

(% M/M)

|                                                         |        |
|---------------------------------------------------------|--------|
| Total nitrogen (N)                                      | 3,00%  |
| Potassium oxide (K <sub>2</sub> O) soluble in water     | 32,00% |
| Chelating agent: ethylenediaminetetraacetic acid (EDTA) |        |

### USE

Apply in moments of greatest need and rapid response of the plant (fruit set, fattening and pre-harvest).

## SUPREM PK 560



### FEATURES

SUPREM PK 560 is a functional fertilizer recommended for most crops when high amounts of effective phosphorus and potassium are needed. At the beginning of growth, it promotes root development and hardening of green tissues. It improves and provides early flowering, increasing the fertility of vegetables, fruits and ornamental plants.

SUPREM PK 560it is also very effective on vegetables and fruit trees in the final phase of fruit ripening. Brix, texture, color and post-harvest shelf life have been significantly improved. Phosphorus is a macronutrient necessary for many essential plant processes. It plays a vital role in those processes that require energy transfer as in the case of photosynthesis. It is also a necessary nutrient for seed formation and development. Potassium increases photosynthesis and participates in the plant's water regulation mechanisms. It is also an essential nutrient in the production of proteins and in the synthesis of carbohydrates. Activates the respiratory processes mobile phone.

### GUARANTEED ANALYSIS

(% M/M)

|                                                                        |     |
|------------------------------------------------------------------------|-----|
| Phosphorus pentoxide (P <sub>2</sub> O <sub>5</sub> ) soluble in water | 43% |
| Potassium oxide (K <sub>2</sub> O) soluble in water                    | 56% |

## DIRECT NN



### FEATURES

DIRECT NN is a highly concentrated phosphorous NPK fertilizer. Soluble formulation and for foliar application.

DIRECT NN is appropriate in prayer. Provides vitality to the flower, turgor to the petals and quality to the pollen; what I know translates into an increase in the percentage of fruit set. Its contribution of phosphorus enhances the process of photosynthesis, stimulates the root and general growth of the plant.

DIRECT NN, due to its special formulation, improves the nutritional status of the plant, favors the dilation of the stomata, and consequently, the adhesion and penetration of the product through the sheet. Also, the addition of mono-di-tri polysaccharides facilitate the healing of plant tissue.

### GUARANTEED ANALYSIS

(% M/V)

|                                                                        |        |
|------------------------------------------------------------------------|--------|
| Nitrogen (N) Total                                                     | 6,00%  |
| Phosphorus pentoxide (P <sub>2</sub> O <sub>5</sub> ) soluble in water | 24,00% |
| Potassium oxide (K <sub>2</sub> O) soluble in water                    | 6,00%  |
| Mono-di-Tri polysaccharides                                            | 5,00%  |

## HIGHTFOL NK



### FEATURES

Thanks to the physical characteristics of the HIGHTFOL NK product; liquid emulsion, we obtain the optimization of the absorption of nutrients (nitrogen and potassium) and a longer stay of the product on the leaf, so that the period of effectiveness of the application is extended.

Potassium plays an essential role in the development of the plant and is a determining factor in the quality of the fruit, to the extent that it is directly related to the synthesis of sugars.

Proper potassium nutrition improves the plant's resistance to drought, water stress and disease attacks.

### GUARANTEED ANALYSIS

(% M/V)

|                                                     |        |
|-----------------------------------------------------|--------|
| Total Nitrogen (N)                                  | 11,00% |
| Nitrogen (N) Nitric                                 | 11,00% |
| Potassium oxide (K <sub>2</sub> O) soluble in water | 39,00% |



## AGRO GOLD



### FEATURES

AGRO GOLD contains seaweed extract to create a concentrated emulsion of macro and micronutrients. It increases crop production in situations of stress caused by high temperatures, water shortages and viruses. AGRO GOLD includes essential nutrients and organic matter from seaweed extract. Stimulates root development, nutrients and water absorption. AGRO GOLD is recommended for stimulating the general metabolism of crops. The AGRO GOLD application produces better root development, more vigorous growth, greater resistance to disease and pathogenic insects and a reduction in frost damage.

| GUARANTEED ANALYSIS                          | (% M/V) |
|----------------------------------------------|---------|
| Total Nitrogen (N)                           | 24,40%  |
| Phosphorus pentoxide (P2O5) soluble in water | 11,20%  |
| Potassium (K2O) soluble in water             | 17,40%  |
| Amino acids                                  | 1,20%   |
| auxins                                       | 0,60%   |
| Cytokinins                                   | 2,00%   |
| Boron (B) soluble in water                   | 150 g/L |
| Copper (Cu) soluble in water                 | 310 g/L |
| Iron (Fe) soluble in water                   | 750 g/L |
| Manganese (Mn) soluble in water              | 310 g/L |
| Molybdenum (Mo) soluble in water             | 80 g/L  |
| Zinc (Zn) soluble in water                   | 760 g/L |

## NUTRIFOL



### FEATURES

NUTRIFOL is a highly concentrated suspension formulation that contains NPK and microelements, enriched with amino acids, which favor their absorption and metabolization, providing energy to plants, making them more resistant to stress. High in N content with an adequate nutritional balance to promote root growth and early development of the plant. Its adjuvants favor the rapid absorption of all the elements of the formulation, reducing washing losses. Its pH reduces alkaline waters, provides greater stability and effectiveness in the application of mixtures.

| GUARANTEED ANALYSIS                          | (% M/M) |
|----------------------------------------------|---------|
| Total nitrogen (N)                           | 16,50%  |
| Ammonia nitrogen (N)                         | 1,50%   |
| Nitrogen (N) Nitric                          | 2,60%   |
| Nitrogen (N) urea                            | 12,30%  |
| Phosphorus pentoxide (P2O5) soluble in water | 7,60%   |
| Potassium oxide (K2O) soluble in water       | 11,70%  |
| Boron (B) soluble in water                   | 0,10%   |
| Copper (Cu) soluble in water                 | 0,02%   |
| Iron (Fe) soluble in water                   | 0,05%   |

|                                  |         |
|----------------------------------|---------|
| Manganese (Mn) soluble in water  | 0,02%   |
| Molybdenum (Mo) soluble in water | 0,05%   |
| Total amino acids                | 0,80%   |
| auxins                           | 0,41%   |
| Cytokinins                       | 1,35ppm |

## NUTRICORN



### FEATURES

NUTRICORN is a concentrated solution that includes those key nutrients to achieve optimal and quality yields in corn cultivation. Designed for foliar application, NUTRICORN includes phosphorus, potassium, magnesium and zinc, essential nutrients for optimal corn yield. This translates into higher plant performance and therefore revenue growth. Furthermore, crops that receive the correct balance of nutrients not only vegetate better in good growing conditions, but are also better able to withstand the stressful conditions and strain required at each stage of development. It stimulates nutrition at the beginning of the vegetative restart of corn and all demanding crops in this phase (citrus, beans, flax, etc.)

| GUARANTEED ANALYSIS                          | (% M/V) |
|----------------------------------------------|---------|
| Phosphorus pentoxide (P2O5) soluble in water | 5,10%   |
| Potassium oxide (K2O) soluble in water       | 32,00%  |
| Magnesium oxide (MgO) soluble in water       | 4,50%   |
| Zinc (Zn) soluble in water                   | 3,10%   |

## MAGNITRAT



### FEATURES

MAGNITRAT is a fertilizer rich in nitrogen and magnesium, which offers plants readily available magnesium, essential for proper development. The nitrogen present in MAGNITRAT facilitates the absorption of magnesium by the plant, thus improving its efficiency. It also enriches the nutrition of the plant with easily available and absorbed nitrogen.

Advantages of MAGNTRAT:

- Avoid and correct magnesium deficiencies.
- It improves the activity of chlorophyll and increases the green color of the leaves.
- Composed of 100% nutrients.
- It does not contain chlorine, sodium or other harmful elements.
- It dissolves quickly and completely in water.
- Ideal for effective application through Fertigation and / or foliar applications.

| GUARANTEED ANALYSIS                    | (% M/V) |
|----------------------------------------|---------|
| Total Nitrogen (N)                     | 11,00%  |
| Nitric nitrogen (NO3)                  | 11,00%  |
| Magnesium oxide (MgO) soluble in water | 16,00%  |
| Potassium oxide (K2O) soluble in water | 9,60%   |



## MATUR K EXTRA



### FEATURES

Nutrient with a maximum potassium content, completely available and rapidly absorbed for cultivated plants. Applied as a supplementary contribution of potassium in the vegetative period and at certain moments of the cycle, such as fruiting and ripening, it causes significant increases in size, accelerating the typical ripening processes favoring a general strengthening of the plant against climatic adversities (cold and drought) and illnesses.

It is recommended in all crops that have an extra need for potassium as one of the primary nutrients. It must be used in crops without magnesium and / or calcium deficiencies (if present, they must be corrected). The presence of magnesium next to potassium avoids the imbalance in the absorption of the two elements, which is frequent when high amounts of potassium are supplied. In case of potassium-calcium-magnesium imbalance physiopathy, it is recommended in these cases to apply it with our GLUCO MAGNESIUM magnesium corrector and our GLUCO CALCIUM calcium corrector .

### GUARANTEED ANALYSIS

(% M/V)

|                                                         |        |
|---------------------------------------------------------|--------|
| Total Nitrogen (N)                                      | 3,00%  |
| Potassium oxide (K <sub>2</sub> O) soluble in water     | 50,00% |
| Chelating agent: ethylenediaminetetraacetic acid (EDTA) | 10%    |

## SUPREM K MIX



### FEATURES

The union of macronutrients (N and K) with amino acids and above all with LIGNOSULFONATE as a complexing agent, make SUPREM K MIX a unique product in the nutritional market of olives. Being able to say it in it is ensured an immediate shock effect, circulating each of the nutrients supplied and available to the fruit in less than 1 hour, especially the (K) Potassium, which will mean a greater increase in sugars in the fruit, greater weight. and therefore higher fat yield.

The plant absorbs potassium from the soil solution only as a potassium ion. This is very mobile in the plant. Potassium is essential for the plant, because it affects multiple tasks of its metabolism.

### GUARANTEED ANALYSIS

(% M/M)

|                                                     |        |
|-----------------------------------------------------|--------|
| Total Nitrogen (N)                                  | 6,00%  |
| Organic nitrogen (N)                                | 1,00%  |
| Urea Nitrogen (N)                                   | 5,00%  |
| Potassium oxide (K <sub>2</sub> O) soluble in water | 42,00% |
| Total amino acids                                   | 2,00%  |
| Chelating agent: Lignosulfonates                    | 20,00% |

## MATUR AA 500



### FEATURES

MATUR AA 500 is a formula with a high concentration of Potassium and LLa amino acids. The synergy between Potassium and LLa amino acids improve the absorption, translocation and activity of Potassium within the plant.

MATUR AA 500 has a neutral pH which allows full compatibility with hard water, phytosanitary treatments and fertilizers.

ADVANTAGES of MATUR AA 500:

- MATUR AA 500 maintains the optimal level of potassium in the plant by stimulating metabolic processes
- MATUR AA 500 accelerates the fruiting processes, reaching a homogeneous ripening and favors the qualitative parameters of the fruit such as size, correlation, flavor, nutritional value and sugar content and oil.
- MATUR AA 500 facilitates the recovery of the optimal level of potassium in the leaves in late winter and spring.
- MATUR AA 500 increases the resistance of plants to environmental stress conditions and to the attack of certain fungi
- The neutral pH (7) favors the compatibility and stability of the mixed products avoiding their degradation and improving the absorption of the products of the mixture and its effectiveness.
- The amino acids present in MATUR AA 500 facilitate the assimilation and the speed of penetration of potassium through cell membranes, facilitating their arrival at the question marks

### GUARANTEED ANALYSIS

(% M/M)

|                                                     |        |
|-----------------------------------------------------|--------|
| Potassium oxide (K <sub>2</sub> O) soluble in water | 23,00% |
| Free amino acids                                    | 5,00%  |

## MATUR POTASIO



### FEATURES

MATUR POTASIO is a formula with a high concentration of Potassium, has a neutral pH that allows total compatibility with hard water, phytosanitary treatments and fertilizers.

BENEFITS of MATUR POTASIO:

- MATUR POTASIO maintains the optimal level of potassium in the plant by stimulating metabolic processes
- MATUR POTASIO accelerates the fruiting processes, reaching a homogeneous ripeness and favors the quality parameters of the fruit such as size, correlation, flavor, nutritional value and sugar content and oil.
- MATUR POTASSIUM facilitates the recovery of the optimal level of potassium in the leaves in late winter and spring.
- MATUR POTASIO increases the resistance of plants to environmental stress conditions and to the attack of certain fungi
- The neutral pH (7) favors the compatibility and stability of the mixed products avoiding their degradation and improving the absorption of the products of the mixture and its effectiveness.

### GUARANTEED ANALYSIS

(% M/M)

|                                                     |        |
|-----------------------------------------------------|--------|
| Potassium oxide (K <sub>2</sub> O) soluble in water | 15,00% |
|-----------------------------------------------------|--------|



## MATUR SPEED



### FEATURES

MATUR SPEED is a nutrient with a high content of nitrogen, magnesium and potassium. Thanks to its formulation it is rapidly absorbed both by the leaves and by the roots. The presence of a chelating agent makes potassium is available in the organs of the plant that need it most, especially the fruits. Potassium increases the photosynthetic activity and intervenes in the water regulation mechanisms of the plant. It is a necessary nutrient in the formation of proteins and in the synthesis of carbohydrates. It acts as an activator in cellular respiration processes and allows the active conformation of numerous enzymes. MATUR SPEEDit is a potassium deficiency corrector that enhances the plant's resistance to fatigue situations. It participates in the filling and ripening of the fruit by activating certain growth enzymes. Increase the sugar content and facilitate the assimilation of Calcium and Magnesium. The result, after applying MATUR SPEED , is a harvest with fruits of a larger size, with a better appearance and more homogeneous with each other.

### Advantages of MATUR SPEED:

Due to its high potassium content, applied at specific times (such as fruiting and ripening), it can lead to great changes, such as:

- Increase in fruit size.
- Acceleration of ripening processes.
- Improvement of color, fat components, sugar content, etc.
- Upgrading of the plant in conditions of deficit, adverse climatic conditions, etc.

### GUARANTEED ANALYSIS

(% M/M)

|                                                         |        |
|---------------------------------------------------------|--------|
| Total nitrogen (N)                                      | 3,00%  |
| Potassium oxide (K <sub>2</sub> O) soluble in water     | 50,00% |
| Magnesium oxide (MgO) soluble in water                  | 1,00%  |
| Chelating agent: ethylenediaminetetraacetic acid (EDTA) | 5,00%  |

## MATUR PX EXTREM



### FEATURES

Nutrient with a maximum potassium content, completely available and rapidly absorbed for cultivated plants. Applied as a supplementary contribution of potassium in the vegetative period and at certain moments of the cycle, such as fruiting and ripening, it causes significant increases in size, accelerating the typical ripening processes favoring a general strengthening of the plant against climatic adversities (cold and drought) and illnesses.

It is recommended in all crops that have an extra need for phosphorus and potassium as one of the primary nutrients. It must be used in crops without magnesium and / or calcium deficiencies (if present, they must be corrected). The presence of magnesium alongside potassium prevents the imbalance in the absorption of the two elements, a frequent occurrence when high amounts of potassium are supplied. In case of potassium-calcium-magnesium imbalance physiopathy, it is recommended in these cases to apply it with our GLUCO MAGNESIUM magnesium corrector and our GLUCO CALCIUM calcium corrector .

### GUARANTEED ANALYSIS

(% M/M)

|                                                                        |        |
|------------------------------------------------------------------------|--------|
| Phosphorus pentoxide (P <sub>2</sub> O <sub>5</sub> ) soluble in water | 37,00% |
| Potassium oxide (K <sub>2</sub> O) soluble in water                    | 50,00% |
| Chelating agent                                                        | 6,00%  |

## MATUR INTENCE



### FEATURES

MATUR INTENCE is a PK fertilizer with a high concentration of phosphorus and potassium. It is enriched with boron and molybdenum in mineral form and with iron, manganese, zinc and copper chelated with the disodium salt of ethylenediaminetetraacetic acid (EDTA). It is a soluble formula for foliar application.

MATUR INTENCE is indicated for the periods of fattening, development or ripening of fruits, due to its high concentration of potassium. It increases the yield and improves the quality, color and appearance of the crop. It is a fertilizer. It is easily absorbed and immediately metabolized by the plant, thus providing fast and effective results. The potassium intake provided by MATUR INTENCEit favors water regulation mechanisms, participates in the synthesis of proteins and carbohydrates and allows the active form of many enzymes that participate in various metabolic processes. In addition, it increases the root system and the mechanical strength of the stems.

MATUR INTENCE is a fertilizer enriched with micronutrients, which improves the general nutritional status of the plant. Furthermore, its special formula favors the dilation of the stomata and, consequently, the adhesion and penetration of the product through the leaves.

### GUARANTEED ANALYSIS

(% M/M)

|                                                                        |        |
|------------------------------------------------------------------------|--------|
| Phosphorus pentoxide (P <sub>2</sub> O <sub>5</sub> ) soluble in water | 25,00% |
| Potassium oxide (K <sub>2</sub> O) soluble in water                    | 50,00% |
| Boron (B) in mineral form and soluble in water                         | 0,06%  |
| Copper (Cu) soluble in water                                           | 0,03%  |
| Iron (Fe) soluble in water                                             | 0,70%  |
| Manganese (Mn) soluble in water                                        | 0,30%  |
| Molybdenum (Mo) in mineral form and soluble in water                   | 0,03%  |
| Zinc (Zn) soluble in water                                             | 0,06%  |

## FRUITBLEND



### FEATURES

FRUITBLEND is a complex NPK fertilizer for foliar application with a high potassium content and enriched with magnesium, boron and other EDTA chelated micronutrients (Fe, Mn, Zn). Its nutritional ratio is recommended for the growth and beginning of the fruiting of the crop in fruit trees, horticulture, banana... to obtain a better flowering, fruit set and fattening of the crops.

### FEATURES

- Nitrogen, phosphorus and potassium of the highest quality and easily assimilated.
- High content of potassium, free of chlorine and sodium (harmful elements for the olive tree).
- High content of magnesium, a fundamental element for the synthesis of chlorophyll and, therefore, for photosynthesis and production of olive trees.
- Incorporates micronutrients chelated by EDTA (iron, manganese and zinc) of maximum efficiency and purity
- Excellent solubility, which facilitates application by foliar spray.



## Advantages of FRUITBLEND

- It improves the quality of the fruit (skin, flavor, weight, size).
- Promotes the growth and fruit set of olives.
- Provides greater resistance to drought by reducing the transpiration of the olive tree.
- Increases frost resistance by increasing the content of mineral elements in the sap and thus lowering the freezing point

## GUARANTEED ANALYSIS

(% M/M)

|                                                        |        |
|--------------------------------------------------------|--------|
| Total nitrogen (N)                                     | 17,00% |
| Ammonia nitrogen (N)                                   | 4,00%  |
| Nitrogen (N) Nitric                                    | 7,00%  |
| Nitrogen (N) urea                                      | 6,00%  |
| Phosphorus pentoxide (P2O5) soluble in water           | 8,00%  |
| Potassium Oxide (K2O) soluble in water                 | 25,00% |
| Magnesium oxide (MgO) soluble in water                 | 1,00%  |
| Boron (B) in mineral form and soluble in water         | 0,50%  |
| Iron (Fe) soluble in water and chelated with EDTA      | 0,10%  |
| Manganese (Mn) soluble in water and chelated with EDTA | 0,02%  |
| Zinc (Zn) soluble in water and chelated with EDTA      | 0,02%  |

## FRUITBLEND MIX



## FEATURES

FRUITBLEND MIX is a complex NPK fertilizer for foliar application with a high potassium content and enriched with magnesium, boron and other micronutrients chelated with EDTA (Cu, Fe, Zn, Mo, Mn). Its nutritional ratio is particularly adapted to the needs of the olive tree, to obtain a better flowering, coagulation and fattening of the olive tree, finally favoring an optimal yield in the oil.

## FEATURES:

- Nitrogen, phosphorus and potassium of the highest quality and easily assimilated.
- Rich in potassium, free of chlorine and sodium (harmful elements for the olive tree).
- High concentration of boron (2%), a very important element in the olive tree which allows for better flowering, fruit set and fruit development.
- High content of magnesium, a fundamental element for the synthesis of chlorophyll and, therefore, for photosynthesis and production of olive trees.
- Incorporates EDTA chelated micronutrients (Copper, iron, manganese, zinc and molybdenum) of maximum efficiency and purity.
- Excellent solubility, which facilitates foliar spray application.

## Benefits of the FRUIT BLEND:

- Increases the yield in oil and the size of the olive.
- Improves the quality of the fruit (peel, flavor, weight, size).
- Promotes the growth and fruit set of olives.
- Provides greater resistance to drought by reducing the transpiration of the olive tree.
- Increases frost resistance by increasing the content of mineral elements in the sap and thus lowering the freezing point.

## GUARANTEED ANALYSIS

(% M/M)

|                                                        |        |
|--------------------------------------------------------|--------|
| Total nitrogen (N)                                     | 14,00% |
| Ammonia nitrogen (N)                                   | 1,00%  |
| Nitrogen (N) Nitric                                    | 8,00%  |
| Nitrogen (N) urea                                      | 5,00%  |
| Phosphorus pentoxide (P2O5) soluble in water           | 5,00%  |
| Potassium Oxide (K2O) soluble in water                 | 28,00% |
| Magnesium oxide (MgO) soluble in water                 | 2,00%  |
| Boron (B) in mineral form and soluble in water         | 2,00%  |
| Copper (Cu) soluble in water and chelated with EDTA    | 0,02%  |
| Iron (Fe) soluble in water and chelated with EDTA      | 0,04%  |
| Manganese (Mn) soluble in water and chelated with EDTA | 0,04%  |
| Molybdenum (Mo) in mineral form and soluble in water   | 0,00%  |
| Zinc (Zn) soluble in water and chelated with EDTA      | 0,01%  |

## AGRONIT TRIPLE



## FEATURES

AGRONIT TRIPLE es un abono NPK altamente concentrado en potasio. Está enriquecido con boro; formulado soluble y para aplicación foliar.

AGRONIT TRIPLE es apropiado en momentos de engorde o desarrollo del fruto y maduración del mismo, debido a su alto contenido en potasio. Aumenta el rendimiento y mejora la calidad, color y aspecto de la cosecha. Es un fertilizante que la planta absorbe con facilidad y lo metaboliza de inmediato.

De este modo, se logran resultados rápidos y efectivos. Su aporte en potasio favorece los mecanismos de regulación hídrica de la planta, interviene en la síntesis de proteínas e hidratos de carbono y posibilita la conformación activa de muchas enzimas que participan en diversos procesos metabólicos. Además, potencia el sistema radicular y la resistencia mecánica de los tallos.

El boro es un micronutriente con un importante papel estructural y esencial en el crecimiento de las plantas. Interviene en el metabolismo de los ácidos nucleicos y en el de los glúcidos. Favorece la absorción de cationes y agua. Está implicado en la asimilación de fósforo y en la síntesis de vitaminas del complejo B en las plantas.

AGRONIT TRIPLE por su especial formulado, facilita la cicatrización del tejido vegetal, favorece la dilatación de los estomas, y por consiguiente, la adherencia y penetración del producto a través de la hoja.

## GUARANTEED ANALYSIS

(% M/M)

|                                             |        |
|---------------------------------------------|--------|
| Nitrógeno (N) Total                         | 6,00%  |
| Nitrógeno (N) Amoniacal                     | 1,10%  |
| Nitrógeno (N) Nítrico                       | 4,90%  |
| Pentóxido de Fósforo (P2O5) soluble en agua | 6,00%  |
| Óxido de Potasio (K2O) soluble en agua      | 30,00% |
| Boro (B) en forma mineral y soluble en agua | 3,00%  |



## AGRONIT 110



### FEATURES

AGRONIT 110 is a highly concentrated NPK potassium fertilizer. It is enriched with boron; soluble formulation and for foliar application. AGRONIT 110 is appropriate in the periods of fattening or development of the fruit and its ripening, thanks to its high potassium content. It increases the yield and improves the quality, color and appearance of the crop. It is a fertilizer that the plant absorbs easily and metabolizes it immediately. This way you get fast and effective results. Its contribution in potassium favors the water regulation mechanisms of the plant, intervenes in the synthesis of proteins and carbohydrates and allows the active conformation of many enzymes that participate in various metabolic processes. In addition, it improves the root system and the mechanical strength of the stems. Boron is a micronutrient with an important structural and essential role in plant growth. It is involved in the metabolism of nucleic acids and carbohydrates. Promotes the absorption of cations and water. This is involved in the assimilation of phosphorus and in the synthesis of vitamins of the B complex in plants.

