



Grupo Agrifluide comprises the following companies: **Agrifluide, Nitrosol, Fertifluid y Nitronor**. These companies are devoted to the production and commercialisation of liquid fertilisers and have been working on crop nutrition for over 40 years, becoming a pioneer in the liquid fertilisers industry.

Our main office is located in Cordoba and we have manufacturing plants placed in Lora del Rio (Seville), Albacete, Villalar de los Comuneros (Valladolid) and Fraga (Huesca), where our products undergo strict quality controls during the full process.

In order to provide farmers with the best choices, we offer a wide range of special products kept in different sale and storage formats, with the purpose of meeting the nutritional requirements of crops and achieving greater efficiency.

Grupo Agrifluide conducts its own research studies that allow us to have a better knowledge of the cultivation necessities and to supply solutions.

Our research and work carried out in collaboration with the University of Cordoba and other official organizations have permitted us the development of an exclusive range of products of proved efficiency and positively evaluated by our clients, who trust and choose us every season.

The greater difference of **Grupo Agrifluide** products as compared to other fertilisers is that **PHC** is an organic-mineral formulation whose main components are polyhydroxycarboxylic or organic acids (fulvic or humic acids, respectively) of low molecular weight and immediate agronomic effectiveness.

“Exclusive products guaranteed by Agrifluide”



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LINE OF
**PACKED
PRODUCTS**



**GRUPO
agrifluide**
FERTILIZANTES





FERTIAMIL

Liquid biostimulant with anti-stress effect

FERTIAMIL is a stimulant formulation with excellent solubility, which is composed by polyhydroxycarboxylic acids (**PHC**), sulphur, nitrogen and amino acids. It ensures a balanced nutrition by stimulating and boosting the natural metabolic process of crops. It is characterised by its fast action and excellent compatibility with foliar-application mixtures.

FERTIAMIL is an advantageous and effective stimulant which provides a high amount of **PHC**, and works as a desalination agent, chelating agent and soil conditioner.

COMPOSITION (p/p)

Total of nitrogen (N)	5,8
Organic nitrogen (N)	1,0
Ammoniacal nitrogen (N)	4,8
Water-soluble sulfur trioxide (%SO ₂)	7,6
PHC**	13,5
Total of amino acids	4,4
Free amino acids	3,0
Organic matter	>28
pH	4,2
Density (g/cc)	1,22

Concentration of heavy metals below the maximum permissible levels.
* Tolerances according to current regulations.
** Oxidation with sulphuric dichromate under reflux for 60 minutes and assessment of the excess of ferrous salt.

DOSAGE

Foliar: 0,5 – 1 lt/100 lts.

Irrigation: 10 - 20 lts/Ha. Apply every 7 – 10 days during the growing season.

Organic soil conditioners: Use 700 – 1000 Kgs/Ha as an alternative to manure applied on soil at the beginning of the farming season.



NITROFLUIDE

Biostimulant to favor the sprouting and flowering

NITROFLUIDE, is a fast and effective formulation with high concentration of nitrogen, complemented by polyhydroxycarboxylic acids (**PHC**), sulphur, and amino acids. Its stimulant action on plants protects from adverse circumstances caused by the weather, hydric stress, plagues, etc.

Due to its special formulation, **NITROFLUIDE** is considered as a direct support essential for the foliar nutrition, as it improves the budding, sprouting and flowering, as well as the vegetative development.

It promotes the physiological functions of the plant by the formation of protein substances (amino acids, proteins), enabling energy saving and growth improvement.

COMPOSITION (p/p)

Total of nitrogen (N)	18
Organic nitrogen (N)	0,7
Urea nitrogen (N)	14,1
Ammoniacal nitrogen (N)	3,2
Water-soluble sulfur trioxide (%SO ₂)	5,1
PHC**	9,0
Total of amino acids	3,03
Free amino acids	2,04
Organic matter	>19
pH	4,8
Density (g/cc)	1,23

Concentration of heavy metals below the maximum permissible levels.
* Tolerances according to current regulations.
** Oxidation with sulphuric dichromate under reflux for 60 minutes and assessment of the excess of ferrous salt.

DOSAGE

Foliar: 0,5 – 1 lt/100 lts.

Fertirrigation: 10 – 20 lts/Ha. Regular application according to the crop's requirements.



AMINOMIL-V

Amino acids originated from enzymatic hydrolysis

AMINOMIL-V is a vegetal plant growth stimulant of immediate effectiveness. It plays a crucial role on the plant physiology, having an impact on the formation of proteins and chlorophyll. Furthermore, it promotes the introduction of macronutrients and micronutrients to the inside of the plant.

AMINOMIL-V increases the plant resistance to adverse conditions such as excessive cold or heat, phytotoxicity problems, plagues or diseases. The included amino acids are easily absorbed by the root, so a better water flow and plant nutrients are obtained, resulting in a larger foliar mass.

COMPOSITION (p/p)

Total of amino acids	17,8
Free amino acids	12
Total of nitrogen (N)	8,2
Ammoniacal nitrogen (N)	4,2
Organic nitrogen (N)	4,0
Phosphorus pentoxide (P ₂ O ₅) soluble in water and neutral ammonium citrate	0,5
Water-soluble potassium oxide (K ₂ O)	0,1
Water-soluble chlorine oxide (CaO)	0,03
Water-soluble magnesium oxide (MgO)	0,06
Water-soluble sulphur trioxide (SO ₂)	3,52
Organic matter by LOI	58
pH	6,5
Density (g/cc)	1,27
Electrical conductivity (mS/cm)	4,4

Concentration of heavy metals below the maximum permissible levels.

