



Natural solutions,  
always in our mind.



CORRECTORS



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Soil and water regulators

## Soil and water regulators

Formulations are designed to improve the manipulation of pulverization mixture, as well as helping to dissolve immobile nutrients that are retained in soil.



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## Fixertop pH®

**pH buffer. Its main function is to adjust the pH of mixture treatments.**

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

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

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



1 L 5 L 20 L

## Acidactive®

**Acidifying fertilizer, mobilizer of insoluble nutrients in the rhizosphere.**

**Acidactive** is a mobilizer of the elements found in rhizosphere in the form of insoluble salts. The reaction of Acidactive with water produces solubilisation of these elements allowing a greater assimilation of macronutrients such as a phosphorus or micronutrients (boron, copper, iron, manganese and zinc) that are the most favoured by the acidifying effect of the formulation.

It also acts as a corrector of sulphur deficiencies due to its high content of SO<sub>3</sub>, correcting the deficiencies caused by the excessive use of fertilizers.

Improves the capacity of the crops to growth in salts stress conditions by reason of the chemical reaction that generates sodium sulphate easily passed by irrigation water.

Modifies the structure of soil that reduces the compaction of the surface and improves the porosity.

Solubilizes the excess of elements present in the soil allowing its washing by lixiviation (leaching).



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## Mafa-control®

**pH corrector fertilizer with surfactant, humectant and penetrating action.**

**Mafa-control** acts as a pH regulator of phytosanitary mixture to adjust the desired values.

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

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

Acid hydrolysis: the rupture is carried out under acid conditions (pH<7), this process affects a few plaguicides

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



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## Maxiplant Sal®

**Soil corrector with calcium and organic acid. Liquid formulation that acts reducing soil salinity.**

**Maxiplant Sal** is a liquid fertilizer that acts as a saline corrector, reducing water and soil salinity. It is a formulation based on polyhydroxycarboxylic acids that act as a complex agent of the calcium. These acids liberate the calcium when is getting in contact with soil and water and retain the sodium to produce a decrease in salinity.

Improves remarkably soils structure, in particularly, those affected by sodium degradation problem.

Facilitates the aeration and penetration of roots into the soil, this is a result of flocculating action of calcium associated with the chain of organic acids.

Provides resistance to the plant against diseases, therefore, is a very efficient source of calcium.



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## Maxiplant®

**Organo-mineral fertilizer with a high content of organic matter.**

**Maxiplant** contains a complex nutrients that include; carbohydrates, macro and micronutrients, organic acids and fats. These complex sources provide significantly the nutrients and energy to soil and plant organisms, based on natural vegetable extracts and lignosulfonic acids that are a complexant agent of calcium.

Allows an easy absorption, improves the soil structure and cation exchange capacity and activates the microbial life offering a greater yield of crops.

It's a source of organic matter which can be applied by any irrigation system. These particles, with its low CN proportion, allow the organic matter to be rapidly absorbed by the soil organisms

The easily absorbed organic matter contributes to the mineralization, increases the root mass, improves the consumption of efficient nutrients and confers a great retention capacity of water into the soil after several applications.



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## Maxiplant Humic®

**Organo-mineral fertilizer with a high content in humic and fulvic acids.**

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

Improves the soil structure and offers a better permeability and capacity to retain the water .

Improves the cation-exchange-capacity, favouring the formation of clay-humic complex, it is formulated as a source and reserve of macro and microelements that give a better profit of fertilization.



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