AGRONIT 110, thanks to its special formulation, facilitates the healing of plant tissues, promotes the dilation of the stomata and, consequently, the adhesion and penetration of the product through the leaf.

### GUARANTEED ANALYSIS

(% M/M)

|                                                |        |
|------------------------------------------------|--------|
| Total nitrogen (N)                             | 11,00% |
| Phosphorus pentoxide (P2O5) soluble in water   | 8,00%  |
| Potassium Oxide (K2O) soluble in water         | 30,00% |
| Boron (B) in mineral form and soluble in water | 2,00%  |

## AGRONIT MIX



### FEATURES

#### Product key points

- Powder fertilizer for natural and balanced nutrition of plants with native Nitrogen, Phosphorus and Potassium
  - Natural product, free of chemical additives, without genetically modified raw materials or synthetic amino acids
  - Contains natural plant extracts, yeast proteins and natural phosphate
  - "Made in Italy"
  - In line with Regulation 834/2007 / EC on European organic farming, 889/2008 / EC and the PON Regulation of the United States of America
- AGRONIT MIX is a balanced organic mineral fertilizer based on amino acids, humic substances and microelements. The balanced content of organic acids and primary macroelements (N, P, K) is ideal for plant nutrition. The product is the result of the fermentation of plant extracts and the micronization of mineral phosphorus. The natural phosphate suspended in microparticles guarantees a uniform and homogeneous distribution in the product, without precipitations.

Gentle processing by evaporation, centrifugation and micronization helps to preserve the natural characteristics of all organic acids in the product. Organic potassium and nitrogen combine with trace elements and vitamins available to the plant and guarantee a high nutritional value without losses due to leaching.

Regular application of AGRONIT MIX is recommended for plant nutrition, to promote microbial flora (Azotobacter / Pseudomonas) and to improve soil texture and structure. Increased root growth and plant enzymatic activity will increase the quality and quantity of agricultural production. AGRO-NIT MIX is free from any chemical component that may be harmful to the soil.

### GUARANTEED ANALYSIS

(% M/M)

|                                                        |        |
|--------------------------------------------------------|--------|
| Total nitrogen (N)                                     | 5,00%  |
| Phosphorus pentoxide (P2O5) soluble in water           | 50,00% |
| Potassium Oxide (K2O) soluble in water                 | 30,00% |
| Free amino acids                                       | 5,00%  |
| Boron (B) in mineral form and soluble in water         | 0,10%  |
| Copper (Cu) soluble in water and chelated with EDTA    | 0,02%  |
| Iron (Fe) soluble in water and chelated with EDTA      | 0,05%  |
| Manganese (Mn) soluble in water and chelated with EDTA | 0,02%  |
| Molybdenum (Mo) soluble in water                       | 0,02%  |
| Zinc (Zn) soluble in water and chelated with EDTA      | 0,02%  |

## AGRONIT FRUIT



### FEATURES

AGRONIT FRUIT is an NPK fertilizer for foliar application enriched with magnesium, boron and other microelements. Its nutritional ratio, rich in potassium, is particularly suited to the needs of fruit trees.

AGRONIT FRUIT is compatible with most plant protection products.

### GUARANTEED ANALYSIS

(% M/M)

|                                                        |        |
|--------------------------------------------------------|--------|
| Total nitrogen (N)                                     | 7,00%  |
| Nitrogen (N) Nitric                                    | 4,00%  |
| Nitrogen (N) urea                                      | 8,00%  |
| Phosphorus pentoxide (P2O5) soluble in water           | 50,00% |
| Potassium oxide (K2O) soluble in water                 | 34,00% |
| Magnesium oxide (MgO) soluble in water                 | 4,00%  |
| Boron (B) in mineral form and soluble in water         | 0,10%  |
| Copper (Cu) soluble in water and chelated with EDTA    | 0,02%  |
| Iron (Fe) soluble in water and chelated with EDTA      | 0,05%  |
| Manganese (Mn) soluble in water and chelated with EDTA | 0,02%  |
| Molybdenum (Mo) soluble in water                       | 0,02%  |
| Zinc (Zn) soluble in water and chelated with EDTA      | 1,00%  |



## AGRONIT FRUIT BLEND



### FEATURES

AGRONIT FRUIT BLEND is an NPK fertilizer with microelements for foliar application. Their nutritional ratio is particularly adapted to the needs of fruit trees during the phase of vegetative development. AGRONIT FRUIT BLEND stimulates the development and vigor of hazelnut, seed and citrus plants. AGRONIT FRUTTA BLEND is indicated to be applied during the vegetative development phase, in combination with treatments that are carried out regularly.

| GUARANTEED ANALYSIS                                    | (% M/M) |
|--------------------------------------------------------|---------|
| Total nitrogen (N)                                     | 26,00%  |
| Nitrogen (N) Nitric                                    | 1,00%   |
| Nitrogen (N) urea                                      | 25,00%  |
| Phosphorus pentoxide (P2O5) soluble in water           | 10,00%  |
| Potassium oxide (K2O) soluble in water                 | 10,00%  |
| Magnesium oxide (MgO) soluble in water                 | 3,00%   |
| Boron (B) in mineral form and soluble in water         | 0,10%   |
| Copper (Cu) soluble in water and chelated with EDTA    | 0,02%   |
| Iron (Fe) soluble in water and chelated with EDTA      | 0,05%   |
| Manganese (Mn) soluble in water and chelated with EDTA | 1,00%   |
| Molybdenum (Mo) soluble in water                       | 0,00%   |
| Zinc (Zn) soluble in water and chelated with EDTA      | 1,00%   |

## AGRONIT SPRING



### FEATURES

AGRONIT SPRING has a nutritional ratio particularly suitable for the vegetative development phase of the olive tree, favoring the strength and fattening of the olive tree. Excellent solubility which allows perfect adaptation to foliar application. Coming from high quality raw materials that guarantee a product of great purity and therefore an optimal use by the crop.

| GUARANTEED ANALYSIS                                    | (% M/M) |
|--------------------------------------------------------|---------|
| Total nitrogen (N)                                     | 25,00%  |
| Ammonia nitrogen (N)                                   | 2,90%   |
| Nitrogen (N) Nitric                                    | 4,90%   |
| Nitrogen (N) urea                                      | 17,20%  |
| Phosphorus pentoxide (P2O5) soluble in water           | 10,00%  |
| Potassium oxide (K2O) soluble in water                 | 17,00%  |
| Magnesium oxide (MgO) soluble in water                 | 0,60%   |
| Boron (B) in mineral form and soluble in water         | 0,02%   |
| Copper (Cu) soluble in water and chelated with EDTA    | 0,05%   |
| Iron (Fe) soluble in water and chelated with EDTA      | 0,05%   |
| Manganese (Mn) soluble in water and chelated with EDTA | 0,05%   |
| Molybdenum (Mo) soluble in water                       | 0,00%   |
| Zinc (Zn) soluble in water and chelated with EDTA      | 0,02%   |

## AGRONIT GREEN



### FEATURES

AGRONIT GREEN is a balanced NPK fertilizer. It is enriched with boron and molybdenum in mineral form and with copper, iron, manganese and zinc chelated with the disodium salt of ethylenediaminetetraacetic acid (EDTA). soluble and foliar formula-do. AGRONIT GREEN is a fertilizer that helps the plant in its development. Its optimal composition offers the maximum yield in periods of high production when the plant needs optimal balanced doses.

AGRONIT GREEN is a fertilizer enriched with micronutrients, which improves the general nutritional status of the plant. Moreover, thanks to its special formulation, it favors the dilation of the stomata and, consequently, the adhesion and penetration of the product through the sheet.

| GUARANTEED ANALYSIS                                    | (% M/M) |
|--------------------------------------------------------|---------|
| Total nitrogen (N)                                     | 20,00%  |
| Ammonia nitrogen (N)                                   | 4,00%   |
| Nitrogen (N) Nitric                                    | 6,00%   |
| Nitrogen (N) urea                                      | 10,00%  |
| Phosphorus pentoxide (P2O5) soluble in water           | 20,00%  |
| Potassium oxide (K2O) soluble in water                 | 20,00%  |
| Boron (B) in mineral form and soluble in water         | 0,02%   |
| Copper (Cu) soluble in water and chelated with EDTA    | 0,01%   |
| Iron (Fe) soluble in water and chelated with EDTA      | 0,21%   |
| Manganese (Mn) soluble in water and chelated with EDTA | 0,10%   |
| Molybdenum (Mo) soluble in water                       | 0,01%   |
| Zinc (Zn) soluble in water and chelated with EDTA      | 0,02%   |

## AGRONIT 2000



### FEATURES

AGRONIT 2000 is a balanced NPK fertilizer. It is enriched with boron in mineral form and with copper, iron, manganese and zinc chelated with the disodium salt of ethylenediaminetetraacetic acid (EDTA). Soluble formulation and for foliar application.

AGRONIT 2000 is a fertilizer that helps the plant in its development. Its optimal composition offers maximum yields in periods of high production when the plant needs optimal balanced doses. Magnesium is part of chlorophyll, so it is involved in the photosynthesis process. This nutrient is involved in numerous enzymatic actions. It favors the assimilation of CO<sub>2</sub>, the absorption of P and the production of sugars. In addition, it participates in the respiration of the plant and in the synthesis of carbohydrates, proteins and lipids.

AGRONIT 2000 is a fertilizer enriched with micronutrients, which improves the general nutritional status of the plant. Moreover, thanks to its special formulation, it favors the dilation of the stomata and, consequently, the adhesion and penetration of the product through the sheet.



## GUARANTEED ANALYSIS

|                                                        | (% M/M) |
|--------------------------------------------------------|---------|
| Total nitrogen (N)                                     | 20,00%  |
| Ammonia nitrogen (N)                                   | 4,00%   |
| Nitrogen (N) Nitric                                    | 6,00%   |
| Nitrogen (N) urea                                      | 10,00%  |
| Phosphorus pentoxide (P2O5) soluble in water           | 20,00%  |
| Potassium oxide (K2O) soluble in water                 | 20,00%  |
| Magnesium oxide (MgO) soluble in water                 | 2,00%   |
| Boron (B) in mineral form and soluble in water         | 0,01%   |
| Copper (Cu) soluble in water and chelated with EDTA    | 0,02%   |
| Iron (Fe) soluble in water and chelated with EDTA      | 0,00%   |
| Manganese (Mn) soluble in water and chelated with EDTA | 0,07%   |
| Zinc (Zn) soluble in water and chelated with EDTA      | 0,02%   |

## AGRONIT PK 200



### FEATURES

AGRONIT PK 200 is a soluble NPK fertilizer enriched with amino acids and microelements applied in fertigation, in the form of soluble crystals. Its balance makes it special for the most demanding biological moments. Its contribution of organic substance makes its effect last for several weeks. It is used as a complement to the fertilization of crops and the bottom, especially in periods of greatest activity of the crop, i.e. in active growth, fructification and fattening of fruits. Nitrogen combined with carbohydrates is the cell wall lignin which is part of the plant's energy system and participates in the synthesis of vitamins and auxins. Phosphorus carries out the energy transfer of the entire plant, it is fundamental in the formation of the seed, stimulates root growth, improves the compactness of the soil and accentuates the organoleptic characteristics of the fruit. Potassium increases photosynthetic activity and intervenes in the water regulation mechanisms of the plant. It is a necessary nutrient in the formation of proteins and in the synthesis of carbohydrates. It acts as an activator in cellular respiration processes and allows the active conformation of numerous enzymes.

## GUARANTEED ANALYSIS

|                                                        | (% M/M) |
|--------------------------------------------------------|---------|
| Total nitrogen (N)                                     | 20,00%  |
| Phosphorus pentoxide (P2O5) soluble in water           | 20,00%  |
| Potassium oxide (K2O) soluble in water                 | 20,00%  |
| Free amino acids                                       | 2,00%   |
| Boron (B) in mineral form and soluble in water         | 0,00%   |
| Copper (Cu) soluble in water and chelated with EDTA    | 0,00%   |
| Iron (Fe) soluble in water and chelated with EDTA      | 0,00%   |
| Manganese (Mn) soluble in water and chelated with EDTA | 0,00%   |
| Molybdenum (Mo) in mineral form, soluble in water      | 0,00%   |
| Zinc (Zn) soluble in water and chelated with EDTA      | 0,00%   |

## AGROFERRO



### FEATURES

Nourishing with a maximum potassium content, totally available and rapidly absorbed for cultivated plants, enriched with Nitrogen and Phosphorus. Applied as a supplementary contribution of potassium in the vegetative period and in specific moments of the cycle, such as fruiting and ripening, it causes significant increases in size by accelerating the typical ripening processes favoring a general strengthening of the plant against climatic adversities (cold and drought) and diseases.

It is recommended in all crops that have an extra need for phosphorus and potassium as one of the primary nutrients. It must be used in crops without magnesium and / or calcium deficiencies (if present, they must be corrected). The presence of magnesium next to potassium avoids the imbalance in the absorption of the two elements, which is frequent when high amounts of potassium are supplied. In case of potassium-calcium-magnesium imbalance physiopathy, it is recommended in these cases to apply it with our GLUCO MAGNESIUM magnesium corrector and our GLUCO CALCIUM calcium corrector .

## GUARANTEED ANALYSIS

|                                                        | (% M/M) |
|--------------------------------------------------------|---------|
| Total nitrogen (N)                                     | 5,00%   |
| Phosphorus pentoxide (P2O5) soluble in water           | 37,00%  |
| Potassium oxide (K2O) soluble in water                 | 50,00%  |
| Boron (B) in mineral form and soluble in water         | 0,00%   |
| Copper (Cu) soluble in water and chelated with EDTA    | 0,00%   |
| Iron (Fe) soluble in water and chelated with EDTA      | 0,00%   |
| Manganese (Mn) soluble in water and chelated with EDTA | 0,00%   |
| Molybdenum (Mo) in mineral form, soluble in water      | 0,00%   |
| Zinc (Zn) soluble in water and chelated with EDTA      | 0,00%   |

## FERTI FOSFORO TOTAL 600



### FEATURES

FERTI FOSFORO TOTAL 600 is a P fertilizer with micronutrients for foliar application. Phosphorus is a macronutrient necessary in number of processes essential for implantation. It is vital in those where it requires the transfer of energy as occurs in photosynthesis. It is a nutrient necessary for the formation and development of the seed.

FERTI FOSFORO TOTAL 600 stimulates the growth of roots and plants in general. It favors floral induction and improves the formation of petals, allowing optimal pollination of a large number of flowers. It improves the firmness of plants and accentuates the organoleptic characteristics of the fruits. For all these reasons it is an effective fertilizer proven even in problem areas.

## GUARANTEED ANALYSIS

|                                                        | (% M/M) |
|--------------------------------------------------------|---------|
| Phosphorus pentoxide (P2O5) soluble in water           | 60,00%  |
| Boron (B) in mineral form and soluble in water         | 0,00%   |
| Copper (Cu) soluble in water and chelated with EDTA    | 0,00%   |
| Iron (Fe) soluble in water and chelated with EDTA      | 0,00%   |
| Manganese (Mn) soluble in water and chelated with EDTA | 0,00%   |
| Molybdenum (Mo) in mineral form, soluble in water      | 0,00%   |
| Zinc (Zn) soluble in water and chelated with EDTA      | 0,00%   |



## FERTI FULL



### FEATURES

FERTI FULL is a balanced NPK fertilizer. It is enriched with boron in mineral form and with copper, iron, manganese and zinc chelated with the disodium salt of ethylenediaminetetraacetic acid (EDTA). Soluble formulation and for foliar application.

FERTI FULL is a fertilizer that helps the plant in its development. Its optimal composition offers maximum yields in moments of high production when the plant needs optimal balanced doses. The slightly higher batch is a necessary macronutrient in quantities of essential processes for the plant. Result of vital importance in those where the transfer of energy is required as occurs in photosynthesis-sis. It is a nutrient necessary for the formation and development of the seed.

FULL WOUNDSis a fertilizer enriched with micronutrients, which improves the general nutritional status of the plant. Moreover, thanks to its special formulation, it favors the dilation of the stomata and, consequently, the adhesion and penetration of the product through the sheet.

### GUARANTEED ANALYSIS

(% M/M)

|                                                        |        |
|--------------------------------------------------------|--------|
| Total nitrogen (N)                                     | 23,00% |
| Phosphorus pentoxide (P2O5) soluble in water           | 28,00% |
| Potassium oxide (K2O) soluble in water                 | 21,00% |
| Boron (B) in mineral form and soluble in water         | 0,00%  |
| Copper (Cu) soluble in water and chelated with EDTA    | 0,00%  |
| Iron (Fe) soluble in water and chelated with EDTA      | 0,00%  |
| Manganese (Mn) soluble in water and chelated with EDTA | 0,00%  |
| Molybdenum (Mo) in mineral form, soluble in water      | 0,00%  |
| Zinc (Zn) soluble in water and chelated with EDTA      | 0,00%  |

## AGRONIC COMBI



### FEATURES

AGRONIC COMBI is a highly concentrated NPK fertilizer in Nitrogen and Magnesium. It is enriched with boron and molybdenum in mineral form and with copper, iron, manganese and zinc chelated with the disodium salt of ethylenediaminetetraacetic acid (EDTA). Soluble formulation and for foliar application.

AGRONIC COMBI is appropriate in periods of greater vegetative development and in stressful situations, facilitating rapid absorption by the plant thanks to its high content of amino acids, obtained by enzymatic reaction. It gives the plant vitality, efficiency and strength.

It is a fertilizer that the plant absorbs easily and metabolizes it immediately.

This way you get fast and effective results. Its nitrogen supply promotes rapid vegetative growth, which is part of various metabolic processes (synthesis of proteins, vitamins, chlorophyll, auxins, ...).

Magnesium is part of chlorophyll, so it is involved in the photosynthesis process. this nutrient participates in numerous enzymatic actions.

It favors the assimilation of CO2, the absorption of P and the production of sugars. In addition, it participates in the respiration of the plant and in the synthesis of carbohydrates, proteins and lipids.

AGRONIC COMBI is a fertilizer enriched with micronutrients, which improves the general nutritional status of the plant. Moreover, thanks to its special formulation, it favors the dilation of the stomata and, consequently, the adhesion and penetration of the product through the sheet

### GUARANTEED ANALYSIS

(% M/M)

|                                                        |        |
|--------------------------------------------------------|--------|
| Total nitrogen (N)                                     | 25,00% |
| Ammonia nitrogen (N)                                   | 4,50%  |
| Nitrogen (N) Nitric                                    | 3,00%  |
| Nitrogen (N) urea                                      | 17,50% |
| Phosphorus pentoxide (P2O5) soluble in water           | 10,00% |
| Potassium oxide (K2O) soluble in water                 | 10,00% |
| Free amino acids                                       | 2,00%  |
| Magnesium oxide (MgO) soluble in water                 | 2,00%  |
| Boron (B) in mineral form and soluble in water         | 0,50%  |
| Copper (Cu) soluble in water and chelated with EDTA    | 0,02%  |
| Iron (Fe) soluble in water and chelated with EDTA      | 0,06%  |
| Manganese (Mn) soluble in water and chelated with EDTA | 0,06%  |
| Molybdenum (Mo) in mineral form, soluble in water      | 0,00%  |
| Zinc (Zn) soluble in water and chelated with EDTA      | 0,02%  |

## ENERGY PLUS



### FEATURES

ENERGY PLUS is an NPK fertilizer with a high concentration of phosphorus. Soluble formulation and for foliar application.

ENERGY PLUSit is appropriate in prayer. It gives vitality to the flower, turgor to the petals and quality to the pollen; is that it results in an increase in the fruit set percentage. Its contribution of phosphorus improves the photosynthesis process, stimulates the root and genera l growth of the plant. Phosphorus is a necessary macronutrient in number of processes essential for implantation. It is of vital importance in those where energy transfer is required as occurs in photosynthesis. It is a nutrient necessary for the formation and development of the seed . Magnesium is part of chlorophyll, so it is involved in the photosynthesis process. this nutrient participates in numerous enzymatic actions. It favors the assimilation of CO2, the absorption of P and the production of sugars. In addition, it participates in the respiration of the plant and the synthesis of carbohydrates,

ENERGY PLUS is a fertilizer that improves the nutritional status of the plant. Moreover, thanks to its special formulation, it favors the dilation of the stomata and, consequently, the adhesion and penetration of the product through the leaf.

### GUARANTEED ANALYSIS

(% M/M)

|                                              |        |
|----------------------------------------------|--------|
| Total nitrogen (N)                           | 10,00% |
| Ammonia nitrogen (N)                         | 10,00% |
| Phosphorus pentoxide (P2O5) soluble in water | 50,00% |
| Potassium oxide (K2O) soluble in water       | 10,00% |
| Magnesium oxide (MgO) soluble in water       | 1,00%  |

## NUTRYFOL SOURCE AA



### FEATURES

NUTRYFOL SOURCE AA is a soluble NPK fertilizer enriched with amino acids and microelements in a GEL formulation. It is a new product that, thanks to its gelatinous structure, increases the retention time of the retention produced and reduces the surface tension of the leaves, favoring the opening of stomata and cuticular absorption, thus increasing the amount of nutrients absorbed.

Its balance makes it special for periods of increased biological activity. Your contribution of organic matter makes its effect last for several weeks. It is used as a complement to the fertilization of crops and background, especially in periods of increased crop activity, that is, in active growth, fruiting and fattening of fruits. Nitrogen combined with carbohydrates is the lignin of the cell walls of which it is part of the energy system of the plant and participates in the synthesis of vitamins and auxins. The phosphorus carries out the energy transfer of the whole plant, it is fundamental in the formation of the seed, it stimulates the growth of the root, improves the fi Strengthens the soil and accentuates the organoleptic characteristics of the fruit. Potassium increases photosynthetic activity and intervenes in the water regulation mechanisms of the plant.

It is a necessary nutrient in protein formation and carbohydrate synthesis. It acts as an activator in cellular respiratory processes and allows the active conformation of numerous enzymes.

### GUARANTEED ANALYSIS

(% M/V)

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total nitrogen (N)                                        | 20,00% |
| Phosphorus pentoxide (P2O5) soluble in water              | 20,00% |
| Potassium oxide (K2O) soluble in water                    | 20,00% |
| Amino acids                                               | 2,00%  |
| Boron (B) in mineral form and soluble in water            | 0,01%  |
| Copper (Cu) soluble in water and chelated with EDTA 0.01% | 0,01%  |
| Iron (Fe) soluble in water and chelated with EDTA         | 0,01%  |
| Manganese (Mn) soluble in water and chelated with EDTA    | 0,01%  |
| Zinc (Zn) soluble in water and chelated with EDTA         | 0,01%  |

## NUTRYFOL SPECIAL



### FEATURES

Innovative

Ultra - Concentrated Fertilizer Organically

Activated

Improves nutrient absorption and effectiveness

Concentrated NPK fertilizer in suspension containing essential nutrients and high quality additives.

### FEATURES

- High solubility of macronutrients (N, P, K).
- Maximum production technology with highly selected raw materials.
- 100% free of impurities and chlorine.
- No compaction or formation of dust or lumps.
- Safety, comfort and handling.
- Formulation adapted to the needs of each stage of the crop.
- NUTRYFOL SPECIAL stimulates plant growth.

NUTRYFOL SPECIAL is a new product which, thanks to its gelatinous structure, increases the retention time of the product and reduces the surface tension of the leaves, favoring the opening of stomata and cuticular absorption, thus increasing the amount of nutrients absorbed. It acts as a protective colloid for nutrients, guaranteeing their structure and properties, avoiding chemical degradation and losses due to evaporation or the formation of secondary compounds. Since it is a GEL fertilizer, and have a non-ionic character, it is compatible with most plant protection treatments, increasing their effectiveness themselves.