DOSAGE

Foliar: 2 – 5 lts/1.000 lts.

Fertirrigation: 100 - 150 Kgs/Ha.



FUL-K

Potassium adipate formulation, stimulant of ripening and fattening

FUL-K is a compost formulation rich in chloride-free potassium, with a high proportion of humic acids. Besides inducing every benefit of the organic acid applied on soil, it improves the assimilation of chloride-free potassium.

Thanks to its high content of potassium adipate, **FUL-K** is ideal for foliar and root application on any type of crop, from greenhouse to outdoor cultivations.

COMPOSITION (p/p)

Water-soluble potassium oxide (K ₂ O)	18
PHC (Humic acids)	25
Chloride (Cl)	<0,3
pH	8
Density (g/cc)	1,25

* Tolerances according to current regulations.

DOSAGE

Foliar: 0,5 – 1 lt/100 lts.

Fertirrigation: 10 – 20 lts/Ha. Regular application according to the crop's requirements.



FUL-BERRY

Stimulant, corrective and enhancer of soil fertility

FUL-BERRY is an organic-mineral formulation with high contents of polyhydroxycarboxylic acids (**PHC**), sulphur, nitrogen, and enriched by iron and boron. Its excellent solubility ensures a balanced nutrition, stimulating and improving the natural metabolic process of crops, as it provides nutrients and promotes their assimilation.

FUL-BERRY is an advantageous and effective stimulant which provides a high amount of **PHC**, and works as a desalination agent, chelating agent and soil conditioner.

COMPOSITION (p/p)

Total of nitrogen (N)	5
Ammoniacal nitrogen (N)	5
Water-soluble sulfur trioxide (%SO ₂)	10
Water-soluble boron (%B)	0,1
Water-soluble iron (%Fe) complexed by gluconate	0,1
PHC**	15
pH	4,5
Density (g/cc)	1,18

* Tolerances according to current regulations.
** Oxidation with sulphuric dichromate under reflux for 60 minutes and assessment of the excess of ferrous salt.

DOSAGE

Foliar: 0,5 – 1 lt/100 lts.

Fertirrigation: 10 – 20 lts/Ha. Apply every 7 – 10 days during the growing season.

Organic soil conditioners: Use 700 – 1000 Kgs/Ha as an alternative to manure applied on soil at the beginning of the farming season.



FOSFOFLUIDE

Acid phosphoric formulation with biostimulant effect on the root

FOSFOFLUIDE, is a root biostimulant formulated from phosphoric acid, enriched by sulphur, polyhydroxycarboxylic acids (**PHC**), and nitrogen, which reduces stress during the transplanting stage and promotes the plant rooting.

FOSFOFLUIDE, has an important nutritional effect as a phosphorus source, as it is an acid solution with great acidifying properties that lowers water pH by cleaning the irrigation circuits.

COMPOSITION (p/p)

Ammoniacal nitrogen (N)	4
Phosphorus pentoxide (%P ₂ O ₅) soluble in water and neutral ammonium citrate	15
Water-soluble sulphur trioxide (%SO ₂)	8
PHC**	12
pH	0,5-1
Density (g/cc)	1,28

* Tolerances according to current regulations.
** Oxidation with sulphuric dichromate under reflux for 60 minutes and assessment of the excess of ferrous salt.

DOSIS

Fertirrigation: The application dosage depends on the phosphorus amount required by the crop and the level of acidification pursued on irrigation water. Generally, apply 5 – 10 lts/Ha and irrigation water.



NITROFLUIDE-ACID

Acid nitrogenous formulation of fertilizer enriched by PHC and sulphur

NITROFLUIDE-ACID is an acid product designed to control pH levels, in order to prevent chemical precipitations in localised irrigation pipes and emitters. This product has a strong descaling effect. It prevents and removes precipitations of calcium and magnesium carbonate, calcium phosphates and metal hydroxides. Consequently, its action consists of preventing chemical obstructions in the irrigation system, as well as promoting the nutrition, release, movement and assimilation of microelements and nutrients on chalky and alkaline soil, thanks to its high content of nitrogen, polyhydroxycarboxylic acids (**PHC**) and sulphur.

COMPOSITION (p/p)

Total of nitrogen (N)	12
Ammoniacal nitrogen (N)	6,5
Nitric nitrogen (N)	5,5
Water-soluble sulfur trioxide (%SO ₂)	5
PHC**	10
pH	0
Density (g/cc)	1,24

* Tolerances according to current regulations.
** Oxidation with sulphuric dichromate under reflux for 60 minutes and assessment of the excess of ferrous salt.

DOSIS

Irrigation: The application dosage depends on the nitrogen amount required by the crop and the level of acidification pursued on irrigation water. Generally, apply 5 – 10 lts/Ha and irrigation water.

PHC

PHC is an organic-mineral formulation, exclusive to **Grupo Agrifluide**, whose main components are polyhydroxycarboxylic or organic acids (fulvic or humic acids, respectively) of low molecular weight and immediate agronomic effectiveness.

Agrifluide products are presented in formats of 5, 10, 20 and 1000 litres.