The GEL technology based on high quality nutrients and state-of-the-art adjuvants facilitates, on the one hand, the preparation of application broths when liquidated and, on the other, the effectiveness as a nutrient.

### GUARANTEED ANALYSIS

(% M/V)

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total nitrogen (N)                                        | 20,00% |
| Phosphorus pentoxide (P2O5) soluble in water              | 25,00% |
| Potassium oxide (K2O) soluble in water                    | 20,00% |
| Boron (B) in mineral form and soluble in water            | 0,01%  |
| Copper (Cu) soluble in water and chelated with EDTA 0.01% | 0,01%  |
| Iron (Fe) soluble in water and chelated with EDTA         | 0,01%  |
| Manganese (Mn) soluble in water and chelated with EDTA    | 0,01%  |
| Zinc (Zn) soluble in water and chelated with EDTA         | 0,01%  |

## NUTRYFOL GOLD



### FEATURES

Innovative

Ultra - Concentrated Fertilizer Organically

Activated

Improves nutrient absorption and effectiveness

Concentrated NPK fertilizer in suspension containing essential nutrients and high quality additives.

### FEATURES

- High solubility of macronutrientes (N, P, K).
- Máxima tecnología de fabricación with highly selective primary materials.
- 100% libre de impurezas y chlorine.
- Sin compactación ni formación de polvos ni grumos.
- Seguridad, comodidad y fácil manejo.
- Formulación adaptada to the needs of the culture.
- NUTRYFOL GOLD estimates the vegetal crecimiento.

NUTRYFOL GOLD is a new product that has a gelatinous structure increases the time of retention of the product and disminutes the surface tension of the hojas by favoring the opening of the estomas and the cuticular absorción, increasing así the cantidad de nutrientes absorbidos. Actúa como coloide protector de los nutrientes, guaranteeing su estructura y propiedades, avoiding the degradación química y las pérdidas por evaporación or forma-ción de compuestos secundarios.

Al tratarse de un abono GEL, y tener carácter no ionico, es compatible with the mayoría de los tratamientos fi tosanita-rios, increasing the efi cacia de los mismos. The technology of GEL based in nutrients of high heat and adjuvants of the last generation facilitates, for a while, the preparation of hot water for application when liquid and, by other way, the effectiveness as a nutrient.



| GUARANTEED ANALYSIS                                       | (% M/V) |
|-----------------------------------------------------------|---------|
| Total nitrogen (N)                                        | 15,00%  |
| Phosphorus pentoxide (P2O5) soluble in water              | 15,00%  |
| Potassium oxide (K2O) soluble in water                    | 15,00%  |
| Boron (B) in mineral form and soluble in water            | 0,01%   |
| Copper (Cu) soluble in water and chelated with EDTA 0.01% | 0,01%   |
| Iron (Fe) soluble in water and chelated with EDTA         | 0,01%   |
| Manganese (Mn) soluble in water and chelated with EDTA    | 0,01%   |
| Zinc (Zn) soluble in water and chelated with EDTA         | 0,01%   |

## NUTRYFOL MIX



### FEATURES

Innovative  
 Ultra - Concentrated Fertilizer Organically  
 Activated  
 Improves nutrient absorption and effectiveness  
 Concentrated NPK fertilizer in suspension containing essential nutrients and high quality additives.

### FEATURES

- High solubility of macronutrients (N, P, K).
- Maximum production technology with highly selected raw materials.
- 100% free of impurities and chlorine.
- No compaction or formation of dust or lumps.
- Safety, comfort and handling.
- Formulation adapted to the needs of each stage of the crop.
- NUTRYFOL MIX stimulates plant growth.

NUTRYFOL MIX is a new product which, thanks to its gelatinous structure, increases the retention time of the product and reduces the surface tension of the leaves, favoring the opening of stomata and cuticular absorption, thus increasing the amount of nutrients absorbed.

It acts as a protective colloid for nutrients, guaranteeing their structure and properties, avoiding chemical degradation and losses due to evaporation or the formation of secondary compounds. Being a GEL fertilizer and having a non-ionic character, it is compatible with most phytosanitary treatments, increasing the effectiveness of themselves.

The GEL technology based on high quality nutrients and state-of-the-art adjuvants facilitates, on the one hand, the preparation of application broths when liquidated and, on the other, the effectiveness as a nutrient.

| GUARANTEED ANALYSIS                                       | (% M/V) |
|-----------------------------------------------------------|---------|
| Total nitrogen (N)                                        | 22,00%  |
| Phosphorus pentoxide (P2O5) soluble in water              | 22,00%  |
| Potassium oxide (K2O) soluble in water                    | 22,00%  |
| Boron (B) in mineral form and soluble in water            | 0,01%   |
| Copper (Cu) soluble in water and chelated with EDTA 0.01% | 0,01%   |
| Iron (Fe) soluble in water and chelated with EDTA         | 0,01%   |
| Manganese (Mn) soluble in water and chelated with EDTA    | 0,01%   |
| Zinc (Zn) soluble in water and chelated with EDTA         | 0,01%   |

## NUTRY ACTIVE PLUS



### FEATURES

Innovative  
 Ultra - Concentrated Fertilizer Organically  
 Activated  
 Improves nutrient absorption and effectiveness  
 Concentrated NPK fertilizer in suspension containing essential nutrients and high quality additives.

### FEATURES

- High solubility of macronutrients (N, P, K).
- Maximum production technology with highly selected raw materials.
- 100% free of impurities and chlorine.
- No compaction or formation of dust or lumps.
- Safety, comfort and handling.
- Formulation adapted to the needs of each stage of the crop.
- NUTRY ACTIVE PLUS stimulates plant growth.

NUTRY ACTIVE PLUS is a new product which, thanks to its gelatinous structure, increases the retention time of the product and reduces the surface tension of the leaves, favoring the opening of stomata and cuticular absorption, thus increasing the amount of nutrients absorbed. It acts as a protective colloid for nutrients, guaranteeing their structure and properties, avoiding chemical degradation and losses due to evaporation or the formation of secondary compounds. Since it is a GEL fertilizer, and has a non-ionic character, it is compatible with most phytosanitary treatments, increasing the effectiveness of themselves. The GEL technology based on high quality nutrients and state-of-the-art adjuvants facilitates, on the one hand, the preparation of application broths when it is liquidated and, on the other, the effectiveness as a nutrient.

| GUARANTEED ANALYSIS                                       | (% M/V) |
|-----------------------------------------------------------|---------|
| Total nitrogen (N)                                        | 27,00%  |
| Phosphorus pentoxide (P2O5) soluble in water              | 27,00%  |
| Potassium oxide (K2O) soluble in water                    | 27,00%  |
| Boron (B) in mineral form and soluble in water            | 0,01%   |
| Copper (Cu) soluble in water and chelated with EDTA 0.01% | 0,01%   |
| Iron (Fe) soluble in water and chelated with EDTA         | 0,01%   |
| Manganese (Mn) soluble in water and chelated with EDTA    | 0,01%   |
| Zinc (Zn) soluble in water and chelated with EDTA         | 0,01%   |

## NUTRY FOSFORO 500



### FEATURES

Innovative  
 Ultra - Concentrated Fertilizer Organically  
 Activated  
 Improves nutrient absorption and effectiveness  
 Concentrated NPK fertilizer in suspension containing essential nutrients and high quality additives.

## FEATURES

- High solubility of macronutrients (N, P, K).
- High phosphorus content.
- Maximum production technology with highly selected raw materials.
- 100% free of impurities and chlorine.
- No compaction or formation of dust or lumps.
- Safety, comfort and handling.
- Formulation adapted to the needs of each stage of the crop.
- NUTRY PHOSPHORUS 500 stimulates plant growth.

NUTRY FOSFORO 500 is a new product that thanks to its gelatinous structure increases the retention time of the product and reduces the surface tension of the leaves, favoring the opening of stomata and cuticular absorption, thus increasing the amount of nutrients absorbed. It acts as a protective colloid for nutrients, guaranteeing their structure and properties, avoiding chemical degradation and losses due to evaporation or the formation of secondary compounds. Since it is a GEL fertilizer, and have a non-ionic character, it is compatible with most phytosanitary treatments, increasing the effectiveness of the same.

The GEL technology based on high quality nutrients and state-of-the-art adjuvants facilitates, on the one hand, the preparation of application broths when liquid and, on the other, the effectiveness as a nutrient

## GUARANTEED ANALYSIS

(% M/V)

|                                                           |        |
|-----------------------------------------------------------|--------|
| Total nitrogen (N)                                        | 10,00% |
| Phosphorus pentoxide (P2O5) soluble in water              | 50,00% |
| Potassium oxide (K2O) soluble in water                    | 10,00% |
| Boron (B) in mineral form and soluble in water            | 0,01%  |
| Copper (Cu) soluble in water and chelated with EDTA 0.01% | 0,01%  |
| Iron (Fe) soluble in water and chelated with EDTA         | 0,01%  |
| Manganese (Mn) soluble in water and chelated with EDTA    | 0,01%  |
| Zinc (Zn) soluble in water and chelated with EDTA         | 0,01%  |

## SUTRYFOL STARTING



## FEATURES

Innovative  
Ultra - Concentrated Fertilizer Organically  
Activated  
Improves nutrient absorption and effectiveness  
Concentrated NPK fertilizer in suspension containing essential nutrients and high quality additives.

## FEATURES

- High solubility of macronutrients (N, P, K).
- Maximum production technology with highly selected raw materials.
- 100% free of impurities and chlorine.
- No compaction or formation of dust or lumps.
- Safety, comfort and handling.
- Formulation adapted to the needs of each stage of the crop.
- SUTRYFOL STARTING stimulates plant growth.

SUTRYFOL STARTING is a new product which, thanks to its gelatinous structure, increases the retention time of the product and reduces the surface tension of the leaves, favoring the opening of stomata and cuticular absorption, thus increasing the amount of nutrients absorbed.

It acts as a protective colloid of nutrients, guaranteeing their structure and properties, avoiding chemical degradation and losses due to evaporation or the formation of secondary compounds. When it comes to a GEL fertilizer, and of a non-ionic character, it is compatible with most phytosanitary treatments, increasing its effectiveness.

The GEL technology based on high quality nutrients and state-of-the-art adjuvants facilitates, on the one hand, the preparation of application broths when it is liquidated and, on the other, the effectiveness as a nutrient.

## GUARANTEED ANALYSIS

(% M/V)

|                                                        |        |
|--------------------------------------------------------|--------|
| Total nitrogen (N)                                     | 20,00% |
| Phosphorus pentoxide (P2O5) soluble in water           | 30,00% |
| Potassium oxide (K2O) soluble in water                 | 10,00% |
| Boron (B) in mineral form and soluble in water         | 0,01%  |
| Copper (Cu) soluble in water and chelated with EDTA    | 0,01%  |
| Iron (Fe) soluble in water and chelated with EDTA      | 0,01%  |
| Manganese (Mn) soluble in water and chelated with EDTA | 0,01%  |
| Zinc (Zn) soluble in water and chelated with EDTA      | 0,01%  |

## NUTRYFOL K20



## FEATURES

Innovative  
Ultra - Concentrated Fertilizer Organically  
Activated  
Improves nutrient absorption and effectiveness  
Concentrated NPK fertilizer in suspension containing essential nutrients and high quality additives.

## FEATURES

- High solubility of macronutrients (N, P, K).
- Maximum production technology with highly selected raw materials .
- 100% free of impurities and chlorine.
- No compaction or formation of dust or lumps.
- Safety, comfort and handling.
- Formulation adapted to the needs of each stage of the crop.
- NUTRYFOL K20 stimulates plant growth.

NUTRYFOL K20 is a new product which, thanks to its gelatinous structure, increases the retention time of the product and reduces the surface tension of the leaves, favoring the opening of stomata and skin absorption, thus increasing the amount of nutrients absorbed. It acts as a protective colloid of nutrients, guaranteeing their structure and properties, avoiding chemical degradation and losses due to evaporation or the formation of secondary compounds. Being a The GEL fertilizer, and having a non-ionic character, is compatible with most phytosanitary treatments, increasing their effectiveness. GEL technology based on high quality nutrients and adjuvants the state of the art facilitates, on the one hand, the preparation of application broths when it is effective as a nutrient.



| GUARANTEED ANALYSIS                                    | (% M/V) |
|--------------------------------------------------------|---------|
| Total nitrogen (N)                                     | 30,00%  |
| Phosphorus pentoxide (P2O5) soluble in water           | 5,00%   |
| Potassium oxide (K2O) soluble in water                 | 25,00%  |
| Boron (B) in mineral form and soluble in water         | 0,01%   |
| Copper (Cu) soluble in water and chelated with EDTA    | 0,01%   |
| Iron (Fe) soluble in water and chelated with EDTA      | 0,01%   |
| Manganese (Mn) soluble in water and chelated with EDTA | 0,01%   |
| Zinc (Zn) soluble in water and chelated with EDTA      | 0,01%   |

## NUTRYFOL 28



### FEATURES

Innovative  
 Ultra - Concentrated Fertilizer Organically  
 Activated  
 Improves nutrient absorption and effectiveness  
 Concentrated NPK fertilizer in suspension containing essential nutrients and high quality additives.

### FEATURES

- High solubility of macronutrients (N, P, K).
- Maximum production technology with highly selected raw materials.
- 100% free of impurities and chlorine.
- No compaction or formation of dust or lumps.
- Safety, comfort and handling.
- Formulation adapted to the needs of each stage of the crop.
- NUTRYFOL 28 stimulates plant growth.

NUTRYFOL 28 is a new product which, thanks to its gelatinous structure, increases the retention time of the product and reduces the surface tension of the leaves, favoring the opening of stomata and cuticular absorption, thus increasing the amount of nutrients absorbed. It acts as a protective colloid for nutrients, guaranteeing their structure and properties, avoiding chemical degradation and losses due to evaporation or the formation of secondary compounds. Since it is a GEL fertilizer, and have a non-ionic character, it is compatible with most phytosanitary treatments, increasing the effectiveness of the same.

The GEL technology based on high quality nutrients and state-of-the-art adjuvants facilitates, on the one hand, the preparation of application broths when liquidated and, on the other, the effectiveness as a nutrient.

| GUARANTEED ANALYSIS                                    | (% M/V) |
|--------------------------------------------------------|---------|
| Total nitrogen (N)                                     | 3,00%   |
| Phosphorus pentoxide (P2O5) soluble in water           | 20,00%  |
| Potassium oxide (K2O) soluble in water                 | 28,00%  |
| Boron (B) in mineral form and soluble in water         | 0,01%   |
| Copper (Cu) soluble in water and chelated with EDTA    | 0,01%   |
| Iron (Fe) soluble in water and chelated with EDTA      | 0,01%   |
| Manganese (Mn) soluble in water and chelated with EDTA | 0,01%   |
| Zinc (Zn) soluble in water and chelated with EDTA      | 0,01%   |

## NUTRY PO 410



### FEATURES

Innovative  
 Ultra - Concentrated Fertilizer Organically  
 Activated  
 Improves nutrient absorption and effectiveness  
 Concentrated NP fertilizer in suspension containing essential nutrients and high quality additives.

### FEATURES

- High solubility of macronutrients (N, P).
- Maximum production technology with highly selected raw materials.
- 100% free of impurities and chlorine.
- No compaction or formation of dust or lumps.
- Safety, comfort and handling.
- Formulation adapted to the needs of each stage of the crop.
- NUTRY PO 410 stimulates plant growth.

NUTRY PO 410 is a new product which, thanks to its gelatinous structure, increases the retention time of the product and reduces the surface tension of the leaves, favoring the opening of stomata and cuticular absorption. thus increasing the amount of nutrients absorbed. It acts as a protective colloid of nutrients, guaranteeing their structure and properties, avoiding chemical degradation and losses due to evaporation or the formation of secondary compounds.

Being a GEL fertilizer, and having a non-ionic character, it is compatible with most phytosanitary treatments, increasing their effectiveness.

GEL technology based on high quality nutrients and adjuvants the state of the art facilitates, on the one hand, the preparation of application broths when it is effective as a nutrient.

| GUARANTEED ANALYSIS                                    | (% M/V) |
|--------------------------------------------------------|---------|
| Total nitrogen (N)                                     | 18,00%  |
| Phosphorus pentoxide (P2O5) soluble in water           | 41,00%  |
| Boron (B) in mineral form and soluble in water         | 0,01%   |
| Copper (Cu) soluble in water and chelated with EDTA    | 0,01%   |
| Iron (Fe) soluble in water and chelated with EDTA      | 0,01%   |
| Manganese (Mn) soluble in water and chelated with EDTA | 0,01%   |
| Zinc (Zn) soluble in water and chelated with EDTA      | 0,01%   |

## NUTRYFOL PH 7-8



### FEATURES

Innovative  
 Ultra - Concentrated Fertilizer Organically  
 Activated  
 Improves nutrient absorption and effectiveness  
 Concentrated NPK fertilizer in suspension containing essential nutrients and high quality additives.

## FEATURES

- High solubility of macronutrients (N, P, K).
- Maximum production technology with highly selected raw materials.
- 100% free of impurities and chlorine.
- No compaction or formation of dust or lumps.
- Safety, comfort and handling.
- Formulation adapted to the needs of each stage of the crop.
- NUTRYFOL PH 7-8 stimulates plant growth.

NUTRYFOL PH 7-8 is a new product which, thanks to its gelatinous structure, increases the retention time of the product and reduces the surface tension of the leaves, favoring the opening of stomata and cuticular absorption, thus increasing the amount of nutrients absorbed.

It acts as a protective colloid for nutrients, guaranteeing their structure and properties, avoiding chemical degradation and losses due to evaporation or the formation of secondary compounds. Since it is a GEL fertilizer, and have a non-ionic character, it is compatible with most phytosanitary treatments, increasing the effectiveness of the same.

The GEL technology based on high quality nutrients and state-of-the-art adjuvants facilitates, on the one hand, the preparation of application broths when liquidated and, on the other, the effectiveness as a nutrient.

## GUARANTEED ANALYSIS

(% M/V)

|                                                        |       |
|--------------------------------------------------------|-------|
| Total nitrogen (N)                                     | 8,00% |
| Phosphorus pentoxide (P2O5) soluble in water           | 8,00% |
| Potassium oxide (K2O) soluble in water                 | 8,00% |
| Boron (B) in mineral form and soluble in water         | 0,01% |
| Copper (Cu) soluble in water and chelated with EDTA    | 0,01% |
| Iron (Fe) soluble in water and chelated with EDTA      | 0,01% |
| Manganese (Mn) soluble in water and chelated with EDTA | 0,01% |
| Zinc (Zn) soluble in water and chelated with EDTA      | 0,01% |

## NUTRYFOL N TOTAL



## FEATURES

- Innovative
- Ultra - Concentrated Fertilizer Organically Activated
- Improves nutrient absorption and effectiveness
- Concentrated NP fertilizer in suspension containing essential nutrients and high quality additives.

## FEATURES

- High solubility of macronutrients (N, P).
- Maximum production technology with highly selected raw materials.
- 100% free of impurities and chlorine.
- No compaction or formation of dust or lumps.
- Safety, comfort and handling.
- Formulation adapted to the needs of each stage of the crop.
- NUTRYFOL N TOTAL stimulates plant growth.

NUTRYFOL N TOTAL is a new product which, thanks to its gelatinous structure, increases the retention time of the product and reduces the surface tension of the leaves, favoring the opening of stomata and cuticular absorption, thus increasing the amount of nutrients absorbed.

It acts as a protective colloid for nutrients, guaranteeing their structure and properties, avoiding chemical degradation and losses due to evaporation or the formation of secondary compounds. Since it is a GEL fertilizer, and have a non-ionic character, it is compatible with most phytosanitary treatments, increasing the effectiveness of the same.

The GEL technology based on high quality nutrients and state-of-the-art adjuvants facilitates, on the one hand, the preparation of application broths when liquid and, on the other, the effectiveness as a nutrient

## GUARANTEED ANALYSIS

(% M/V)

|                                              |        |
|----------------------------------------------|--------|
| Total nitrogen (N)                           | 41,00% |
| Phosphorus pentoxide (P2O5) soluble in water | 6,00%  |

## TRIPLE N 280



## FEATURES

Nitrogen fertilizer that guarantees high efficiency and persistence. Through its two well-differentiated forms of nitrogen: urea to meet the immediate needs of the plant ("start-up" effect); and on arrival of urea formaldehyde, to ensure a progressive availability of nitrogen, which is gradually introduced into the disposal of the crops. It is totally safe for crops and environmentally friendly.

## GUARANTEED ANALYSIS

(% M/V)

|                                |        |
|--------------------------------|--------|
| Total nitrogen (N)             | 28,00% |
| Nitrogen Urea formaldehyde (N) | 17,00% |
| Nitrogen (N) urea              | 11,00% |

## NUTRYFOL NPK FERRO



## FEATURES

- Innovative
- Ultra - Concentrated Fertilizer Organically Activated
- Improves nutrient absorption and effectiveness
- Concentrated NPK fertilizer in suspension containing essential nutrients and high quality additives.



## FEATURES

- High solubility of macronutrients (N, P, K).
- Maximum production technology with highly selected raw materials.
- 100% free of impurities and chlorine.
- No compaction or formation of dust or lumps.
- Safety, comfort and handling.
- Formulation adapted to the needs of each stage of the crop.
- NUTRYFOL NPK FERRO stimulates plant growth.

NUTRYFOL NPK FERRO is a new product which, thanks to its gelatinous structure, increases the retention time of the product and reduces the surface tension of the leaves, favoring the opening of the leaves.

the absorption of stomata and cuticles, thus increasing the amount of nutrients absorbed.

It acts as a protective colloid of nutrients, guaranteeing their structure and properties, avoiding chemical degradation and losses due to evaporation or the formation of secondary compounds. Being a The GEL fertilizer, and being non-ionic, is compatible with most phytosanitary treatments, increasing their effectiveness.

The GEL technology based on high quality nutrients and state-of-the-art adjuvants facilitates, on the one hand, the preparation of application broths when liquidated and, on the other, the effectiveness as a nutrient.

## GUARANTEED ANALYSIS

(% M/V)

|                                                        |        |
|--------------------------------------------------------|--------|
| Total nitrogen (N)                                     | 10,00% |
| Phosphorus pentoxide (P2O5) soluble in water           | 5,00%  |
| Potassium oxide (K2O) soluble in water                 | 35,00% |
| Boron (B) in mineral form and soluble in water         | 0,01%  |
| Copper (Cu) soluble in water and chelated with EDTA    | 0,01%  |
| Iron (Fe) soluble in water and chelated with EDTA      | 0,01%  |
| Manganese (Mn) soluble in water and chelated with EDTA | 0,01%  |
| Zinc (Zn) soluble in water and chelated with EDTA      | 0,01%  |

## AGRONIT F 120



## FEATURES

Innovative  
 Ultra - Concentrated Fertilizer Organically  
 Activated  
 Improves nutrient absorption and effectiveness  
 Concentrated NPK fertilizer in suspension containing essential nutrients and high quality additives.

## FEATURES

- High solubility of macronutrients (N, P, K).
- Enriched with Magnesium
- Maximum production technology with highly selected raw materials.
- 100% free of impurities and chlorine.
- No compaction or formation of dust or lumps.
- Safety, comfort and handling.
- Formulation adapted to the needs of each stage of the crop.
- AGRONIT F 120 stimulates plant growth.

AGRONIT F 120 is a new product which, thanks to its gelatinous structure, increases the retention time of the product and reduces the surface tension of the leaves, favoring the opening of stomata and cuticular absorption, thus increasing the amount of nutrients absorbed.

It acts as a protective colloid for nutrients, guaranteeing their structure and properties, avoiding chemical degradation and losses due to evaporation or the formation of secondary compounds. Since it is a GEL fertilizer, and has a non-ionic character, it is compatible with most phytosanitary treatments, increasing the effectiveness of themselves. The GEL technology based on high quality nutrients and state-of-the-art adjuvants facilitates, on the one hand, the preparation of application broths when it is liquidated and, on the other, the effectiveness as a nutrient.

## GUARANTEED ANALYSIS

(% M/V)

|                                                        |        |
|--------------------------------------------------------|--------|
| Total nitrogen (N)                                     | 12,00% |
| Phosphorus pentoxide (P2O5) soluble in water           | 12,00% |
| Potassium oxide (K2O) soluble in water                 | 44,00% |
| Magnesium (MgO) soluble in water                       | 0,50%  |
| Boron (B) in mineral form and soluble in water         | 0,01%  |
| Copper (Cu) soluble in water and chelated with EDTA    | 0,01%  |
| Iron (Fe) soluble in water and chelated with EDTA      | 0,01%  |
| Manganese (Mn) soluble in water and chelated with EDTA | 0,01%  |
| Zinc (Zn) soluble in water and chelated with EDTA      | 0,01%  |

## FERTI DUO 500



## FEATURES

Innovative  
 Ultra - Concentrated Fertilizer Organically  
 Activated  
 Improves nutrient absorption and effectiveness  
 Concentrated K fertilizer in suspension containing essential nutrients and high quality additives.

## FEATURES

- High solubility of macronutrients (K).
- Maximum production technology with highly selected raw materials.
- 100% free of impurities and chlorine.
- No compaction or formation of dust or lumps.
- Safety, comfort and handling.
- Formulation adapted to the needs of each stage of the crop.
- FERTI DUO 500 stimulates plant growth.

FERTI DUO 500 is a new product which, thanks to its gelatinous structure, increases the retention time of the product and reduces the surface tension of the leaves, favoring the opening of stomata and cuticular absorption, thus increasing the amount of nutrients absorbed.

It acts as a protective colloid for nutrients, guaranteeing their structure and properties, avoiding chemical degradation and losses due to evaporation or the formation of secondary compounds. Since it is a GEL fertilizer, and has a non-ionic character, it is compatible with most phytosanitary treatments, increasing the effectiveness of themselves. The GEL technology based on high quality nutrients and state-of-the-art adjuvants facilitates, on the one hand, the preparation of application broths when it is liquidated and, on the other, the effectiveness as a nutrient.

| GUARANTEED ANALYSIS                                 | (% M/V) |
|-----------------------------------------------------|---------|
| Potassium oxide (K <sub>2</sub> O) soluble in water | 50,00%  |
| Sulfur dioxide (SO <sub>3</sub> )                   | 22,50%  |

## FERTI KING 600



### FEATURES

Innovative  
 Ultra - Concentrated Fertilizer Organically  
 Activated  
 Improves nutrient absorption and effectiveness  
 Concentrated K fertilizer in suspension containing essential nutrients and high quality additives.

### FEATURES

- High solubility of macronutrients (K).
- Maximum production technology with highly selected raw materials.
- 100% free of impurities and chlorine.
- No compaction or formation of dust or lumps.
- Safety, comfort and handling.
- Formulation adapted to the needs of each stage of the crop.
- FERTI KING 600 stimulates plant growth.

FERTI KING 600 is a new product which, thanks to its gelatinous structure, increases the retention time of the product and reduces the surface tension of the leaves, favoring the opening of stomata and cuticular absorption, thus increasing the amount of nutrients absorbed.

It acts as a protective colloid for nutrients, guaranteeing their structure and properties, avoiding chemical degradation and losses due to evaporation or the formation of secondary compounds. Since it is a GEL fertilizer, and have a non-ionic character, it is compatible with most phytosanitary treatments, increasing the effectiveness of the same. The GEL technology based on high quality nutrients and state-of-the-art adjuvants facilitates, on the one hand, the preparation of application broths when liquidated and, on the other hand, the effectiveness as a nutrient.

| GUARANTEED ANALYSIS                                 | (% M/V) |
|-----------------------------------------------------|---------|
| Potassium oxide (K <sub>2</sub> O) soluble in water | 60,00%  |

## FERTI COMBI PLUS



### FEATURES

Innovative  
 Ultra - Concentrated Fertilizer Organically  
 Activated  
 Improves nutrient absorption and effectiveness  
 Concentrated NPK fertilizer in suspension containing essential nutrients and high quality additives.

### CHARACTERISTICAS

- High solubility of macronutrientes (N, P, K).
- Máxima tecnología de fabricación with highly selective primary materials.
- 100% libre de impurezas y chlorine.
- Sin compactación ni formación de polvos ni grumos.
- Seguridad, comodidad y fácil manejo.
- Formulación adaptada to the needs of the culture.
- FERTI COMBI PLUS stimulates the vegetal crecimiento.

FERTI COMBI PLUS is a new product that has a gelatinous structure increases the retention time of the product and disimutes the surface tension of the hojas by favoring the opening of the estomas and the cuticular absorción, increasing the cantidad de nutrientes absorbidos.

Actúa como coloide protector de los nutrientes, guaranteeing on estructura y propiedades, avoiding the degradation química y las pérdidas por evaporación or formación de compuestos secundarios. Al tratarse de un abono GEL, y te-ner carácter no ionico, es compatible with the mayoría de los tratamientos fi tosanitarios, increasing the efi cacia de los mismos. The technology of GEL based in nutrients of high heat and adjuvants of the last generation facilitates, for a while, the preparation of hot water for application when liquid and, by means of other, the efficacy as a nutrient.

| GUARANTEED ANALYSIS                                                    | (% M/V) |
|------------------------------------------------------------------------|---------|
| Total nitrogen (N)                                                     | 28,00%  |
| Phosphorus pentoxide (P <sub>2</sub> O <sub>5</sub> ) soluble in water | 11,00%  |
| Potassium oxide (K <sub>2</sub> O) soluble in water                    | 14,00%  |
| Boron (B) in mineral form and soluble in water                         | 0,01%   |
| Copper (Cu) soluble in water and chelated with EDTA                    | 0,01%   |
| Iron (Fe) soluble in water and chelated with EDTA                      | 0,01%   |
| Manganese (Mn) soluble in water and chelated with EDTA                 | 0,01%   |
| Zinc (Zn) soluble in water and chelated with EDTA                      | 0,01%   |

## FERTI GOLD NPK



### FEATURES

Innovative  
 Ultra - Concentrated Fertilizer Organically  
 Activated  
 Improves nutrient absorption and effectiveness  
 Concentrated NPK fertilizer in suspension containing essential nutrients and high quality additives.

### FEATURES

- High solubility of macronutrientes (N, P, K).
- Maximum production technology with highly selected raw materials.
- 100% free of impurities and chlorine.
- No compaction or formation of dust or lumps.
- Safety, comfort and handling.
- Formulation adapted to the needs of each stage of the crop.
- FERTI GOLD NPK stimulates plant growth.



FERTI GOLD NPK is a new product which, thanks to its gelatinous structure, increases the retention time of the product and reduces the surface tension of the leaves, favoring the opening of stomata and cuticular absorption, thus increasing the amount of nutrients absorbed.

It acts as a protective colloid for nutrients, guaranteeing their structure and properties, avoiding chemical degradation and losses due to evaporation or the formation of secondary compounds. Since it is a GEL fertilizer, and have a non-ionic character, it is compatible with most phytosanitary treatments, increasing the effectiveness of the same. The GEL technology based on high quality nutrients and state-of-the-art adjuvants facilitates, on the one hand, the preparation of application broths when liquidated and, on the other hand, the effectiveness as a nutrient.

| GUARANTEED ANALYSIS                                    | (% M/V) |
|--------------------------------------------------------|---------|
| Total nitrogen (N)                                     | 35,00%  |
| Phosphorus pentoxide (P2O5) soluble in water           | 5,00%   |
| Potassium oxide (K2O) soluble in water                 | 5,00%   |
| Boron (B) in mineral form and soluble in water         | 0,01%   |
| Copper (Cu) soluble in water and chelated with EDTA    | 0,01%   |
| Iron (Fe) soluble in water and chelated with EDTA      | 0,01%   |
| Manganese (Mn) soluble in water and chelated with EDTA | 0,01%   |
| Zinc (Zn) soluble in water and chelated with EDTA      | 0,01%   |

## FERTI NITRICO COMBI



### FEATURES

Innovative  
 Ultra - Concentrated Fertilizer Organically  
 Activated  
 Improves nutrient absorption and effectiveness  
 Concentrated NK fertilizer in suspension containing essential nutrients and high quality additives.

### FEATURES

- High solubility of macronutrients (N, K).
- Enriched with Calcium (CaO) and Magnesium (MgO).
- Maximum production technology with highly selected raw materials.
- 100% free of impurities and chlorine.
- No compaction or formation of dust or lumps.
- Safety, comfort and handling.
- Formulation adapted to the needs of each stage of the crop.
- FERTI NITRICO COMBI stimulates plant growth.

FERTI NITRICO COMBI is a new product that thanks to its gelatinous structure increases the retention time of the product and reduces the surface tension of the leaves, favoring the opening of stomata and cuticular absorption, thus increasing the amount of nutrients absorbed. It acts as a protective colloid for nutrients, guaranteeing their structure and properties, avoiding chemical degradation and losses due to evaporation or the formation of secondary compounds. Since it is a GEL fertilizer, and have a non-ionic character, it is compatible with most phytosanitary treatments, increasing the effectiveness of the same. The GEL technology based on high quality nutrients and state-of-the-art adjuvants facilitates, on the one hand, the preparation of application broths when liquidated and, on the other hand, the effectiveness as a nutrient.

| GUARANTEED ANALYSIS                    | (% M/V) |
|----------------------------------------|---------|
| Total nitrogen (N)                     | 11,00%  |
| Potassium oxide (K2O) soluble in water | 8,00%   |
| Calcium oxide (CaO) soluble in water   | 16,00%  |
| Magnesium oxide (MgO) soluble in water | 3,00%   |

## FERTI UREICO 148



### FEATURES

Innovative  
 Ultra - Concentrated Fertilizer Organically  
 Activated  
 Better absorption and efficacy of nutrients  
 Concentrated NPK fertilizer in suspension containing essential nutrients and high quality additives.

### FEATURES

- High solubility of macronutrients (N, P, K).
- Maximum production technology with highly selected raw materials.
- 100% free of impurities and chlorine.
- No compaction or formation of dust or lumps.
- Safety, comfort and handling.
- Formulation adapted to the needs of each stage of the crop.
- FERTI UREICO 148 stimulates plant growth.

FERTI UREICO 148 is a new product which, thanks to its gelatinous structure, increases the retention time of the product and reduces the surface tension of the leaves, favoring the opening of stomata and cuticular absorption, thus increasing the amount of nutrients absorbed. It acts as a protective colloid for nutrients, guaranteeing their structure and properties, avoiding chemical degradation and losses due to evaporation or the formation of secondary compounds. Since it is a GEL fertilizer, and have a non-ionic character, it is compatible with most phytosanitary treatments, increasing the effectiveness of the same. The GEL technology based on high quality nutrients and state-of-the-art adjuvants facilitates, on the one hand, the preparation of application broths when liquidated and, on the other, the effectiveness as a nutrient.

| GUARANTEED ANALYSIS                                    | (% M/V) |
|--------------------------------------------------------|---------|
| Total nitrogen (N)                                     | 30,00%  |
| Phosphorus pentoxide (P2O5) soluble in water           | 10,00%  |
| Potassium oxide (K2O) soluble in water                 | 10,00%  |
| Boron (B) in mineral form and soluble in water         | 0,01%   |
| Copper (Cu) soluble in water and chelated with EDTA    | 0,01%   |
| Iron (Fe) soluble in water and chelated with EDTA      | 0,01%   |
| Manganese (Mn) soluble in water and chelated with EDTA | 0,01%   |
| Zinc (Zn) soluble in water and chelated with EDTA      | 0,01%   |

## FERTI POTASIO 150



### FEATURES

Innovative

Ultra - Concentrated Fertilizer Organically

Activated

Better absorption and efficacy of nutrients

Concentrated NPK fertilizer in suspension containing essential nutrients and high quality additives.

### FEATURES

- High solubility of macronutrients (N, P, K).
- Maximum production technology with highly selected raw materials.
- 100% free of impurities and chlorine.
- No compaction or formation of dust or lumps.
- Safety, comfort and handling.
- Formulation adapted to the needs of each stage of the crop.
- FERTI POTASIO 150 stimulates plant growth.

FERTI POTASIO 150 is a new product which, thanks to its gelatinous structure, increases the retention time of the product and reduces the surface tension of the leaves, favoring the opening of stomata and cuticular absorption, thus increasing the amount of nutrients absorbed. It acts as a protective colloid for nutrients, guaranteeing their structure and properties, avoiding chemical degradation and losses due to evaporation or the formation of secondary compounds. Since it is a GEL fertilizer, and has a non-ionic character, it is compatible with most phytosanitary treatments, increasing the effectiveness of the same. The GEL technology based on high quality nutrients and state-of-the-art adjuvants facilitates, on the one hand, the preparation of application broths when liquidated and, on the other hand, the effectiveness as a nutrient.

### GUARANTEED ANALYSIS

(% M/V)

|                                                        |        |
|--------------------------------------------------------|--------|
| Total nitrogen (N)                                     | 15,00% |
| Phosphorus pentoxide (P2O5) soluble in water           | 10,00% |
| Potassium oxide (K2O) soluble in water                 | 15,00% |
| Boron (B) in mineral form and soluble in water         | 0,01%  |
| Copper (Cu) soluble in water and chelated with EDTA    | 0,01%  |
| Iron (Fe) soluble in water and chelated with EDTA      | 0,01%  |
| Manganese (Mn) soluble in water and chelated with EDTA | 0,01%  |
| Zinc (Zn) soluble in water and chelated with EDTA      | 0,01%  |

## FERTI ADVANCE



### FEATURES

FERTI ADVANCE is a high liquid nitrogen fertilizer containing dicyandiamide (DCD), a nitrification inhibitor. The presence of DCD (Dicyandiamide) in FERTI ADVANCE delays the transformation of ammonia nitrogen and amide nitrogen into nitric nitrogen; form of nitrate; this process represents a significant source for the plant (which will benefit from constant assimilable nitrogen nitrogen) and an advantage that leads to the reduction of nitrogen losses caused by leaching.

Thanks to its characteristics and the rapid and economical method of application, FERTI ADVANCE offers great advantages and allows the use of lower fertilization doses thanks to homogeneity and precision in distribution.

### GUARANTEED ANALYSIS

(% M/V)

|                                        |        |
|----------------------------------------|--------|
| Total nitrogen (N)                     | 40,00% |
| Ammonia nitrogen (N)                   | 17,60% |
| Nitrogen (N) Nitric                    | 7,50%  |
| Urea Nitrogen (N)                      | 14,90% |
| Sulfur trioxide (SO3) soluble in water | 29,00% |
| DCD (dicyandiamide)                    | 0,50%  |

## FERTI POTASIO 42%



### FEATURES

Innovative

Ultra - Concentrated Fertilizer Organically

Activated

Better absorption and efficacy of nutrients

Concentrated NPK fertilizer in suspension containing essential nutrients and high quality additives.

### FEATURES

- High solubility of macronutrients (N, P, K).
- Maximum production technology with highly selected raw materials.
- 100% free of impurities and chlorine.
- No compaction or formation of dust or lumps.
- Safety, comfort and handling.
- Formulation adapted to the needs of each stage of the crop.
- FERTI POTASIO 42% stimulates plant growth.

FERTI POTASIO 42% is a new product which, thanks to its gelatinous structure, increases the retention time of the product and reduces the surface tension of the leaves, favoring the opening of stomata and cuticular absorption, thus increasing the amount of nutrients absorbed. It acts as a protective colloid for nutrients, guaranteeing their structure and properties, avoiding chemical degradation and losses due to evaporation or the formation of secondary compounds. Since it is a GEL fertilizer, and has a non-ionic character, it is compatible with most phytosanitary treatments, increasing the effectiveness of the same.

The GEL technology based on high quality nutrients and state-of-the-art adjuvants facilitates, on the one hand, the preparation of application broths when liquidated and, on the other, the effectiveness as a nutrient.

### GUARANTEED ANALYSIS

(% M/V)

|                                                        |        |
|--------------------------------------------------------|--------|
| Total nitrogen (N)                                     | 5,00%  |
| Phosphorus pentoxide (P2O5) soluble in water           | 5,00%  |
| Potassium oxide (K2O) soluble in water                 | 42,00% |
| Boron (B) in mineral form and soluble in water         | 0,01%  |
| Copper (Cu) soluble in water and chelated with EDTA    | 0,01%  |
| Iron (Fe) soluble in water and chelated with EDTA      | 0,01%  |
| Manganese (Mn) soluble in water and chelated with EDTA | 0,01%  |
| Zinc (Zn) soluble in water and chelated with EDTA      | 0,01%  |



## AGROFOL F40



### FEATURES

Innovative  
 Ultra - Concentrated Fertilizer Organically Activated  
 Better absorption and efficacy of nutrients  
 Concentrated NPK fertilizer in suspension containing essential nutrients and high quality additives.

### FEATURES

- High solubility of macronutrients (N, P, K).
- Maximum production technology with highly selected raw materials.
- 100% free of impurities and chlorine.
- No compaction or formation of dust or lumps.
- Safety, comfort and handling.
- Formulation adapted to the needs of each stage of the crop.
- AGROFOL F40 stimulates plant growth.

AGROFOL F40 is a new product which, thanks to its gelatinous structure, increases the retention time of the product and reduces the surface tension of the leaves, favoring the opening of stomata and cuticular absorption, thus increasing the amount of nutrients absorbed. It acts as a protective colloid of nutrients, guaranteeing their structure and properties, avoiding chemical degradation and losses due to evaporation or the formation of secondary compounds.

Being a GEL fertilizer, and having a non-ionic character, it is compatible with most phytosanitary treatments, increasing their effectiveness.

The GEL technology based on high quality nutrients and state-of-the-art adjuvants facilitates, on the one hand, the preparation of application broths when liquidated and, on the other, the effectiveness as a nutrient.

### GUARANTEED ANALYSIS

(% M/V)

|                                                        |        |
|--------------------------------------------------------|--------|
| Total nitrogen (N)                                     | 10,00% |
| Phosphorus pentoxide (P2O5) soluble in water           | 40,00% |
| Potassium oxide (K2O) soluble in water                 | 10,00% |
| Boron (B) in mineral form and soluble in water         | 0,01%  |
| Copper (Cu) soluble in water and chelated with EDTA    | 0,01%  |
| Iron (Fe) soluble in water and chelated with EDTA      | 0,01%  |
| Manganese (Mn) soluble in water and chelated with EDTA | 0,01%  |
| Zinc (Zn) soluble in water and chelated with EDTA      | 0,01%  |

## AGRO FIT NPK



### FEATURES

Innovative  
 Ultra - Concentrated Fertilizer Organically Activated  
 Better absorption and efficacy of nutrients  
 Concentrated NPK fertilizer in suspension containing essential nutrients and high quality additives.

### FEATURES

- High solubility of macronutrients (N, P, K).
- Maximum production technology with highly selected raw materials.
- 100% free of impurities and chlorine.
- No compaction or formation of dust or lumps.
- Safety, comfort and handling.
- Formulation adapted to the needs of each stage of the crop.
- AGRO FIT NPK stimulates plant growth.

AGRO FIT NPK is a new product which, thanks to its gelatinous structure, increases the retention time of the product and reduces the surface tension of the leaves, favoring the opening of stomata and cuticular absorption. thus increasing the amount of nutrients absorbed. It acts as a protective colloid for nutrients, guaranteeing their structure and properties, avoiding chemical degradation and losses due to evaporation or the formation of secondary compounds.

Being a GEL fertilizer, and having a non-ionic character, it is compatible with most phytosanitary treatments, increasing their effectiveness.

The GEL technology based on high quality nutrients and state-of-the-art adjuvants facilitates, on the one hand, the preparation of application broths when liquidated and, on the other, the effectiveness as a nutrient.

### GUARANTEED ANALYSIS

(% M/V)

|                                                        |        |
|--------------------------------------------------------|--------|
| Total nitrogen (N)                                     | 20,00% |
| Phosphorus pentoxide (P2O5) soluble in water           | 12,00% |
| Potassium oxide (K2O) soluble in water                 | 5,00%  |
| Boron (B) in mineral form and soluble in water         | 0,01%  |
| Copper (Cu) soluble in water and chelated with EDTA    | 0,01%  |
| Iron (Fe) soluble in water and chelated with EDTA      | 0,01%  |
| Manganese (Mn) soluble in water and chelated with EDTA | 0,01%  |
| Zinc (Zn) soluble in water and chelated with EDTA      | 0,01%  |





# Chitosan

Chitosan is characterized by protecting crops against attacks by pathogens and pests, Directly or indirectly, such as improving crop quality, or maintaining production stability during storage after harvest. Chitosan is an elicitor that activates the plant's self-defense capacity. Pathogens enter plants through three mechanisms: By their own means, through wounds, and through openings.

natural (including stomata).

Stomatal openings in plants provide an entry route for many pathogens, reducing these openings can provide an effective method of avoiding attack by pathogens that have chitin as a component of their cell wall.

The products of the Agrochimic QUITOSANE line activate mechanisms in the plant that order stomatal closure. The application of chitosan causes false stress on the plant, since it confuses the presence of the product with the proximity of a pathogen ready to attack it. This recognition sets in motion a complex self-defense mechanism, partly based on the role played by calcium as a second messenger.

The products of the Agrochimic QUITOSANE line allow the entry of Calcium into the cell, as an important element in the activation of defenses in crops. Calcium that penetrates the cells, favors the strengthening of cell membranes, which allows the maintenance of the turgor and firmness of the fruits in post-harvest.

In addition, the products of the Agrochimic QUITOSANE line also activate the formation of physical barriers, activate the formation of secondary roots and root hairs in the adult plant, activate the adsorption of micronutrients, etc ...

Also note that the products of the Agrochimic QUITOSANE line are used for coating seeds, for their preservation during storage and in the release of fertilizer systems.



## NATURSAN BIO



### FEATURES

Elicitor and Biostimulant (increase in the development of the root system), fungistatic (defense against fungal attacks), nematostatic (protection against plant parasitic nematodes) and protector against airborne diseases.

It modulates the activity of the PAL. NATURSAN BIO, activates the secondary metabolism of the plant. With the application of NATURSAN BIO it activates the defense mechanisms of plants (SAR), increases the production of anti-stress proteins and increases the endogenous production of growth hormones. NATURSAN BIO is favorable in the following crops: Table Grapes, Wine Vine, Citrus Fruits, Kiwi, Olive, Fruit Trees in general, Vegetables, Strawberries, Raspberries, Blueberries, etc.

### GUARANTEED ANALYSIS

CHITOSAN (Poly-D-glucosamine)

(% M/M)

3,00%

## NATURSAN BIO CU



### FEATURES

In NATURSAN BIO Cu, copper has a direct effect on the healing of wounds and cuts in plants, such as falling leaves or pruning cuts. This effect is achieved because copper is also a SAR ion, which induces the activation of indirect response mechanisms for defense against different types of diseases, known as elicitation of the plant's immune system. Copper is also an important microelement, which participates in the synthesis of numerous enzymes.

In addition to the action of Copper, Chitosan adds the activation of powerful metabolic pathways complementary to those activated by Copper. These complementary pathways converge to produce defense and growth promoting substances. Chitosan, in contact with plant tissues, favors the transcription of defense proteins, such as, for example, phytoalexins, which are plant antibodies, also anti-stress proteins, which aim to provide stability in photosynthetic activity and also to produce strengthening of the plant.

### GUARANTEED ANALYSIS

CHITOSAN (Poly-D-glucosamine)

(% M/M)

1,72%

Copper (Cu) soluble in water

4,30%

## NATURSAN 250



### FEATURES

NATURSAN 250 is a complex copper-based formula that is easily absorbed and quickly translocated to all plant organs. It also contains chitosan (poly-D-glucosamine) in solution, which is a natural polymer that is extracted from the shells of crustaceans. NATURSAN 250 prevents copper deficiencies and activates the resistance mechanisms of the plant (production of phytoalexins, chitinase, glucanase, etc.).

Applied promptly, it gives plants greater vitality. The presence of complexed copper has a synergistic effect with chitosan which enhances the firmness of the crops.

### GUARANTEED ANALYSIS

CHITOSAN (Poly-D-glucosamine)

(% M/V)

2,50%

Copper (Cu) soluble in water

5,00%

## NATURSAN BIO P CU



### FEATURES

NATURSAN BIO P Cu is a foliar fertilizer and an inducer-activator of the plant immune system the SAR mechanism. It combines three active ingredients which are: chitosan, phosphate and copper ions, complexed with carboxylic acids. It is a blend that combines three elicitors that modulate secondary metabolism, providing multiple defense pathways to plants against different types of stress, both biotic and abiotic. In turn, NATURSAN BIO P Cu, by itself, is a nutrient source of copper and phosphorus, important in the redox reactions of plants, especially those that have to do with photosynthesis, as well as in all catabolic reactions that require power.

### GUARANTEED ANALYSIS

CHITOSAN (Poly-D-glucosamine)

(% M/V)

1,50%

Phosphorus pentoxide (P2O5) soluble in water

12,00%

Copper (Cu) soluble in water

3,50%

## POTASIO TRIPLE 150



### FEATURES

POTASSIUM TRIPLE 150, is a product that combines 5 active ingredients in optimal proportions: chitosan (Pol-liD-glucosamine), nitrogen, phosphorus, potassium and the essential cation Mg (II). Chitosan and phosphorus are two active elicitor ingredients of secondary metabolism through the modulation of PAL (Phenylalanine Ammonium Liasa) and, therefore, they are activators of the immune system of plants through the SAR mechanism.

Mg (II), on the other hand, as an essential nutritional element, tries to make up for and / or correct any deficiencies in this object.

The combination of Mg (II) with SAR elicitors facilitates their entry into tissue and / or plant cells. The addition of phosphorus and chitosan helps maintain a stable level of metabolic activity at the cellular level. That is, it allows the tissue to constantly carry out its metabolic activities. Somehow the elicitors relieve tissues and / or cells from any kind of stress. This allows a stable stomatal opening in the leaf with active photosynthesis, which also favors greater efficiency in the use of the magnesium supplied for the product. Physiologically, Magnesium is a primary constituent of chlorophyll, without which photosynthesis would not have happened. Magnesium also acts as a structural component in ribosomes, stabilizing their structure, which is necessary for proper protein synthesis. It also plays an essential role in carbohydrate metabolism. Furthermore, Magnesium is an element of high mobility in the plant, so the deficiency symptoms are detected in mature leaves.

### GUARANTEED ANALYSIS

Total nitrogen (N)

(% M/V)

3,00%

Urea nitrogen (N)

3,00%

Phosphorus pentoxide (P2O5) soluble in water

10,00%

Potassium oxide (K2O) soluble in water

15,00%

Magnesium (MgO) soluble in water

3,00%

CHITOSAN (Poly-D-glucosamine)

1,50%

## NATURSAN BIO MN



### FEATURES

NATURSAN BIO Mn is a product designed to prevent manganese deficiencies. NATURSAN BIO Mn is specially formulated to allow greater penetration and mobility of these micronutrients in the plant and more effectively prevent the deficiencies of these elements. NATURSAN BIO Mn also contains chitosan (polysaccharide of natural origin) which improves the resistance of the plant to the most fungal diseases. Common. Plants treated with NATURSAN BIO Mn are more resistant to stress.

### GUARANTEED ANALYSIS

|                                 | (% M/M) |
|---------------------------------|---------|
| CHITOSAN (Poly-D-glucosamine)   | 2,00%   |
| Manganese (Mn) soluble in water | 3,00%   |

## NATURSAN BIO MG



### FEATURES

NATURSAN BIO Mg is a chitosan-based product that activates the SAR response mechanisms. The complexed magnesium stimulates the absorption of phosphorus and the synthesis of amino acids and starch. Chitosan acts as an elicitor of plant defense mechanisms by stimulating the synthesis of various enzymes, resistance proteins and phytoalexins. For its part, magnesium is a fundamental constituent of chlorophyll contributing to greater photosynthetic efficiency and in turn is part of the ribosomal structure thus optimizing protein synthesis.

Benefits of NATURSAN BIO Mg:

- Induction of the acquired resistance system (SAR)
- Increases the emission of roots and roots
- Greater vigor and degree of lignification of plants.
- Increases the synthesis of amino acids and proteins.
- Improves absorption and translocation of phosphorus
- Fungistatic and nematostatic effect
- Increases photosynthetic efficiency
- Increases crop production and quality.
- Covers the nutritional deficiencies of magnesium

### GUARANTEED ANALYSIS

|                                 | (% M/M) |
|---------------------------------|---------|
| CHITOSAN (Poly-D-glucosamine)   | 2,00%   |
| Magnesium (Mg) soluble in water | 3,00%   |

## NATURSAN BIO ZN



### FEATURES

NATURSAN BIO Zn is a chitosan-based product that activates the SAR response mechanisms and allows the complexation of zinc which is absorbed and translocated more efficiently throughout the plant. NATURSAN BIO Zn stimulates the mechanisms of acquired systemic resistance (SAR) which causes the synthesis of phytoalexins, enzymes and resistance proteins against various pathogens. In turn, the supply of zinc increases the synthesis of IAA (indolacetic acid), the formation of buds, the germination of pollen and is involved in the synthesis and partitioning of starch.

Benefits of NATURSAN BIO Zn:

- Induction of the acquired resistance system (SAR).
- Increases radical and aerial development.
- Fungistatic and nematostatic effect.
- Accelerates the translocation of zinc throughout the plant.
- Increases the formation of sprouts.
- Improves fruit and grain setting and filling process.
- Regulates the starch translocation process.
- Increases crop production and quality.
- Helps cover the nutritional deficiencies of zinc.

### GUARANTEED ANALYSIS

|                               | (% M/M) |
|-------------------------------|---------|
| CHITOSAN (Poly-D-glucosamine) | 2,00%   |
| Zinc (Zn) soluble in water    | 3,00%   |

## NATURSAN P



### FEATURES

NATURSAN P, is a product that basically combines two active ingredients: chitosan polymer (polyglucosamine) and phosphorous acid. The two active ingredients are elicitors of secondary metabolism, through the modulation of PAL (Phenylalanine Ammonium Liase) and, therefore, of activators of the immune system of plants through the SAR mechanism. The idea of combining pure phosphorous acid with this polymer is to stabilize it with the latter avoiding the use of a salt. The aim is to have a product that combines only chitosan with phosphate ion in high quantities, in order to have an excellent signal to stimulate the mechanism. SAR, which among other things allows to produce high levels of phytoalexins. Excellent source of phosphorus and very good complement for the prevention of fungal attacks on the root system.

### GUARANTEED ANALYSIS

|                                              | (% M/M) |
|----------------------------------------------|---------|
| CHITOSAN (Poly-D-glucosamine)                | 1,50%   |
| Phosphorus pentoxide (P2O5) soluble in water | 36,50%  |

## NATURSAN BIO PK



### FEATURES

NATURISMO BIO PK contains Potassium and Phosphorus as a whole, it is presented as one of the most interesting tools from the point of view of the stimulation of the SAR (Systemic Acquired Resistance) mechanism, on the one hand Chitosan (poly-D-glucosamine) produces an effect immunostimulant that induces the activation of defense mechanisms of plant tissues against different types of diseases, in what is known as elicitation of the plant immune system. This means the production of defense substances and anti-stress proteins.

Now, the peculiarity of Chitosan is that it does not have a great systemic effect on the plant but it has an excellent residuality. Therefore the elicitation of the SAR occurs rather from the outside within the plant and with a very lasting effect.

Potassium, on the other hand, has a great systemic effect on the plant, almost immediately traveling along the watercourse, but with fewer residues. In short, the action of Potassium and Chitosan enhances the activation of the plant's immune system and biostimulates its growth.



| GUARANTEED ANALYSIS                          | (% M/M) |
|----------------------------------------------|---------|
| CHITOSAN (Poly-D-glucosamine)                | 1,50%   |
| Phosphorus pentoxide (P2O5) soluble in water | 8,00%   |
| Potassium oxide (K2O) soluble in water       | 7,30%   |

- Increases the formation of sprouts.
- Improves fruit and grain setting and filling process.
- Regulates the starch translocation process.
- Increases crop production and quality.
- Helps cover the nutritional deficiencies of zinc.

| GUARANTEED ANALYSIS           | (% M/M) |
|-------------------------------|---------|
| CHITOSAN (Poly-D-glucosamine) | 2,00%   |
| Zinc (Zn) soluble in water    | 3,00%   |

## FOSS NATUR BIO P-MG



### FEATURES

NATURSAN BIO Zn is a chitosan-based product that activates the SAR response mechanisms and allows the complexation of zinc which is absorbed and translocated more efficiently throughout the plant. NATURSAN BIO Zn stimulates the mechanisms of acquired systemic resistance (SAR) which causes the synthesis of phytoalexins, enzymes and resistance proteins against various pathogens. In turn, the supply of zinc increases the synthesis of IAA (indolacetic acid), the formation of sprouts, the germination of pollen and is involved in the synthesis and partitioning of starch.

Benefits of NATURSAN BIO Zn:

- Induction of the acquired resistance system (SAR).
- Increases radical and aerial development.
- Fungistatic and nematostatic effect.
- Accelerates the translocation of zinc throughout the plant.
- Increases the formation of sprouts.
- Improves fruit and grain setting and filling process.
- Regulates the starch translocation process.
- Increases crop production and quality.
- Helps cover the nutritional deficiencies of zinc.

| GUARANTEED ANALYSIS           | (% M/M) |
|-------------------------------|---------|
| CHITOSAN (Poly-D-glucosamine) | 2,00%   |
| Zinc (Zn) soluble in water    | 3,00%   |

## FOSS NATUR BIO P-MG



### FEATURES

FOSS NATUR BIO P-Mg, is a product that combines 3 active ingredients in optimal proportions: chitosan, phosphorus ion and the essential cation Mg (II). The first two active ingredients are elicitors of secondary metabolism through the modulation of PAL (Phenylalanine Ammonium Liase) and, therefore, are Activators of the Immunological System of plants through the SAR mechanism. Mg (II), on the other hand, as an essential nutritional element, tries to make up for and / or correct any deficiencies in this object. The combination of Mg (II) with both the two SAR elicitors facilitates its entry into the tissues and / or vegetable cells. The addition of the phosphate ion and chitosan helps to maintain a stable level of metabolic activity at the cellular level. That is, it allows the tissue to constantly carry out its metabolic activities.

| GUARANTEED ANALYSIS                          | (% M/M) |
|----------------------------------------------|---------|
| CHITOSAN (Poly-D-glucosamine)                | 1,60%   |
| Phosphorus pentoxide (P2O5) soluble in water | 16,00%  |
| Magnesium (MgO) soluble in water             | 4,00%   |

## NATURSAN BIO P-ZN



### FEATURES

NATURSAN BIO Zn is a chitosan-based product that activates the SAR response mechanisms and allows the complexation of zinc which is absorbed and translocated more efficiently throughout the plant. NATURSAN BIO Zn stimulates the mechanisms of acquired systemic resistance (SAR) which causes the synthesis of phytoalexins, enzymes and resistance proteins against various pathogens. In turn, the supply of zinc increases the synthesis of IAA (indolacetic acid), the formation of buds, the germination of pollen and is involved in the synthesis and partitioning of starch.

Benefits of NATURSAN BIO Zn:

- Induction of the acquired resistance system (SAR).
- Increases radical and aerial development.
- Fungistatic and nematostatic effect.
- Accelerates the translocation of zinc throughout the plant.

### FEATURES

NATURSAN BIO P-Zn, is a product that essentially combines three active ingredients: Chitosan, phosphorus ion and the essential micronutrient Zinc. The first two active ingredients are elicitors of secondary metabolism, through the modulation of PAL (Phenylalanine Ammonium Liase) and, therefore, Activators of the immune system of plants through the SAR mechanism. Zinc, on the other hand, as an essential nutritional element, seeks to provide and / or correct any deficiency of the elements. The idea of combining Zinc with the two SAR elicitors is to facilitate its entry into the tissue and / or plant cells. The addition of the Phosphorus Ion and Chitosan helps to maintain a stable metabolic activity level at the cellular level, i.e. it will allow the tissue to carry out its metabolic activities in a constant, which will contribute to an efficient zinc supply.

| GUARANTEED ANALYSIS                          | (% M/M) |
|----------------------------------------------|---------|
| CHITOSAN (Poly-D-glucosamine)                | 1,50%   |
| Phosphorus pentoxide (P2O5) soluble in water | 11,70%  |
| Zinc (Zn) soluble in water                   | 3,50%   |



# SILICATES

SILICON is an element that exists in the earth's crust with more than a quarter of the total weight and is the second most abundant element in the earth's crust after oxygen.

Silicon is never in a free state, but in some minerals such as quartz, feldspar, amethyst, flint, mica, jasper stone, and opal. Therefore, it is part of the rocks, granite, clay, generally biological and mineral elements, which constitute the soil in which agricultural crops are grown.

Silicon is essential for many living beings developed in biological processes, structural functions, protection and control, among others. It is assimilable by living organisms, mainly in form of organic silicon or mono silicic acid ( $H_4SiO_4$ ).

The soil where the crops are found is constituted mainly in the form of minerals (polymer) a portion of the soil structure is rock and clay, however silicon cannot be assimilated by plants in mineral form, which only absorb silicon in acid form Silicon (Organic Silicon).





## VIOSIL 38%



### FEATURES

VIOSIL 38% is a concentrated liquid fertilizer based on potassium silicate characterized by high solubility. Facilitates the absorption of nutrients in the plant by promoting the activity of the root and strengthening the stem; starting from This form stimulates growth and makes plants more resistant to disease. On the other hand, it improves the anti-stress capacity of the plants and facilitates the dissolution of any toxins from the soil.

VIOSIL 38% absorbs moisture. For this reason it is an effective fertilizer in reducing the amount of water. free which is deposited on the aerial part of the crops. Consequently, after the application of this product, an environment that is hostile to the development of rot (caused by Botrytis cinerea, Sclerotinia sp.), Powdery mildew or mold is obtained.

VIOSIL 38% it is a source of silicon and potassium. Participate in the constitution of cereals. Improves production, increasing post-harvest lifespan. It increases the BRIX degrees of the fruits and in the sugar cane counteracts the effects of ultraviolet rays. Avoid infertility in herbs.

### GUARANTEED ANALYSIS

(% M/M)

|                                                     |        |
|-----------------------------------------------------|--------|
| Potassium silicate                                  | 38,00% |
| Assimilable silicon (Si)                            | 11,59% |
| Soluble silicon (SiO <sub>2</sub> )                 | 14,92% |
| Potassium oxide (K <sub>2</sub> O) soluble in water | 12,50% |

### APPLICATIONS

VIOSIL 38% can be applied by foliar spray. It is very alkaline so it is advisable not to exceed the concentration of the dose indicated to avoid damage to plants

## VIOSIL K 460



### FEATURES

VIOSIL K 460 is an aqueous solution of the potassium salt of polymerized silicic acid. In addition to its function As an available source of silica and potassium for growth, it also increases resistance to environmental factors and can have a preventive effect against fungi.

VIOSIL K 460 is a 100% natural soluble liquid formula that controls the development of the root system, increasing the resistance of plants to abiotic and biotic stresses, such as high and low temperatures, wind, high concentrations of salts and heavy metals, hydrocarbons, aluminum, insects, fungi, diseases.

The silicon contained in VIOSIL K 460 is also deposited on the walls of root cells, acting as a barrier against the invasion of parasites and pathogens.

VIOSIL K 460 increases the productivity and quality of agricultural crops. It is a good fertilizer for grapevine, rice, corn, wheat, sugarcane, palm, mango, blackberry, guava, chili, beans, forage grass, etc.

VIOSIL K 460 strengthens the storage and distribution capacity of carbohydrates necessary for plant growth.

The applications VIOSIL 460 K reduces the leaching levels of nitrogen, phosphorus and potassium.

VIOSIL K 460 restores soil degradation by increasing the level of fertility, since the lack of silicon (assimilable monosilic amorphous silica acids) leads to the destruction of organo-mineral complexes.

VIOSIL K 460 increases resistance to drought. Its application in fertilization programs optimizes the use of irrigation water by 30 to 40% and extends irrigation intervals. In the same way it allows the rehabilitation of soils affected by salts and compaction.

### GUARANTEED ANALYSIS

(% M/M)

|                                                     |        |
|-----------------------------------------------------|--------|
| Potassium silicate                                  | 38,00% |
| Assimilable silicon (Si)                            | 11,59% |
| Soluble silicon (SiO <sub>2</sub> )                 | 14,92% |
| Potassium oxide (K <sub>2</sub> O) soluble in water | 12,50% |

### APPLICATIONS

VIOSIL 38% can be applied by foliar spray. It is very alkaline so it is advisable not to exceed the concentration of the dose indicated to avoid damage to plants

## SILI CALMAG



### FEATURES

SILI CALMAG is indicated as a fortifier of plant tissues for foliar and / or root application, whose purpose is to increase the tolerance of the crop to attack by pathogens, improve the shelf life of the fruit and increase the resistance of the plant and fruit to physical damage caused by rubbing, handling, etc.

Silicon (Si) accumulates in the epidermal tissues of the roots and shoots. Epidemic thickening of the silicate-cellulose layer supports the mechanical stability of plants and can improve their resistance to biotic and / or abiotic stress.

SILI CALMAG it is used as a source of calcium and magnesium in plant nutrition programs. Its application prevents and controls calcium deficiencies aggravated by mild magnesium and boron deficiencies.

Regular foliar applications of SILI CALMAG prevent the effects of deficiencies in silicon, calcium (apical necrosis, fruit cracking, early ripening) and magnesium (reduction of photosynthetic activity). This Therefore, yields with better vegetative growth and higher yields in crops are obtained.

## SILI CALMAG

- Increases the productivity and quality of agricultural crops.
- Increases the resistance of the soil against wind and water erosion.
- Increases drought resistance in plants.
- Promotes colonization by symbiotic microorganisms (bacteria and fungi).
- Reduces the leaching of phosphorus, nitrogen and potassium in agricultural cultivation areas.
- Increases the resistance of the salinity.
- Protects plants from attack by diseases, fungi and insects.
- Restores areas contaminated with heavy metals and hydrocarbons.
- It is part of the structure of the trichomes.

### GUARANTEED ANALYSIS

(% M/M)

|                                                    |        |
|----------------------------------------------------|--------|
| Calcium oxide (CaO) soluble in water               | 11,00% |
| Magnesium oxide (MgO) soluble in water             | 10,00% |
| Silicon oxide (SiO <sub>2</sub> ) soluble in water | 34,00% |

## SILI SEC



### FEATURES

SILI SEC is a 100% natural compound based on micronized silica. The particle size is 7-9 microns. SILI SEC is a highly hygroscopic product (1kg SILI SEC absorbs 3L of water).

Therefore, its application drastically reduces both environmental humidity and any condensation at the level of the leaves. SILI SEC eliminates the high relative humidity which favors the proliferation of diseases of fungal origin such as rot (*Botrytis cinerea*), powdery mildew, downy mildew, etc.

SILI SEC is an effective fertilizer in reducing relative humidity, therefore its application prevents the appearance of fungal diseases. It is compatible with integrated pest management and does not cause phytotoxicity in plants.

### GUARANTEED ANALYSIS

(% M/M)

|                                                    |        |
|----------------------------------------------------|--------|
| Silicon oxide (SiO <sub>2</sub> ) soluble in water | 98,00% |
|----------------------------------------------------|--------|

## SILICAL SP



### FEATURES

SILICAL SP is a product of natural origin which, thanks to its richness in trace elements, manages to fill the gaps caused in crops. SILICAL SP helps to control insects such as: mosquitoes, flies, caterpillars, spiders, lice, fleas, grasshoppers, etc., thanks to its physical-mechanical action, (producing small cuts in insects with the contact of SILICAL SP). It also repels mollusks such as slugs and slugs. SILICAL SP is also an effective desiccant in environments with excessive humidity. It protects cereals and seeds against fungi, viruses and bacteria, greatly improving germination. It is a totally harmless product for people and animals. Can be used as an insect repellent on animals.

### GUARANTEED ANALYSIS

(% M/M)

|                                                    |        |
|----------------------------------------------------|--------|
| Calcium oxide (CaO) soluble in water               | 48,15% |
| Calcium (Ca) soluble in water                      | 34,70% |
| Silicon oxide (SiO <sub>2</sub> ) soluble in water | 50,69% |

## SIL TRIPLE NPK



### FEATURES

SIL TRIPLE NPK is a Silicon-based liquid fertilizer enriched with Nitrogen, Phosphorus and Potassium. Silicon is rapidly transported to plants through the xylem optimizing the physical and chemical properties of the soil and the structural and cellular development of plants. SIL TRIPLE NPK strengthens the cuticles, forming a protective barrier against fungi, bacteria and the attack of sucking insects such as Acari, Aphi dos and White Fly. It also protects plants from excessive water loss due to transpiration; causes greater mass and volume of roots; intensifies the sugar content in fruit trees; increases productivity in horticulture and improves forage production. Its continued use reduces urea and pesticide applications.

SIL TRIPLE NPK it allows rapid absorption of mineral nutrients because they are combined with natural low molecular weight chelating agents.



## Advantages of SIL TRIPLE NPK:

- Protects plants from excessive water loss through transpiration.
- Causes greater root mass and volume.
- Intensifies the sugar content in fruit trees.
- Improvement of the condition of the stalk.
- Increases productivity in horticulture and improves forage production.

## GUARANTEED ANALYSIS

(% M/M)

|                                                    |        |
|----------------------------------------------------|--------|
| Calcium oxide (CaO) soluble in water               | 5,00%  |
| Magnesium oxide (MgO) soluble in water             | 7,00%  |
| Silicon oxide (SiO <sub>2</sub> ) soluble in water | 3,00%  |
| Silicon oxide (SiO <sub>2</sub> ) soluble in water | 10,00% |

## SEASIL NPK



## FEATURES

SEASIL NPK is a liquid NPK fertilizer with silicates and Ecklonia Máxima seaweed extract that helps strengthen plants.

It is mainly used for foliar fertilization of cereals, since the silica present in the product is incorporated into the cell walls avoiding problems of lodging, improving resistance to stress, disease and drought.

The combination of nutrients with Ecklonia Máxima seaweed extract facilitates growth, yield and vitality in crops.

SEASIL NPK contains, in addition to the minerals provided by the nutrients, valuable nutrients and nutrients that Ecklonia seaweed extract provides.

## GUARANTEED ANALYSIS

(% M/V)

|                                                                        |        |
|------------------------------------------------------------------------|--------|
| Total nitrogen (N)                                                     | 5,00%  |
| Urea nitrogen (N)                                                      | 5,00%  |
| Phosphorus pentoxide (P <sub>2</sub> O <sub>5</sub> ) soluble in water | 3,00%  |
| Potassium oxide (K <sub>2</sub> O) soluble in water                    | 7,00%  |
| Silicic acid (SiO <sub>3</sub> ) soluble in water                      | 10,00% |
| Total Organic Matter                                                   | 22,70% |
| Maximum Ecklonia seaweed extract                                       | 22,70% |
| Alginate acid                                                          | 0,60%  |
| mannitol                                                               | 0,20%  |
| The product contains Ecklonia Máxima seaweed extract                   |        |

## VIOSIL L



## FEATURES

VOSIL L is absorbed by the plant in the form of monosilicic acid (H<sub>4</sub>SiO<sub>4</sub>), it accumulates mainly in the areas of maximum perspiration (trichomes, spines, etc.) such as polymerized polysilicic acid (amorphous silica). The deposit of VOSIL L between the cuticle and the epidermis of the leaves confers protection to the plants and reduces the effects of stress of a biotic or abiotic nature.

VOSIL L occurs more frequently in areas where water is lost in large quantities, that is, in the foliar epidermis, together with the guard cells of the stomata and other epidermal cells. Those deposits of VOSIL L in foliar tissues they promote a reduction in the rate of perspiration.

In addition to the effect on perspiration, the deposition of VOSIL L on the cell walls makes the plants more resistant to the action of fungi and insects. This occurs due to the association of VOSIL L with constituents of the cell wall, making them less accessible to enzymes that cause degradation (mechanical resistance). Fertilization with VOSIL L has shown efficacy in the control of several important diseases, mainly fungus.

Benefits of using VOSIL L in agriculture

1. The use of VOSIL L silicon (edaphic or foliar fertilization) has contributed to improve the absorption of macro and micro nutrients by plants.
2. Increase in crop productivity, especially by increasing their resistance to attack by pests, significantly reducing the use of pesticides and pesticides.
3. Manifestation of benefits in plants known as accumulators (rice, sugarcane, pastures), as well as in plants that do not accumulate silicon (tomato, some vegetables, etc.).
4. Greater development of plants, which enables greater production per cultivated hectare.
5. Protection of the crop against specific diseases of each plant.

## GUARANTEED ANALYSIS

(% M/M)

|                                                    |        |
|----------------------------------------------------|--------|
| Silicon Oxide (SiO <sub>2</sub> ) soluble in water | 48,50% |
| Silicon (Si) soluble in water                      | 22,70% |



# TREATMENT OF SEEDS

In the vast majority of crops, their ultimate success is preceded by successful germination and a great quality of the seed.

Agrochimic has developed products for this purpose for years, with the sole purpose of providing better characteristics in the seeds, thus obtaining high germination, and better seeds for the rooting process.

A healthy start lays the foundation for strong behavior as you grow older. floors. Seed treatment provides protection during the critical stages of germination and establishment of the crop when the seeds and emerging seedlings do not have the capacity to protect themselves against invading pathogens and pests. By serving as the front line defense, seed treatments can improve seed germination, emergence of the seedlings, establishment of the crop and vigor of the plant. As a result of this behavior early in the season, plants treated with seed treatment have a advantage over untreated plants when it comes to yield, quality and profit potential.





## GROWSEED MIX MN



### FEATURES

GROWSEED MIX Mn is specially designed to improve the yield and quality of the root in the crops of potatoes, carrots, radishes, beets, etc. MIX OF GROWTH SEEDS Mn is very rich in manganese, a component or activator of several enzymes involved in photosynthesis and biosynthesis of carbohydrates. The effect of manganese is complemented by Macro and microelements that optimize the nutritional status of the plant. The presence of phosphorus in a highly bioavailable environment improves the absorption of nutrients and the transport of these. Therefore, GROWSEED MIX Mn stimulates the formation of tubers, the swelling of the tubers and the accumulation of starch, resulting in an increase in the number, size and quality of potatoes.

Similarly, GROWSEED MIX Mn stimulates the development and elongation of taproots.

- Increase the number, size and quality of potato tubers.
- Improves the development of potato roots.
- Recommended for crops requiring a high Manganese content.

| GUARANTEED ANALYSIS                            | (% M/V) |
|------------------------------------------------|---------|
| Total nitrogen (N)                             | 2,00%   |
| Urea nitrogen (N)                              | 2,00%   |
| Phosphorus pentoxide (P2O5) soluble in water   | 30,00%  |
| Potassium oxide (K2O) soluble in water         | 3,00%   |
| Boron (B) in mineral form and soluble in water | 0,01%   |
| Copper (Cu) soluble in water                   | 0,02%   |
| Iron (Fe) soluble in water                     | 0,02%   |
| Manganese (Mn) soluble in water                | 4,00%   |
| Molybdenum (Mo) soluble in water               | 0,00%   |
| Zinc (Zn) soluble in water                     | 0,01%   |

## GROWSEED ZN



### FEATURES

GROWSEED Zn is specifically designed for the treatment of seeds, to guarantee an excellent start during the critical phase of germination. At this stage, if the root tissue is undeveloped, zinc requirements predominate. Putting a small but sufficient amount of zinc on each seed, while growing the first roots, can be a winning practice.

GROWSEED Zn has been rigorously tested for crop safety and has no negative effect on seed germination. The high concentration of nutrients in GROWSEED Zn allows it to supply enough of these without over-wetting the seed. The adhesion to the seed is excellent and contributes significantly to the reduction of dust.

| GUARANTEED ANALYSIS        | (% M/V) |
|----------------------------|---------|
| Zinc (Zn) soluble in water | 60,00%  |

## GROWSEED TRIACTIVE



### FEATURES

GROWSEED TRIACTIVE is specifically designed for the treatment of seeds, to ensure excellent starting from the critical phase of germination. At this stage, if the root tissue is not developed, the needs for phosphorus and zinc predominate. Putting a small but sufficient amount of phosphorus and zinc in each seed while growing the first roots can be a winning practice.

GROWSEED TRIACTIVE has been rigorously tested for crop safety and has no negative effect on seed germination. The high concentration of nutrients in GROWSEED TRIACTIVE allows you to add a sufficient amount without over-wetting the seed. The adhesion on the seed is excellent and strongly participates in the reduction of dust.

| GUARANTEED ANALYSIS                          | (% M/V) |
|----------------------------------------------|---------|
| Total nitrogen (N)                           | 14,60%  |
| Urea nitrogen (N)                            | 14,60%  |
| Phosphorus pentoxide (P2O5) soluble in water | 24,30%  |
| Zinc (Zn) soluble in water                   | 29,10%  |

## GROWSEED DUO 900



### FEATURES

GROWSEED DUO 900 provides the seed with the amino acids and organic matrix components necessary to improve seed germination, seedling emergence, crop establishment and plant vigor. Starting from this form it breaks dormancy more quickly and helps the germination of a greater number of seeds, thus obtaining a greater number of emerging plants.

Even in the first moments, thanks to its zinc content, rooting is favored. This form results in more plants with accelerated growth as they take root quickly. This favors a greater number of plants ready to produce, resulting in an increase in final productivity.

Advantages of applying GROWSEED DUO 900:

- Increase in the percentage of germination.
- Improvement of root development.
- Increased viability of inoculated bacteria.
- Adheres bacteria to the seed.
- Protects cells from drying out.
- It nourishes the inoculated bacteria.
- Increased productivity.

| GUARANTEED ANALYSIS  | (% M/V) |
|----------------------|---------|
| Total amino acids    | 9,00%   |
| Free amino acids     | 6,00%   |
| Seaweed extract      | 4,00%   |
| Total nitrogen (N)   | 5,00%   |
| Total Organic Matter | 30,00%  |

## GROWSEED COMPLET



### FEATURES

GROWSEED COMPLET directly supplies the plant with a high concentration of free "L" amino acids so that it effectively takes advantage of the formation of proteins, as well as different quantities of essential microelements (Fe, Zn, Mn, B, Mo, Cu, Ca, Mg ). The GROWSEED COMPLET formulation favors that amino acids of 100% vegetable origin are absorbed, translocated and act quickly. The amino acids contained in GROWSEED COMPLET they are a strong stimulant for the vegetative growth of the plant and favor its development, its effects are particularly visible in stressful situations. What's more, amino acids help herbicides penetrate their target (vector effect) without exhibiting phytotoxic effects for cultivation. GROWSEED COMPLET provides sufficient amounts of trace elements so that the crop does not suffer its ultimate science.

Thanks to its slightly acidic pH (5), GROWSEED COMPLET is ideal for application in most of the mixtures used in agriculture.

A compatibility test of the mixture is recommended before application. CROPS: Cereals and extensive crops (cereals, legumes, oil seeds, cotton, etc.).

| GUARANTEED ANALYSIS              | (% M/V) |
|----------------------------------|---------|
| Total amino acids                | 15,00%  |
| Free amino acids                 | 10,00%  |
| Total nitrogen (N)               | 10,00%  |
| Total Organic Matter             | 40,00%  |
| Boron (B) soluble in water       | 0,10%   |
| Calcio (CaO) soluble en agua     | 0,10%   |
| Copper (Cu) soluble in water     | 0,10%   |
| Cobalt (Co) soluble in water     | 0,01%   |
| Iron (Fe) soluble in water       | 0,10%   |
| Manganese (Mn) soluble in water  | 0,50%   |
| Magnesium (MgO) soluble in water | 0,10%   |
| Molybdenum (Mo) soluble in water | 0,02%   |
| Zinc (Zn) soluble in water       | 0,75%   |

## GROWSEED CU 500



### FEATURES

GROWSEED Cu 500 effectively prevents and corrects copper deficiencies in crops. It is available in a FLOW formulation. Furthermore, its copper supply improves the plant's response to attacks by fungi and bacteria, activating self-defense mechanisms. GROWSEED Cu 500, facilitates the movement of Copper inside the plant, while maintaining a good persistence. GROWSEED Cu 500 is recommended for all types of crops, both foliar and soil. Its use is recommended in case of deficiencies. Copper, or as a complement to phytosanitary treatments.

| GUARANTEED ANALYSIS          | (% M/V) |
|------------------------------|---------|
| Copper (Cu) soluble in water | 50,00%  |

## GROWSEED MN 500



### FEATURES

GROWSEED MN 500 is a bio-enhancer for seeds which, thanks to its high concentration of Manganese, satisfies the extraction needs of crops in soils lacking Manganese, preventing its deficiency with lower application doses. GROWSEED MN 500 also contains natural auxins that improve development, resulting in better settlement and a higher final yield of the crop.

Furthermore, its formulation is compatible with commonly used sanitary treatments and its fuchsia color allows easy monitoring after sowing.

| GUARANTEED ANALYSIS             | (% M/V) |
|---------------------------------|---------|
| Manganese (Mn) soluble in water | 50,00%  |

## GROWSEED MO 250



### FEATURES

Plants require small amounts of Molybdenum for their correct growth, but its deficiency affects its development very negatively, as it participates in various reactions within the plant.

Most of the Mo in the soil is found in forms not available to the plant, so in many cases it will be appropriate to apply assimilable forms to avoid deficiency. It will be necessary to pay particular attention to its availability in crops with high demand for this element, such as alfalfa, citrus fruits, cabbage, melons, zucchini, spinach, lettuce, potato, beet, rose bush, tobacco or tomato.

GROWSEED Mo 250 product provides rapidly assimilable molybdenum, which will greatly aid in nitrogen metabolism, chlorophyll content and respiratory activity, increasing foliar development and final production. Apply to correct molybdenum deficiencies that appear, especially by preventing in acidic pH soils.

| GUARANTEED ANALYSIS              | (% M/V) |
|----------------------------------|---------|
| Molybdenum (Mo) soluble in water | 25,00%  |

## GROWSEED F PZ TRIPLE



### FEATURES

GROWSEED F PZ TRIPLE is a concentrated solution that includes the key nutrients for optimum yield and quality in corn growing. Designed for the application of GROWSEED F PZ TRIPLE foliar product , it is highly miscible with other products, avoiding specific applications and saving time and money.

GROWSEED F PZ TRIPLE includes phosphorus, potassium and zinc, essential nutrients for optimized Corn performance. GROWSEED F PZ TRIPLE is developed with the highest quality levels of the entire range, through a rigorous control that goes from the selection of raw materials to the characteristics of the container.



The high technology used in the formulation of GROWSEED F PZ TRIPLE favors the safety and efficiency of the same, with the consequent need for fewer applications to provide the same amount of nutrients.

GROWSEED F PZ TRIPLE provides the nutrients necessary for the optimal development of the maize crop, and This results in a higher yield of the plants and therefore in the growth of the crops. Furthermore, crops that receive the right balance of nutrients not only grow better, but can also better withstand the stressful conditions and strain at each stage of development. Nutrition with GROWSEED F PZ TRIPLE it stimulates the vegetative growth at the beginning of the corn and of all the demanding crops in that phase (Citrus fruits, beans, flax, etc.).

| GUARANTEED ANALYSIS                          | (% M/V) |
|----------------------------------------------|---------|
| Phosphorus pentoxide (P2O5) soluble in water | 28,00%  |
| Potassium oxide (K2O) soluble in water       | 5,00%   |
| Zinc (Zn) soluble in water                   | 9,20%   |

## GROWFOL BIO 120



### FEATURES

GROWFOL BIO 120 suspension with high concentration for the treatment of seeds containing cobalt, molybdenum and natural biostimulant. The GROWFOL BIO 120 seed application ensures that the crop has the best possible start by providing optimal levels of cobalt and molybdenum for nitrogen treatment, stem elongation, leaf expansion and nitrogen fixation.

The natural biostimulant promotes rapid root development by providing natural auxins and cytokinins in the right proportion. This dual action of root and shoot development promotes uniform germination and allows the crop to rapidly absorb water and nutrients. Treated plants are better able to withstand stressful situations and optimize potential performance.

| GUARANTEED ANALYSIS              | (% M/V) |
|----------------------------------|---------|
| Molybdenum (Mo) soluble in water | 12,90%  |
| Cobalt (Co) soluble in water     | 1,30%   |
| Natural biostimulant             | 12,90%  |

## GROWFOL BORO



### FEATURES

GROWFOL BORO is a suspension rich in boron with manganese and molybdenum. The applications are recommended preventive as well as curative in case of boron, manganese and molybdenum deficiency. With GROWFOL BORO you can combat stressful situations in agricultural crops.

Advantages of using GROWFOL BORO:

- It is a suspension that guarantees an excellent absorption of boron in the leaves and in the meristematic tissues.
- It is more of a boron corrector, with manganese and molybdenum.
- Reduces russetting in apple varieties susceptible to this skin defect.
- High use of boron applied by additives, wetting agents and adhesives.

- Improves the resistance of young plants to drought stress conditions.
- It can be applied with all types of equipment, even at low volume or rain (pivot).

| GUARANTEED ANALYSIS              | (% M/V) |
|----------------------------------|---------|
| Boron (B) soluble in water       | 6,30%   |
| Manganese (Mn) soluble in water  | 7,40%   |
| Molybdenum (Mo) soluble in water | 0,80%   |

## GROWFOL AA-B-MO



### FEATURES

GROWFOL AA-B-Mo is a boron, molybdenum, zinc and manganese deficiency corrector containing amino acids in its formulation. Among the advantages of its use are highlighted: rapid assimilation of microelements, improvement in fruit setting and biostimulation effects due to the presence of amino acids in its composition. The synergy of Nutrient blending is important for the intense green coloring of leaves and fruits.

| GUARANTEED ANALYSIS              | (% M/V) |
|----------------------------------|---------|
| Total amino acids                | 4,00%   |
| Boron (B) soluble in water       | 6,00%   |
| Cobalt (Co) soluble in water     | 0,21%   |
| Manganese (Mn) soluble in water  | 1,00%   |
| Molybdenum (Mo) soluble in water | 3,00%   |
| Zinc (Zn) soluble in water       | 1,00%   |

## GROWFOL COMBI



### FEATURES

GROWFOL COMBI is a boron, calcium, magnesium and manganese deficiency corrector containing amino acids in its formulation. Feeding with GROWFOL COMBI is a specific and direct measure when it comes to nutritional sciences in fruit and vegetables. GROWFOL COMBI has been specially developed using the latest scientific research and practical experience in plant nutrition.

GROWFOL COMBI is a special formulation to prevent and correct the physiological deficiencies caused by the deficiency of boron, calcium, magnesium and manganese. Among the advantages of its use are highlighted: rapid assimilation of microelements, improvement in fruit setting and biostimulation effects due to the presence of amino acids in its composition. The synergy of Nutrient blending is important for the intense green coloring of leaves and fruits.

| GUARANTEED ANALYSIS              | (% M/V) |
|----------------------------------|---------|
| Total amino acids                | 4,00%   |
| Boron (B) soluble in water       | 7,90%   |
| Cobalt (Co) soluble in water     | 5,00%   |
| Manganese (Mn) soluble in water  | 7,40%   |
| Molybdenum (Mo) soluble in water | 0,10%   |
| Zinc (Zn) soluble in water       | 0,40%   |
| Cobalt (Co) soluble in water     | 8,00%   |
| Manganese (Mn) soluble in water  | 7,00%   |
| Molybdenum (Mo) soluble in water | 0,40%   |
| Zinc (Zn) soluble in water       | 0,10%   |



# VARIOUS

Agrochimic develops a large number of diverse products due to their peculiarity or their specific application at different stages of the harvest.

Such products are included in our various product line. Not for this reason, the products included in the VARIOS family are irrelevant.

Within this line we have many products that enjoy great prestige and acceptance by part of our clients.





## STICK PH



### FEATURES

STICK PH is a pH corrector and regulator recommended for the optimal preparation of spray broths of plant protection products and foliar fertilizers in water. It is an optimal solution for mixing toilets that require maximum efficiency, an acid pH (about 5.5) avoiding damage to crops or the environment.

| GUARANTEED ANALYSIS                          | (% M/M) |
|----------------------------------------------|---------|
| Urea nitrogen (N)                            | 3,00%   |
| Phosphorus pentoxide (P2O5) soluble in water | 15,00%  |

### APPLICATION

Its use is recommended to correct the pH of waters that are not entirely suitable in terms of optimal pH ranges for the assimilation of nutrients.

## STICK 3PH



### FEATURES

STICK 3PH is a pH corrector and regulator recommended for the optimal preparation of spray broths of plant protection products and foliar fertilizers in water. It is an optimal solution for mixing toilets that require maximum efficiency, an acid pH (about 5.5) avoiding damage to crops or the environment. It combines surfactants, wetting agents and ethoxylated octylphenol in its formula.

| GUARANTEED ANALYSIS     | (% M/M) |
|-------------------------|---------|
| Total nitrogen (N)      | 4,00%   |
| Urea nitrogen (N)       | 4,00%   |
| Surfactants             | 10,00%  |
| Ethoxylated octylphenol | 15,00%  |
| Neutralizing Agents     | 10,00%  |

### APPLICATION

Its use is recommended to correct the pH of waters that are not entirely suitable in terms of optimal pH ranges for the assimilation of nutrients.

## STICK TRIPLE PH COLOR



### FEATURES

STICK TRIPLE PH COLOR is a product designed to adjust the pH of phytosanitary broths and reduce the surface tension of the drop which improves the wetting effect of the broth.

At the same time, STICK TRIPLE PH COLOR acts as an antifoam and incorporates a dye that indicates the change in pH. turning from yellow to pink when the optimal value of 5 - 5'5 is reached.

| GUARANTEED ANALYSIS                          | (% M/M) |
|----------------------------------------------|---------|
| Alkyl polyglycol ether                       | 20,00%  |
| Phosphorus pentoxide (P2O5) soluble in water | 15,00%  |
| Total nitrogen (N)                           | 3,00%   |
| Urea Nitrogen (N)                            | 3,00%   |

## STICK 65



### FEATURES

STICK 65 is a natural product derived from pine resin. Chemically it is very similar to the waxy cuticle of leaves, so STICK 65 is immediately attached to the cuticle even when wet (rain, dew, irrigation).

This increases the initial deposit of the pesticide on the leaf, thanks to which it acts as a natural depositor.

STICK 65 is an ADHESIVE EXTENSION, designed to control the duration of pesticides.

STICK 65 forms a sticky and elastic film that encapsulates and tenaciously retains the pesticide on the canopy of the crop.

This protective film drastically reduces the effects of environmental degradation factors, which reduce the effectiveness of pesticide sprays.

| GUARANTEED ANALYSIS  | (% M/V) |
|----------------------|---------|
| Alcoholes terpénicos | 65,50%  |

## DIRECT 7000



### FEATURES

DIRECT 7000 can be used as a penetrant to increase the activity and effectiveness of insecticides, acaricides, fungicides, herbicides, foliar nutrients, defoliant, desiccants and growth regulators, even at low temperatures.

The best results of using DIRECT 7000 have been observed when applied with plant protection products of systemic action, since it favors its absorption by the plant. The most important action of DIRECT 7000 is about influencing the waxy layer of the leaves, ordering the stratification of the successive layers so that the active ingredients can completely penetrate the tissues. It also acts as a normal wetting agent to ensure a total and homogeneous coating of the plants by the applied plant protection products.

DIRECT 7000 is also used to lower the pH in spray liquids thus preventing hydrolysis. alkaline content of plant protection products sensitive to high pH.

| GUARANTEED ANALYSIS | (% M/M) |
|---------------------|---------|
| propionic acid      | 35,00%  |
| Non ionic agent     | 10,00%  |
| Soya phospholipids  | 35,00%  |

### APPLICATION

Adjuvant product for use in various crops, when due to the characteristics of the plants, parasites or plant protection product to be applied, it is necessary to increase the penetrating or absorbing power of said plant protection product.

## AZUFREX FLOW 800



### FEATURES

Fungicide - acaricide, composed of 80% sulfur presented in the form of a concentrated suspension, and developed for its use in foliar spraying, in the control of powdery mildew, red spider and erophytes (erinosis). SULFREX FLOW 800 is recommended to compensate and balance sulfur deficiencies in crops.

### GUARANTEED ANALYSIS

(% M/V)

|                             |        |
|-----------------------------|--------|
| Sulfur (S) soluble in water | 80,00% |
|-----------------------------|--------|

## AZUFREX-N



### FEATURES

AZUFREX-N prevents and corrects sulfur deficiencies in all crops through foliar or soil application.

AZUFREX-N guarantees high yields and improves the quality of productions (dry matter, sizes, coloring,...). The contribution of the nutrients Nitrogen and Sulfur in highly concentrated and 100% soluble liquid forms and the high purity makes them 100% effective.

AZUFREX-N is a ready-to-use and versatile liquid product with a very delicate action on the leaves or fruits: ease of use, work safety and consumer safety.

### Features of AZUFREX-N

- Lignosulfonates: Organic compounds extracted from wood (lignin).
- Natural "chelating" properties = ability to form stable and soluble complexes with lycos methiones (Fe-Cu-Mn-Zn)
- Natural adjuvant properties: -  
Wetness (expansion) -  
Adhesion (resistance to washing) -  
Humidifying (prevents crystallization)
- Absorption rate close to 80-90%

### GUARANTEED ANALYSIS

(% M/M)

|                                |        |
|--------------------------------|--------|
| Total nitrogen (N)             | 9,00%  |
| Urea nitrogen (N)              | 9,00%  |
| Sulfur (S) soluble in water    | 75,00% |
| * Complex with Lignosulfonates |        |

## AZUFREX-S



### FEATURES

STICK 65 is a natural product derived from pine resin. Chemically it is very similar to the waxy cuticle of leaves, so STICK 65 is immediately attached to the cuticle even when it is wet (rain, dew, irrigation).

This increases the initial deposit of the pesticide on the leaf, thanks to which it acts as a natural depositor.

STICK 65 is an ADHESIVE EXTENSION, designed to control the duration of pesticides.

STICK 65 forms a sticky and elastic film that encapsulates and tenaciously retains the pesticide on the canopy of the crop.

This protective film drastically reduces the effects of environmental degradation factors, which reduce the effectiveness of pesticide sprays.

### GUARANTEED ANALYSIS

(% M/M)

|                               |        |
|-------------------------------|--------|
| Total nitrogen (N)            | 5,00%  |
| Ammonia nitrogen (N)          | 5,00%  |
| Sulfur (SO3) soluble in water | 32,50% |

## AZUFREX 870



### FEATURES

AZUFREX 870 is a liquid solution with reduced sulfur content that is rapidly incorporated into the protein structure of the plant protecting it from external attacks.

AZUFREX 870 is a nitrogen compound with a high reduced sulfur content indicated to promote the vegetative growth of the plant and strengthen it against adverse conditions such as stress, fungal attacks, etc. It therefore has a double function: nutritional and fungistatic. AZUFREX 870 is an excellent source of ammonia nitrogen, easily absorbed by the plant and which contributes to the formation of amino acids, nucleic acids, chlorophyll and growth hormones.

AZUFREX 870 facilitates the synthesis of amino acids, especially those containing thiol-like functional groups, such as methionine and cysteine, as well as facilitating the biosynthesis of glutamic acid.

AZUFREX 870 improves the absorption of manganese present in the soil. AZUFREX 870 is a natural product, easy and quick to assimilate and with a double action: it nourishes and strengthens. AZUFREX 870 is a fertilizer for foliar or root use based on ammonia nitrogen in the presence of a high concentration of sulfur specially designed for all types of crops.

This combination of elements and its formulation make AZUFREX 870a fertilizer particularly suitable to complement traditional subscribers. The presence of S (II) and N (III) inside the plant promotes the biosynthesis of L-cysteine, continuing the protein synthesis pathway.

### GUARANTEED ANALYSIS

(% M/V)

|                    |        |
|--------------------|--------|
| propionic acid     | 15,00% |
| Non ionic agent    | 87,50% |
| Soya phospholipids | 43,52% |



## NITROFOSKA



### FEATURES

NITROFOSKA being formulated in liquid, it allows a more comfortable and effective application of the crystalline equivalents. Not having to carry out the stock solutions in advance, the dosage is more precise. Logically, the solubility is total, thus avoiding clogging and precipitation that can occur with crystalline solids.

| GUARANTEED ANALYSIS  | (% M/V) |
|----------------------|---------|
| Total nitrogen (N)   | 12,00%  |
| Ammonia nitrogen (N) | 6,00%   |
| Nitrogen (N) Nitric  | 6,00%   |
| Nitrogen (N) Nitric  | 60,30%  |

## AZUFREX-TRIÓXIDO MGO



### FEATURES

AZUFREX-TRIOXIDE MgO is a solution of Magnesium and micronutrients with active ingredients of natural origin. AZUFREX-TRIOXIDE MgO is an innovative natural activator:

- Helps to activate various physiological reactions blocked by the effect of low temperatures, poor soils, phytosanitary applications
  - Improves those metabolic pathways already activated
  - Protects the crop by preventing it from negative consequences deriving from environmental conditions.
- AZUFREX-TRIOXIDE MgO has a high efficacy and easy foliar and root mobility and absorption by the plant.

| GUARANTEED ANALYSIS                    | (% M/M) |
|----------------------------------------|---------|
| Magnesium oxide (MgO) soluble in water | 6,25%   |
| Sulfur trioxide (SO3) soluble in water | 12,50%  |
| Boron (B) soluble in water             | 1,12%   |
| Molybdenum (Mo) soluble in water       | 0,25%   |

## ADAPT WATER



### FEATURES

ADAPT WATER is a pH regulator and hard water softener for agricultural use, its buffering effect makes it makes the water maintains the pH and hardness in the correct ranges to provide better chemical conditions in the mixtures of different agrochemicals and fertilizers for a long time periods of time, enhancing the final effect.

ADAPT WATER reduces the possibility of modification of the active ingredients through chemical reactions with some components of the water.

ADAPT WATER allows the active ingredient to express its full control potential.

ADAPT WATER acts as a regulator and, unlike acidifiers, due to its buffering effect, does not modify.

Bring the mixtures to phytotoxic pH, even in the presence of overdose. ADAPT WATER reduces the likelihood of mixing cuts.

| GUARANTEED ANALYSIS    | (% M/M) |
|------------------------|---------|
| PH regulatory citrates | 44,45%  |
| Chelating edetates     | 55,55%  |

### APPLICATION

Its use is recommended to correct the pH of waters that are not entirely suitable in terms of optimal pH ranges for the assimilation of nutrients.

## WHATER CITRUS FLOW



### FEATURES

- Efficient unblocking and unblocking for drippers and irrigation systems by destroying deposits of organic material , algae, etc.
- Effective improvement and acidification of irrigation water by quickly and effectively reducing pH and destroying bicarbonates.
- Improvement of arable land as it reduces problems related to salinity and compaction of smooth soils .
- Fertilizer: efficient source of urea nitrogen and sulfur.
- Greater acidifying power, neutralization of bicarbonates and proven sodium decrease

| GUARANTEED ANALYSIS                         | (% M/V) |
|---------------------------------------------|---------|
| Urea Nitrogen (N)                           | 22,50%  |
| Sulfur trioxide (SO3) soluble in water      | 60,00%  |
| Concentrated amide dihydrogen sulfate (DSA) |         |

## REKCAL



### FEATURES

Fertilizer for the recovery of tired soils with secondary effects on fungi, nematodes, insects and weeds. The product is obtained exclusively based on Calcium Carbonate (Lime), Carbon and Nitrogen from the atmosphere. REKCAL, in addition to being a slow release nitrogen fertilizer, has side effects against fungi, nematodes, insects and weeds.

It also acts against Limaco (Snails and Slugs) and has a repellent effect on Rodents (Rats, Mice, Vole ...). Its use is particularly suitable on tired soils.

In addition, REKCAL provides Calcium to the soil, which improves the soil structure, aeration and activity of the microorganisms.

| GUARANTEED ANALYSIS                  | (% M/M) |
|--------------------------------------|---------|
| Total nitrogen (N)                   | 19,80%  |
| Nitrogen (N) Nitric                  | 2,00%   |
| Cyanamide nitrogen                   | 15,00%  |
| Calcium oxide (CaO) soluble in water | 50,00%  |

| GUARANTEED ANALYSIS                          | (% M/V) |
|----------------------------------------------|---------|
| Free amino acids (methionine)                | 3,00%   |
| Mono-Di-trisacáridos                         | 25,00%  |
| Phosphorus pentoxide (P2O5) soluble in water | 10,00%  |
| Potassium oxide (K2O) soluble in water       | 14,00%  |
| Organic carbon (C)                           | 10,00%  |

## GRAN COLOR



### FEATURES

GRAN COLOR is a proline-based amino acid solution, very rich in potassium with organic acids, specially formulated for application in the ripening phase of fruit trees and table grapes.

Its application favors the sugar content, coloring and production. FERTI GROW has developed GRAN COLOR, a nutritional product to improve color hold, the benefits of which are:

- Maximizes the color of red varieties.
- Uniform ripening.
- Increase the sugar content.
- Avoiding the side effects of synthetic hormones does not reduce the quality or condition of the berries and rachis.
- No residues, being able to make applications between the collection steps.

| GUARANTEED ANALYSIS                    | (% M/V) |
|----------------------------------------|---------|
| Potassium oxide (K2O) soluble in water | 20,00%  |
| Organic acids                          | 30,00%  |
| Proline                                | 5,00%   |

### APPLICATION

Its use is recommended in the ripening stages and before the ripening of the fruits.

## COLOR FORTE



### FEATURES

COLOR FORTE is a specific product to activate the biochemical functions that improve the color of the fruit and increase the concentration of sugars.

COLOR FORTE is rich in Mono-di-trisaccharides, Carbon and Methionine (amino acid precursor of the biosynthesis of Ethylene), which together with Phosphorus and Potassium (closely linked to organic molecules) facilitate the most necessary functions in the phases close to maturation.

COLOR FORTE meets nutritional needs by ensuring greater commercial production and reducing the amount of immature fruit at harvest time.

### Advantages of COLOR FORTE

- Increased uniformity of color and brightness of fruits
- Increase in weight, size and consistency
- Increase in sugar content
- Greater resistance to handling and transport

## POWER COLOR



### FEATURES

Calcium is a relatively immobile element in plants and this causes some known ailments.

POWER COLOR is specifically designed to deliver calcium to plants more efficiently than other calcium-containing fertilizers.

The organic sugar alcohols complement the calcium ion it gives you allows the plant to move through the flower, where the sugars move more easily to the locations that form growth. Once the calcium along with the sugars reaches the tissue that forms the fruit, the sugar bond breaks down and the calcium flows where it is needed.

### POWER COLOR advantages:

- Improves cell structure
- Improves overall quality, weight and texture.
- Eliminates hidden calcium deficiencies and signs of calcium deficiency.
- Contains 100% soluble nutrients available from the plant using the SUGAR delivery system .
- Contains penetrating agents to help the leaves in their translocation to improve root and leaf absorption.
- It does not contain chlorides which can cause serious damage to the leaves.
- Quickly absorbed.
- It does not contain nitrates.

| GUARANTEED ANALYSIS           | (% M/V) |
|-------------------------------|---------|
| Organic sugar spirits         | 35,00%  |
| Calcium (Ca) soluble in water | 2,10%   |
| mannitol                      | 6,00%   |

## OLEAT-K



### FEATURES

OLEAT-K is a product that has the ideal characteristics for: Cleanse and disinfect molasses and insect-parasites, dissolves molasses, waxes and protective fats, increases the sensitivity of insects

, phytosanitary treatments, avoids the damaging action of molasses, has a strengthening effect on insecticide treatments and increases the wetting power of the spray.

| GUARANTEED ANALYSIS | (% M/M) |
|---------------------|---------|
| Potassium oleate    | 35,00%  |

### APPLICATION

Its use is recommended as a wetting and preventive agent against fungal diseases.



## FLORA 50 S



### FEATURES

FLORA 50 S is a preparation based on Phosphorus stabilized with Amino Acids, Boron and Calcium to stimulate the vegetation and regulate the fruit set, in vegetables and stone fruit.  
 FLORA 50 S with 50% easily assimilable phosphorus. FLORA 50 S is particularly suitable in the phases of pre-prayer, prayer and fruit setting. Improve plant health and strengthen the root system.  
 Advantages of FLORA 50 S

- Totally soluble in water.
- Made up of 100% macronutrients for plants.
- Free of chlorides, sodium and other elements harmful to plants.
- Safe for plants and humans: it has a moderately low pH and a low salinity index.
- Suitable for fertigation, foliar application and the production of fertilizer mixtures and nutrient solutions.

It can be used as a source of phosphorus in citrus, fruit, horticulture, ornamental, grapevine, nurseries, etc., especially when symptoms of deficiency occur following an excess of active lime in the soil. Particularly indicated in the phases of pre-prayer, flowering and fruit set. It improves the general conditions of the plants against adverse and stressful situations, and strengthens the root system.

### GUARANTEED ANALYSIS

(% M/V)

|                                              |        |
|----------------------------------------------|--------|
| Phosphorus pentoxide (P2O5) soluble in water | 50,00% |
| Free amino acids                             | 2,00%  |
| Organic Nitrogen (N)                         | 0,60%  |
| Boron (B) soluble in water                   | 1,00%  |
| Calcium oxide (CaO) soluble in water         | 0,005% |
| * With special adjuvants                     |        |

## NOSTRESS



### FEATURES

NOSTRESS is an organic fertilizer based on a mixture of macro and micronutrients, enriched with folcystein, to be applied in the vegetative restart and under stressful conditions of the plant. Guarantees NOSTRESS maximum absorption of the product applied to the hair.

NOSTRESS provides macro and micro elements necessary to correct nutritional deficiencies, while folcysteine, an amino acid derivative, is used as a biostimulant to generate biochemical reserves to resist critical periods caused by abiotic stress; promotes the vegetative growth of plants, moreover This compound is responsible for the slow release of thiol groups (-SH) inside the cell, these are highly reactive through enzymatic processes. Thiol groups are important for the synthesis of DNA and RNA proteins which regulates cell formation and division as well as respiration. Macro and micronutrients are an important supplement to nutrition;

### GUARANTEED ANALYSIS

(% M/V)

|                                              |         |
|----------------------------------------------|---------|
| Fulvic acids                                 | 5,00%   |
| Folcistein                                   | 4,50%   |
| L-amino acids                                | 9,00%   |
| Folic acid                                   | 0,10%   |
| Ammonia nitrogen (N)                         | 5,60%   |
| Phosphorus pentoxide (P2O5) soluble in water | 19,50%  |
| Potassium oxide (K2O) soluble in water       | 5,00%   |
| Iron (Fe) soluble in water                   | 0,05%   |
| Magnesium (MgO) soluble in water             | 0,01%   |
| Boron (B) soluble in water                   | 0,008%  |
| Zinc (Zn) soluble in water                   | 0,05%   |
| Magnesium (MgO) soluble in water             | 0,01%   |
| Copper (Cu) soluble in water                 | 0,005%  |
| Molybdenum (Mo) soluble in water             | 0,0002% |

### APPLICATION

Its use is recommended in situations where the crop is under stress conditions that can decrease or decrease the physiological activities of the crop.

## CUPROXI 38



### FEATURES

CUPROXI 38 has a new concentrated formulation with improved characteristics; Formulation with innovative technology. Thanks to its concentrated formulation, it provides ease of dosage and method of use. CUPROXI 38 is added directly to the tank, thus eliminating the formation of previous powders and baby food.

#### PERFECT SUSPENSION AND SPRAYING

CUPROXI 38 has excellent adhesion and great toughness. Ferti Grow technology guarantees adherence and high resistance to washing. When CUPROXI 38 is used, a thin film is formed on the plants, with high persistence to the washing of rains.

HIGH PERSISTENCE CUPROXI 38 contains high quality copper in its formulation, being more stable and neutralized. Thus providing a progressive and regular assimilation of Active Copper. PERMANENT EFFECTIVENESS OVER TIME More complete and treated protection as it has very fine and homogeneous particles between 0.5 and 3 microns. For CUPROXI 38 it therefore has a triple covering power of all the treated vegetation.

#### Advantages of CUPROXI 38

- Liquid colloidal formulation (FLOW)
- High concentration of copper
- High persistence of action
- Greater fungicide protection
- Adequate and easy spraying
- Excellent adhesion and great resistance to washing

### GUARANTEED ANALYSIS

(% M/V)

|                                      |        |
|--------------------------------------|--------|
| Copper oxychloride (expressed in Cu) | 38,00% |
|--------------------------------------|--------|

### APPLICATION

Its use is recommended in periods susceptible to the appearance of fungal diseases, when the climatic conditions favor the appearance of this type of disease.

## CUPROXI 52



### FEATURES

CUPROXI 52 has a new concentrated formulation with improved characteristics; Formulation with innovative technology. Thanks to its concentrated formulation, it provides ease of dosage and method of use. CUPROXI 52 is added directly to the tank, thus eliminating the formation of previous powders and porridges.

#### PERFECT SUSPENSION AND SPRAYING:

CUPROXI 52 has excellent adhesion and great resistance to washing. When using CUPROXI 52, it forms a thin film on plants, with high persistence when washed by rains.

#### HIGH PERSISTENCE:

CUPROXI 52 contains high quality copper in its formulation, being more stable and neutralized. Thus providing a progressive and regular assimilation of Active Copper.

#### PERMANENT EFFECTIVENESS OVER TIME:

More complete and treated protection as it has very fine and homogeneous particles between 0.5 and 3 microns. For CUPROXI 52 it therefore has a triple covering power of all the treated vegetation

#### CUPROXI benefits 52

- Liquid colloidal formulation (FLOW)
- High concentration of copper
- High persistence of action
- Greater fungicide protection
- Adequate and easy spraying
- Excellent adhesion and great resistance to washing

### GUARANTEED ANALYSIS

(% M/V)

|                                      |        |
|--------------------------------------|--------|
| Copper oxychloride (expressed in Cu) | 52,00% |
|--------------------------------------|--------|

### APPLICATION

Its use is recommended in periods susceptible to the appearance of fungal diseases, when the climatic conditions favor the appearance of this type of disease.

## CUPROSUL CU - 200



### FEATURES

CUPROSUL Cu - 200 is a contact fungicide and bactericide, with a preventive and broad spectrum action, which FERTI GROW presents in the FLOW formulation. It is composed of 20% copper sulphate, reaching a neutral pH, which minimizes risks and toxicity.

#### CUPROSUL CHARACTERISTICS Cu - 200

- Great adherence to the crop.
- First on the market with FLOW formulation.
- neutral pH.
- Without chloride

### GUARANTEED ANALYSIS

(% M/V)

|                                        |        |
|----------------------------------------|--------|
| Copper sulfate                         | 75,00% |
| Copper (Cu) soluble in water           | 20,00% |
| Sulfur trioxide (SO3) soluble in water | 26,00% |

## AGRO COPPER RED



### FEATURES

AGRO COPPER RED is characterized by its high concentration (80% metallic copper). The colloidal formulation contains ORANG technology and reduced particle size; 90% less than one micron. With the AGRO RED COPPER application it achieves a powerful impact effect, high suspensibility, greater coverage, greater persistence... It is a highly effective fungicide against blades, lead repellent, soapy olive, coat of arms and tuberculosis.

### GUARANTEED ANALYSIS

(% M/V)

|                              |                                       |
|------------------------------|---------------------------------------|
| Copper (Cu) soluble in water | 80.00% (in the form of cuprous oxide) |
|------------------------------|---------------------------------------|

### APPLICATION

The special formulation of RED AGRO COPPER allows it to be dosed without the need to make a previous meal. Just add the necessary amount of AGRO COPPER RED to the water to be used and shake later.

## GLUMAX CU



### FEATURES

Agrochimica technology guarantees adherence and high resistance to washing. It is effective in the preventive control of many diseases caused by endopathogenic fungi and some bacteria.

The GLUMAX Cu formulation is not a traditional soluble liquid, the GLUMAX Cu formulation improves all operating parameters of the other liquid formulations. GLUMAX Cu is a safer form of copper for cultivation, which has greater persistence and has no sensitivity to the pH of the water.

Classic fungicide-bactericide, containing a copper concentration of 20%.

Copper has:

- Preventive action of fungal and bacterial diseases.
- Wide field of activity
- As a fungicide it is one of the classic resources in agriculture, it is one of the few products (together with sulfur) of mineral origin authorized in organic farming. GLUMAX Cu copper particles are very fine (170 µm) and homogeneous. This provides: • Good adhesion • High wash resistance



GLUMAX Cu is a technology of AGRO CHIMICA , which improves the formulation of traditional granules and powders, providing:

- Excellent dissolution, suspension and stability to the product when mixed with water.
- Safe handling and application
- Greater fixation to the surface of the plant
- Not as sensitive to atmospheric conditions as other branches.

| GUARANTEED ANALYSIS          | (% M/V) |
|------------------------------|---------|
| Copper (Cu) soluble in water | 20,00%  |

DEFEND SUN is designed to protect fruit from damage caused by sunburn or sunburn. Above Comparable environmental conditions, susceptibility to damage may vary with different apple varieties and species. It is a liquid formulation that is easy to mix and apply, leaves no visible residue on the fruit and does not require a washing or cleaning process in the packaging.

| GUARANTEED ANALYSIS  | (% M/V) |
|----------------------|---------|
| Natural carnauba wax | 100,00% |

## APPLICATION

Its use is recommended in periods prior to high solar radiation, apply 48 hours before the event occurs.

## ICE PROTECT



### FEATURES

ICE PROTECT is a product based on natural waxes of Carnauba (plant native to Brazil) and other ingredients that act as a protector of the fruit against frost and very low temperatures.

ICE PROTECT is a liquid formulation whose function is to protect plants from low temperatures. Its action on the plants is the formation of a film that prevents the fruit from freezing. As a result, it prevents fruit from freezing.

ICE PROTECT allows the plant to breathe and also allows fruit set.

| GUARANTEED ANALYSIS  | (% M/M) |
|----------------------|---------|
| Natural carnauba wax | 100,00% |

## APPLICATION

ICE PROTECT is applied on any crop and the product degrades as an organic substance without affecting the plants. you need a good coating on the plant mass to be protected. ICE PROTECT is always applied by foliar application.

## DEFEND SUN



### FEATURES

DEFEND SUN produces a sunscreen effect; protecting the fruits from burns and disturbances induced by heat and / or direct sunlight, such as the degradation of the mastic, thus improving the quality of the crops.

DEFEND SUN is a product based on natural waxes from Carnauba (plant native to Brazil) and other ingredients that act as a sun filter, reducing both the intensity of solar radiation and the temperature that reaches the fruit, which results in a decrease in symptoms of sun damage on the fruit (tan, burning, redness, lenticel marking, etc.).

DEFEND SUN is recognized and used around the world for its excellent performance to protect various fruits in the field against sun damage without leaving visible residue.

## SUN DEFEND FLOW



### FEATURES

SUN DEFEND FLOW is a fluid dispersion of micronized silicon calcium carbonate. It is designed for field application and is recommended for use as a protection against sunburn and heat stress.

SUN DEFEND FLOW can be applied to all crops that are not sensitive to calcium.

SUN DEFEND FLOW forms a film of mineral-based particles, intended for the protection of agricultural crops, against exposure to the sun.

### Advantages of SUN DEFEND FLOW

- Increase production
- Acts as a vegetative enhancer of the plant
- Improves the post-harvest quality of the treated fruits, extending their commercial life.
- Protects from water stress
- Improves fruit coloring
- Reduces sunburn
- Extends post-harvest life
- Acts as a barrier against fungi such as powdery mildew and powdery mildew
- Barrier effect against parasites and chewing agents
- Quick drying
- Resists washing with regular rains
- Easy removal after harvest
- Suitable for organic farming

| GUARANTEED ANALYSIS | (% M/V) |
|---------------------|---------|
| Calcium carbonate   | 60,00%  |
| Calcium Oxide (CaO) | 34,00%  |
| Calcium silicate    | 10,00%  |

## APPLICATION

For the best coverage on the plant surface, apply SUN DEFEND FLOW when the ambient temperature is lowest (first thing in the morning or at sunset).

## DEFEND WP



### FEATURES

DEFEND WP is a sunscreen for fruit trees and vegetables based on Zinc Oxide in Carbo-born Calcium, which reduces damage from heat stress and sunburn. It is made with special pigments of superior reflectivity, characteristics that avoid negative effects on the plant without interfering in the gas and water exchange at the stomatal level.

DEFEND WP reduces leaf temperature, allowing the stomatal opening to extend for a longer time, increasing photosynthesis and favoring the formation of precursors of compounds involved in the coloring of the fruit. The reflective action of its particles better illuminates the interior of the trees or any other plant, improving the color of the fruit in those shady places. DEFEND WPit is designed to be applied by any standard phytosanitary treatment equipment and also by air.

DEFEND WP contains Zinc which is absorbable by the plant, thus improving its resistance to stress and nutritional conditions.

### GUARANTEED ANALYSIS

(% M/M)

|                   |        |
|-------------------|--------|
| Calcium carbonate | 97,00% |
| Zinc Oxide (ZnO)  | 3,00%  |

### APPLICATION

Its use is recommended in the periods preceding high solar radiation and extremely high temperatures.

## PROTECT CUT



### FEATURES

PROTECT CUT is a ready-to-use natural protective paste that helps naturally heal pruning wounds on all fruit trees and ornamental plants / shrubs.

PROTECT CUT is recommended wherever the scar needs to be hidden. Once applied, the paste dries, forming an artificial crust that prevents the entry of moisture and decomposition agents such as fungi and harmful agents that favor the swelling of the bark, especially when cutting occurs during the vegetative stop. PROTECT CUT does not drip and after drying forms a uniform, durable and discreet layer of high elasticity and resistance.

### GUARANTEED ANALYSIS

(% M/M)

|                              |        |
|------------------------------|--------|
| Composed of natural latex    | 20,00% |
| Clay minerals                | 65,00% |
| Copper oxychloride           | 5,00%  |
| Other formulation substances | 10,00% |

### APPLICATION

#### SHAKE BEFORE USE

- 1.- Clean the wound and smooth the edges by cutting them with a sharp blade.
- 2.- Cut the wounds to the healthy wood and brush to remove the remains of dust or
- 3.- Apply PROTECT CUT with a brush on perfectly finished wounds, 1-2 cm beyond the edge of the wound. If necessary, apply a second coat when the first is dry.

## DIRECT 500



### FEATURES

DIRECT 500 is a biostimulant for foliar or root application with great penetrating power and rapid effect. The synergy of AATC (5% w / v), and special adjuvants, such as folic acid (0.1% w / v), enhance its effects on the plant.

DIRECT 500 benefits

- Greater quantity and quality of the crop
- More vigorous vegetative development
- Defense against stress states (frost, drought, salinity, temperature changes, parasites or diseases, etc.)
- Protection from water stress
- Development and vegetative growth
- Better response to stress
- Increase in the quality of the fruit (weight, color and sugar content).
- Flowering progress

### GUARANTEED ANALYSIS

(% M/V)

|            |       |
|------------|-------|
| AATC       | 5,00% |
| Folic acid | 0,10% |

### APPLICATION

Its use is recommended before flowering and when the crop is about to be subjected to stressful situations.

## DIRECT FRUIT



### FEATURES

DIRECT FRUIT is a biostimulant for foliar or root application with great penetrating power and rapid effect. The synergy of nitrogen (6.6% w / v), free amino acids (Glycine 9.0% w / v) and special adjuvants, such as folic acid (0.045% w / v) and AATC (0.0% w / v), enhance its effects on the plant.

Benefits DIRECT FRUIT

- Greater quantity and quality of the crop
- More vigorous vegetative development
- Defense against stress states (frost, drought, salinity, temperature changes, parasites or diseases, etc.)
- Protection from water stress
- Development and vegetative growth
- Better response to stress
- Increase in the quality of the fruit (weight, color and sugar content).
- Flowering progress

### GUARANTEED ANALYSIS

(% M/V)

|                            |        |
|----------------------------|--------|
| Total nitrogen (N)         | 6,60%  |
| Glycine (free amino acids) | 9,00%  |
| AATC                       | 5,00%  |
| folic acid                 | 0,045% |



## DIRECT FOREST



### FEATURES

DIRECT FOREST is a biostimulant for foliar or root application with great penetrating power and rapid effect. The synergy of Nitrogen (5% w / v), Fulvic Acids and special adjuvants, such as folic acid (1.50% w / v), enhance their effects on the plant. Benefits DIRECT FOREST

- Greater quantity and quality of the crop
- More vigorous vegetative development
- Defense against stress states (frost, drought, salinity, temperature changes, parasites or diseases, etc.)
- Protection from water stress
- Development and vegetative growth
- Better response to stress
- Increase in the quality of the fruit (weight, color and sugar content).
- Flowering progress

| GUARANTEED ANALYSIS  | (% M/V) |
|----------------------|---------|
| Organic nitrogen (N) | 5,00%   |
| Fulvic acids         | 35,00%  |

## DIRECT NG



### FEATURES

DIRECT NG is a natural organic biostimulant of agricultural production which is activated without altering the metabolic factor processes of cultivated plants. Benefits DIRECT NG

- Greater quantity and quality of the crop
- More vigorous vegetative development
- Defense against stress states (frost, drought, salinity, temperature changes, parasites or diseases, etc.)
- Protection from water stress
- Development and vegetative growth
- Better response to stress
- Increase in the quality of the fruit (weight, color and sugar content).
- Flowering progress

| GUARANTEED ANALYSIS   | (% M/V) |
|-----------------------|---------|
| Organic nitrogen (N)  | 1,15%   |
| Total nitrogen (N)    | 1,15%   |
| AATC                  | 2,75%   |
| Glycine (amino acids) | 6,70%   |

## AGRO FOSFATO 297



### FEATURES

AGRO PHOSPHATE 297 is a molluscicide for the control of limacos (snails and snails) in agricultural crops and plantations, such as horticultural and ornamental crops, hops, cereals, rapeseed, vegetables and fruit trees (vines, strawberries, citrus fruits, etc.), in field or greenhouse.

| GUARANTEED ANALYSIS    | (% M/V) |
|------------------------|---------|
| ferric phosphate Ferri | 2,97%   |

## DEFEND COBRE PLUS



### FEATURES

DEFEND COBRE PLUS is a complex copper-based formula that is easily absorbed and quickly translocated to all plant organs. It also contains chitosan (poly-D-glucosamine) in solution, which is a natural polymer that is extracted from the shells of crustaceans.

DEFEND COPPER PLUS prevents copper deficiencies and activates the resistance mechanisms of the plant (production of phytoalexins, chitinase, glucanase, etc.).

Applied in a timely manner, it gives plants greater vitality. The presence of complexed copper has a synergistic effect with chitosan which enhances the firmness of the crops.

| GUARANTEED ANALYSIS   | (% M/M) |
|-----------------------|---------|
| Chitosan oligomers    | 2,50%   |
| Copper (Cu) complexed | 5,00%   |

## FLORACION SOURCE



### FEATURES

FLORACION SOURCE is a special formulation based on high concentration Molybdenum and Boron, enriched with assimilable phosphorus, with a synergistic and stimulating effect on the flowering and fruit setting, which allows to favor the fattening phase of the fruits. At the same time, the applications of FLOWERING SOURCE correct deficiencies, deficiencies or imbalances of the elements contained in it, avoiding the pathophysiology and the loss of crop yield.

### BENEFITS OF THE SOURCE OF FLORACION

- Specially formulated based on high concentration Molybdenum and Boron.
- Enriched with assimilable phosphorus.
- Synergistic and stimulating effect on flowering and fruit set.
- It favors the fattening phase of the fruits.
- Promotes the production and fertility of pollen, improving the fertilization of flowers and fruits.
- FLOWERING SOURCE is a product designed to stimulate flowering, fruit set and fattening.
- Presents a balanced association of Molybdenum and Boron.

- FLOWERING SOURCE corrects deficiencies, deficiencies or imbalances of the elements it contains, avoiding crop failures and losses.
- FLOWERING SOURCE is a formulation particularly suitable for foliar applications, for use in multiple flowering crops whose fruit set and fattening phase overlap over time

| ANÁLISIS GARANTIZADO                         | (% M/M) |
|----------------------------------------------|---------|
| Molybdenum (Mo) soluble in water             | 12,00%  |
| Boron (B) soluble in water                   | 8,50%   |
| Phosphorus pentoxide (P2O5) soluble in water | 10,00%  |
| * With special adjuvants                     |         |

## FRUINATUR



### FEATURES

FRUINATUR is an important regulator as an inducer of fruit set in those vegetables grown in adverse climatic conditions, in late autumn, winter and early spring, i.e. vegetables that develop their vegetative cycle out of season, or in greenhouses with high humidity or subject to other adverse weather conditions.

Its effectiveness as a vegetation stimulant is manifested in those applications carried out when the plant needs it most, such as the first stages of fruiting, as well as to increase its resistance against adverse weather conditions, such as frost.

To induce the curdling of flowers into: Tomato, Pepper, Eggplant, Cucumber, Zucchini, Melon, Watermelon, Peas, Green Beans, Green Beans and Strawberries. Apply from the beginning of flowering and periodically every 10 or 12 days while lasting the same. To stimulate the vegetative activity, treat immediately after unfavorable periods for cultivation (frost, hail, etc.).

| GUARANTEED ANALYSIS | (% M/V) |
|---------------------|---------|
| ANA                 | 0,44%   |
| ANA-Amida           | 1,20%   |

### APPLICATION

As a vegetation stimulant, apply FRUINATUR from the 2 or 3 leaves of the crop if it is a direct sowing. On peeled plants, start treatments 8-10 days after transplanting.

## AGRO AIB 400



### FEATURES

AGRO AIB 400 is a liquid plant growth regulator based on indole butyric acid (IBA) designed to favor the emission and development of roots in cuttings or cuttings. It favors the natural rooting of plants at the time of transplantation. Suitable for herbaceous and woody cuttings.

AGRO AIB 400 acts directly on the root system, stimulating the appearance of roots both in woody cuttings as in herbaceous cuttings, accelerating root development, obtaining a high percentage of rooted cuttings and rapid development of these.

| GUARANTEED ANALYSIS       | (% M/V) |
|---------------------------|---------|
| AIB (indole butyric acid) | 0,40%   |

### APPLICATION

Its use is recommended to induce root development in cuttings, herbaceous or woody plant transplants, in critical times where root development is of interest for better nutrient absorption.

## AGROGIB 160



### FEATURES

AGROGIB 160 is a 1.6% gibberellic acid-based product that promotes vegetative growth through cell division and / or elongation, in the meristematic regions, favoring the development and growth of the plant. Induces binding and fruit growth. Growth regulator, which causes cell development and multiplication, oral induction and fruit set, improves skin texture, stops seeds lethargy and prevents frost damage to crops.

The response of the crop depends on the variety, stage of plant development, dose used and environmental conditions

| GUARANTEED ANALYSIS | (% M/V) |
|---------------------|---------|
| gibberellic acid    | 1,60%   |

### APPLICATION

It is necessary to completely spray the plant. Make sure that the wind does not drag the sprayed liquid onto other crops.

Apply the product immediately after mixing it with water, to avoid decomposition. Don't use it massively anyway without having an idea of the effects it will produce. If in doubt about the effects it could cause on the crop in which it will be used, carry out a test before its application in that crop or write to us at [info@agrochimica.eu](mailto:info@agrochimica.eu)

## ROOT INCREASE MIX



### FEATURES

ROOT INCREASE MIX is a product formulated based on plant extracts, nitrogen and phosphorus. ROOT INCREASE MIX is able to increase the exploration capacity of the roots in the soil, a situation that translates into both a greater absorption of water and nutrients and a greater production of substances promoting the increase.

Root augmentation or recovery.

The root is not a permanent structure in its entirety as are the stems and branches of the aerial part. All the time there is a condition of root formation and loss, which varies depending on the state, the conditions of the plant and the soil. The attack of pathogens or insects as well as negative physical or chemical situations of the soil will act to the detriment of the quantity of root mass, therefore on the integral functionality of the root in the plant system, presenting a lower absorption of water and nutrients, less anchoring, less exudation of compounds, lower hormonal intake, decrease in yield and quality of crops as well as a reduction in plant life. In the case of some fruit trees, this is critical because the amount of important reserves is reduced from one cycle to the next. A fundamental step in the treatment of the problem is being able to determine the causative agent of the damage, a pest, a disease or an agronomic management such as discharges, etc.



In order to develop a complete management program in which the use of ROOT INCREA-SE MIX must be included to improve the ability to form new roots and promote the growth of the entire root system.

FERTI GROW has developed and offers diagnostic systems for the root system, as well as programs for ROOT INCREASE MIX Treatment to be integrated into soil management.

| GUARANTEED ANALYSIS                          | (% M/M) |
|----------------------------------------------|---------|
| Vegetable extract                            | 78,36%  |
| Total Nitrogen (N)                           | 2,10%   |
| Organic nitrogen (N)                         | 1,85%   |
| Ammonia nitrogen (N)                         | 0,25%   |
| Phosphorus pentoxide (P2O5) soluble in water | 1,50%   |

## APPLICATION

Its use is recommended to induce root development, increase it or recover it in cuttings, herbaceous or woody plant transplants, in critical times where root development is of interest for better nutrient absorption.

## ROOT PLATINUM



### FEATURES

POLYSACCHARIDES + AMINO ACIDS + OLIGOELEMENTS + VITAMIN COMPLEX + NATURAL PHYTORMONES ROOT PLATINUM contains, in addition to the aforementioned nutrients, biostimulating elements of root and aerial metabolism: free amino acids (L-glutamic acid, L-methionine, auxin and glycine), polysaccharides, vitamins (B1, B2, B12, C, D, E and K), acid and amino sugars.

All these biomolecules, in particular methionine, organic acids and polysaccharides have a direct effect on the root and its environment (rhizosphere):

- Stimulates its growth (methionine).
- Gives the root greater resistance to low temperatures (glutamic acid)
- Neutralizes the phytotoxic effects of heavy metals (2-hydroxy-1,2,3-propanetricarboxylic acid, iron and zinc).
- Works by hydrating and oxygenating root hairs (polysaccharides)
- Activates the growth of nitrogen-fixing bacteria Azotobacter and Clostridium
- Avoiding the appearance of deficiencies (B, Fe, Mn, Mo, Zn)

The micronutrients of ROOT PLATINUM are complexed by amino acids and act to pH level physiology and plant metabolism (synthesis of sugars, proteins, chlorophylls, etc.), especially by stimulating root growth.

| GUARANTEED ANALYSIS  | (% M/V) |
|----------------------|---------|
| Free amino acids     | 10,00%  |
| Tricarboxylic acids  | 10,00%  |
| L-glutamic acid      | 5,50%   |
| Glycine              | 2,50%   |
| L-Methionine         | 2,00%   |
| Auxine               | 0,46%   |
| Cytokinins           | 0,04%   |
| Total nitrogen (N)   | 7,40%   |
| Organic nitrogen (N) | 1,10%   |
| Ammonia nitrogen (N) | 1,60%   |
| Urea Nitrogen (N)    | 4,70%   |

|                                      |        |
|--------------------------------------|--------|
| Mono-Di-Tri Polysaccharides          | 10,00% |
| Boron (B) soluble in water           | 0,20%  |
| Iron (Fe) soluble in water           | 4,50%  |
| Manganese (Mn) soluble in water      | 1,00%  |
| Molybdenum (Mo) soluble in water     | 0,05%  |
| Zinc (Zn) soluble in water           | 0,10%  |
| Vitamin complex (B-B12-B2-CDE and K) | 0,15%  |

## APPLICATION

ROOT PLATINUM , stimulates root growth. With the application of ROOT PLATINUM we obtain a better root settlement and an increase in root mass.

## AGROWINE GOLD



### FEATURES

AGROWINE GOLD is a liquid fertilizer that combines a blend of NPK, chelated trace elements and natural growth promoters.

These natural growth promoters include fulvic acids, seaweed extracts, and vitamins. AGROWINE GOLD represents the state of the art, the specific fusion fertilization for crops.

### Advantages of AGROWINE GOLD

- Improves the condition of the fruit.
- Healthier fruit , with more balanced balances.
- Improved fruit quality and durability

| GUARANTEED ANALYSIS                          | (% M/V)   |
|----------------------------------------------|-----------|
| Total nitrogen (N)                           | 10,48%    |
| Urea Nitrogen (N)                            | 5,75%     |
| Ammonia nitrogen (N)                         | 4,20%     |
| Organic nitrogen (N)                         | 0,53%     |
| Phosphorus pentoxide (P2O5) soluble in water | 10,23%    |
| Potassium oxide (K2O) soluble in water       | 10,69%    |
| Potassium oxide (as phosphate)               | 10,20%    |
| Potassium oxide (organic)                    | 0,42%     |
| Potassium oxide (as hydroxide)               | 0,05%     |
| Potassium oxide (as silicate)                | 0,02%     |
| Sulfur (S) soluble in water                  | 0,22%     |
| Iron (Fe) soluble in water                   | 1459 mg/L |
| Zinc (Zn) soluble in water                   | 743 mg/L  |
| Mangenes (Mn) soluble in water               | 607 mg/L  |
| Calcium (CaO) soluble in water               | 558 mg/L  |
| Boron (B) soluble in water                   | 347 mg/L  |
| Selenium (Se) soluble in water               | 198 mg/L  |
| Copper (Cu) soluble in water                 | 197 mg/L  |
| Molybdenum (Mo) soluble in water             | 39 mg/L   |

## AGRO CLASIC PLUS



### FEATURES

AGRO CLASIC PLUS is a molecular blend based on amino acids, iron, manganese, copper, magnesium and zinc chelated with the salt of ethylenediaminetetraacetic acid (EDTA) and enriched with seaweed extract (Ascophyllum Nodosum). AGRO CLASIC PLUS provides the appropriate concentrations of trace elements. Starting in this way they do not interact with each other and can be absorbed by the plant. Furthermore, the chelation of nutrients favors their assimilation by the plant. AGRO CLASIC PLUS, being an abundant and balanced source of micronutrients, is effective in the prevention and treatment of states deficient in microelements.

Advantages of AGRO CLASIC PLUS:

- Suitable for the application in the moments of maximum vegetative activity (from germination to fruiting) and in critical moments for plants (frost, transplants, pruning, hail, phytotoxicity, etc.).
- The nitrogen is rapidly absorbed from the roots and plant leaves. It makes it possible to make the process of transforming the nitric and / or ammonia nitrogen in the soil into amino acids and proteins more efficient.
- This saves energy for the plant and ensures efficient growth in times of fatigue.
- It favors the rooting, fruit set and fattening of the crops, the differentiation of the buds, etc. rapid metabolism by the plant.

### GUARANTEED ANALYSIS

(% M/M)

|                                     |        |
|-------------------------------------|--------|
| Total nitrogen (N)                  | 10,00% |
| Aminoácidos                         | 10,00% |
| Ascophyllum nodosum seaweed extract | 2,00%  |
| Copper (Cu) soluble in water        | 0,50%  |
| Iron (Fe) soluble in water          | 4,00%  |
| Magnesium (MgO) soluble in water    | 2,00%  |
| Manganese (Mn) soluble in water     | 3,00%  |
| Sulfur (S) soluble in water         | 8,96%  |
| Zinc (Zn) soluble in water          | 4,00%  |

## AGROCOMBI NPK 200



### FEATURES

AGROCOMBI NPK 200 is a perfect complete fertilizer for plants. It is a soluble powdered NPK fertilizer to be used in foliar application or in fertigation in any crop. The product contains all the nutrients necessary for the plant to be used as the only fertilizer. In addition to NPK, it contains high quality essential amino acids, hormonal promoters from Ascophyllum Nodosum seaweed extract and gibberellic acid, a growth regulator with hormonal action that stimulates and regulates the development of plants.

AGROCOMBI NPK 200 in its formulation provides Magnesium and micronutrients in the quantities necessary for the plants, avoiding possible deficiencies that can be caused.

### GUARANTEED ANALYSIS

(% M/M)

|                                              |          |
|----------------------------------------------|----------|
| Total nitrogen (N)                           | 20,00%   |
| Phosphorus pentoxide (P2O5) soluble in water | 20,00%   |
| Potassium oxide (K2O) soluble in water       | 20,00%   |
| Free amino acids                             | 10,00%   |
| Ascophyllum Nodosum seaweed extract          | 5,00%    |
| Gibberellic acid (GA3)                       | 0,15%    |
| Magnesium (MgO) soluble in water             | 1,00%    |
| Sulfur (S) soluble in water                  | 1,50%    |
| Boron (B) soluble in water                   | 0,05%    |
| Copper (Cu) soluble in water                 | 0,00032% |
| Iron (Fe) soluble in water                   | 0,30%    |
| Zinc (Zn) soluble in water                   | 0,05%    |
| Molybdenum (Mo) soluble in water             | 0,003%   |

## AGRONITRO 210



### FEATURES

AGRONITRO 210 is a stabilized crystalline granular fertilizer, which provides 100% nitrogen in ammonia form, which offers quality efficiency for use in fertigation. AGRONITRO 210 contains in its formulation the DCD molecule, nitrification inhibitor, which ensures the stability of nitrogen in the soil of the ammonia form.

AGRONITRO 210 guarantees the availability of nitrogen in the form of ammonium (NH4 +) which allows energy savings, as well as an improvement in the absorption of microelements and phosphorus which contribute to increasing production. AGRONITRO 210 allows to improve the uniformity and size of the fruit.

BURGUNDY 210 helps reduce nitrate losses due to washing, thus avoiding nitrate contamination of groundwater. AGRONITRO 210 also contributes to the safety of your irrigation system, as it is total and rapid solubility, it is free from carbonates and has a high acidifying power, which prevents the formation of precipitates and obstructions in the irrigation nozzles.

Advantages of AGRONITRO 210:

- Improves the absorption of nitrogen by the crop.
- Reduction of nitrogen losses due to washing.
- Improves the nutrition of ammonia.
- Better absorption of phosphorus and microelements.
- Reduction of groundwater contamination by nitrates.

### GUARANTEED ANALYSIS

(% M/M)

|                                        |        |
|----------------------------------------|--------|
| Total nitrogen (N)                     | 21,00% |
| Ammonia nitrogen (N)                   | 21,00% |
| DCD (dicyandiamide)                    | 0,80%  |
| Sulfur trioxide (SO3) soluble in water | 60,00% |

### APPLICATION

AGRONITRO 210 is recommended for fertigation programs in fruit trees, vineyards, cereals, vegetables and all types of agricultural plantations in general.



## AGRONITRO 270



### FEATURES

AGRONITRO 270 is a granular nitrogen fertilizer with a high ammonium content to which the nitrification inhibitor molecule DCD (Dicyanamide). Thanks to DCD, it allows to minimize nitrogen losses due to washing (rain or heavy irrigation) and guarantees the stability and maximum use of this element by the plant by preventing the passage of ammonia nitrogen to nitric nitrogen. BURGUNDY 270 contains the nitrification inhibitor DCD. This component inhibits the activity of Nitrosomonas bacteria and the nitrification process for several weeks. It means that during the active phase of the DCD (from 6 to 10 weeks, depending on the T ° and the humidity of the soil) the transformation of NH<sub>4</sub> into NO<sub>3</sub> is delayed. Consequently, the availability of Nitrogen is adapted to the needs of the systems, the efficiency of this element is increased and the losses due to washing are reduced in the first weeks after application.

Advantages of AGRONITRO 270:

- AGRONITRO 270 asegura el máximo aprovechamiento of the nitrógeno in el suelo
- AGRONITRO 270 permite el ahorro in the unidades de fertilizantes de nitrógeno.
- AGRONITRO 270 disminuye el número de aplicaciones de fertilizantes.
- AGRONITRO 270 minimiza las pérdidas por lavado (lluvia or riegos pesados).
- AGRONITRO 270 respects the environment.
- AGRONITRO 270 mejora el desarrollo del cultivo al permitir la nutrición equilibrada.
- AGRONITRO 270 increases the yield and calidad de las cosechas.

Ventajas de AGRONITRO 270, for the abonado post-cosecha en frutales:

- AGRONITRO 270 allows to maintain the nitrogen in the radicular zone for a long period of time.
- AGRONITRO 270 por su lenta nitrificación permite a nitrógeno-amoniaco estable balance, para suministrar nitrógeno a los árboles frutales.
- AGRONITRO 270 logra ahorrar energía al árbol; a pasar el nitrógeno directly to aminoácidos y luego a proteínas y posterior es almacenada para la brotación.
- AGRONITRO 270 disminuye el lavado del nitrógeno por las lluvias o riegos.

### GUARANTEED ANALYSIS

(% M/M)

|                                                     |        |
|-----------------------------------------------------|--------|
| Total nitrogen (N)                                  | 27,00% |
| Ammonia nitrogen (N)                                | 19,50% |
| Nitrogen (N) nitric                                 | 7,50%  |
| DCD (dicyandiamide)                                 | 0,80%  |
| Sulfur trioxide (SO <sub>3</sub> ) soluble in water | 33,36% |

## GRONITRO MGO 600



### FEATURES

GRONITRO MgO 600 is a stabilized crystalline granular fertilizer, which provides efficiency and quality for its use in fertigation.

GRONITRO MgO 600 contains in its formulation the DCD molecule, which inhibits nitrification, which guarantees the stability of nitrogen in the soil.

GRONITRO MgO 600 guarantees the availability of nitrogen in the form of ammonium (NH<sub>4</sub> +) which allows energy savings, as well as an improvement in the absorption of microelements and phosphorus which contribute to increasing production.

GRONITRO MgO 600 allows to improve the uniformity and size of the fruit.

GRONITRO MgO 600 helps to reduce nitrate losses due to washing, thus avoiding nitrate contamination from groundwater.

GRONITRO MgO 600 also contributes to the safety of your irrigation equipment, as it is completely and rapidly soluble, free from carbonates and has a high acidifying power, which prevents the formation of precipitates and obstructions in the irrigation regulators.

Advantages of GRONITRO MgO 600 :

- Contribution of Nitrogen, Magnesium and Sulfur in crops.
- Use in alkaline soils with high pH levels.
- Use in sulfur deficient plantations.

When GRONITRO MgO 600 is used in soils subject to soil acidification, the pH must be controlled and remain within the correct range.

### GUARANTEED ANALYSIS

(% M/M)

|                                                     |        |
|-----------------------------------------------------|--------|
| Total nitrogen (N)                                  | 19,10% |
| Ammonia nitrogen (N)                                | 12,00% |
| Nitrogen (N) nitric                                 | 7,10%  |
| DCD (dicyandiamide)                                 | 0,80%  |
| Magnesium (MgO)                                     | 6,00%  |
| Sulfur trioxide (SO <sub>3</sub> ) soluble in water | 26,00% |

## AGRO - ÓXIDO 460



### FEATURES

AGRO - OXIDE 460 is a biological contact fungicide with preventive and curative action for the control of powdery mildew and botrytis in various crops. Its mode of action is multiple, attacking from different points, ensuring the prevention and control of phytopathogenic fungi without generating resistance, since the active ingredient of AGRO - OXIDE 460 (potassium hydrogen carbonate) makes adaptation impossible.

Benefits of potassium for plants:

- Improve the tolerance of plants to frost. Potassium helps maintain a thick cell wall, as well as increase the concentration of electrolytes in the cell. This helps the plant increase its frost resistance.
- Increase the resistance of plants to diseases. Potassium removes the buildup of small non-protein carbohydrate and nitrogen chains, which are breeding grounds for bacteria, fungi, nematodes and viruses.

- AGRO - OXIDE 460 increases drought tolerance, as it favors the establishment and growth of the root system which allows greater absorption of water from the soil, as well as its retention in the plant in an optimal way.

### GUARANTEED ANALYSIS

(% M/M)

|                                                     |        |
|-----------------------------------------------------|--------|
| Potassium hydrogen carbonate                        |        |
| Potassium oxide (K <sub>2</sub> O) soluble in water | 46,00% |



