



ALFA HEAD[®]

make it different





Alfa Head is a Spanish company that manufactures **sustainable and ecological fertilizers**, focused on the **new agriculture**, committed to the objectives of 2030 Agenda and that shares the challenge of the field with the farmer.

We are part of that immense community that plants the future, today: revitalize the soil, sow a quality seed, protect the crop, prevent temperature or water stress, among many other challenges. Each stage with its essential care to **achieve a better and healthier harvest for those who produce, for those who consume and for the environment.**

We invest our strength in the research and development of sustainable fertilizers that increase the natural response of the plant, give greater productivity with zero waste.



Materiales
Reciclables



Bio degradable





Norma CE



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INSUMOS UNE

We are the result of the merger of important companies with a presence in the international market such as Agrentis, Palma, Vito, Pam, Sigma and Agrogreenday.



PAM®



SIGMA®



We brought together all this experience and developed a new line of **sustainable, high-performance fertilizers**, result of scientific research, countless experiences in crops around the world, and experience in the agricultural market, **with fair and affordable prices for all farmers.**

It's time to **make it different.** Alfa Head is with you in this change to the **new agriculture.**

make it different



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Enhancer

They activate vegetative growth and plant development, especially under unfavorable conditions and under stress. They present a quick and safe solution for the plant during its life cycle to complete the hormonal balance in the leaf tissues. It is recommended to always apply before unfavorable conditions to achieve the desired effects in each crop. The main objective of our enhancer products is to improve nutritional efficiency, tolerance to abiotic stress and crop quality



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SERENA

Product to promote vegetative growth. Increases the photosynthetic capacity of the plant and speeds up its metabolism. Block sources of stress and restore your balance.

Free vegetal amino acids	5 %	w/w
Zn	0.2 %	w/w

Dose and application:

Crop	Foliar	Application
Vegetables	2 ml/L	Repeat every 10-15 days during the stress period
Citrus	2-2.5 ml/L	
Grape	2-2.5 ml/L	
Fruit trees	2.5-3 ml/L	



AGNI

Anti-stress product based on natural extracts of *Ascophyllum nodosum* seaweed. It provides a high proportion of natural phytohormones that, once applied, penetrate the cell tissues, influencing the physiological processes of the plant, stimulating its growth and flowering.

Seaweed extract <i>Ascophyllum nodosum</i>	15 %	w/w
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Dose and application:

Crop	Foliar	Irrigation	Application
Vegetables	2-3 ml/L	3 L/Ha	Repeat every 10-15 days during the stress period
Citrus	3-4 ml/L	3-4 L/Ha	
Grapes	2-3 ml/L	3 L/Ha	
Fruit trees	2.5-3 ml/L	3-4 L/Ha	



URANO

The product has amino acids that act as an osmolyte, regulation of ion transport, modulation of stomatal opening and detoxification of heavy metals. Amino acids also affect the synthesis and activity of some enzymes, gene expression, and redox homeostasis.

Free vegetal amino acids	15%	w/w
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Dose and application:

Crop	Foliar	Irrigation	Application
Vegetables	1.5 -2 ml/L	2 L/Ha	Repeat every 10-15 days during stress period
Citrus	2 - 3 ml/L	3 L/Ha	
Grapes	1.5 -2 ml/L	2 L/Ha	
Fruit trees	2-3 ml/L	3 L/Ha	



MITOX

Fast acting anti-stress product that induces the plant to hyperstimulation, increases photosynthesis and sugar production.

Seaweed extract <i>Ascophyllum nodosum</i>	10 %	w/w
Free vegetal amino acids	10 %	w/w

Dosis y aplicación

Crop	Foliar	Irrigation	Application
Vegetables	2 ml/L	3 L/Ha	Repeat every 10-15 days during the stress period
Citrus	2-2.5 ml/L	4 L/Ha	
Grapes	2-2.5 ml/L	3 L/Ha	
Fruit trees	2.5-3 ml/L	3 -4 L/Ha	



INSUMOS UNE



ANDY

This product is a natural enhancer and organic chelator of trace elements that are rapidly absorbed by the leaves and transferred to the tissues of the plant. It also promotes recovery from abiotic or biotic stress.

Free vegetal amino acids	80 %	w/w
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Dose and application:

Crop	Foliar	Irrigation	Application
Vegetables	2.5 g/L	3 Kg/Ha	Repeat every 10-15 days during the stress period
Citrus	2.5-3 g/L	3 Kg/Ha	
Grapes	2.5 g/L	3 Kg/Ha	
Fruit trees	2.5-3 g/L	3 Kg/Ha	



ERIN

The product supports the resistance of plants to environmental stress (drought, extreme temperatures, sunburn, transplant stress, etc.). In addition, it promotes root growth and regenerates damaged roots, moisturizing and adherent, which enhances the effectiveness of phytosanitary products and fertilizers.

Seaweed extract <i>Ascophyllum nodosum</i>	100 %	w/w
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Dose and application:

Crop	Foliar	Irrigation	Application
Vegetables	2 g/L	2 Kg/Ha	Repeat every 10-15 days during the stress period
Citrus	2-2.5 g/L	3 Kg/Ha	
Grapes	2-2.5 g/L	2 Kg/Ha	
Fruit trees	2.5-3 g/L	3 Kg/Ha	



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Nutrition

The objective is to guarantee the correct development of the plant during its life cycle. Our products offer the advantage of foliar or root application depending on the phase of vegetative growth within the cultivation program. They guide the plant towards axial growth instead of apical growth, especially in the stages of flowering, fruit set, growth and maturity. They are classified according to the planting period that the farmer can easily obtain with our specific program for each crop, depending on the conditions of the country and the area. Each product will provide what the plant needs to successfully promote its development.





FLORIN

Florin makes the flowers more fertile and better formed. Promotes pollen fertility and tube growth, recovers the phosphorus used in flowering, increases the biological activity of cytokinins and auxins. Also, it increases the duration of flowering, the quantity and quality of the fruits and enhances the flowering process. Florin acts as a carrier of nitrogen and phosphorus for the pre-flowering stage and the activation process of the growing tissues.

Free vegetal amino acids	7 %	w/w
Mo	1 %	w/w

Dose and application:

Crop	Foliar	Irrigation	Application
Vegetables	1-1.5 ml/L	2 L/Ha	Repeat 2 times during the pre-flowering period
Citrus	2 ml/L	2-2.5 L/Ha	
Grape	1-1.5 ml/L	2 L/Ha	
Fruit trees	2-3 ml/L	3-3.5 L/Ha	



VIDAX

It is a specific inducer and promoter to improve fruit set and is formulated based on the essential minerals boron and molybdenum, necessary for the fruit set process. It acts on the reproductive organs of plants, favoring fertilization, reducing floral abortion and increasing fruit set.

B	3 %	w/w
Mo	2 %	w/w

Dose and application:

Crop	Foliar	Irrigation	Application
Vegetables	2 ml/L	2 L/Ha	2-3 times on fallen petals
Citrus	2-2.5 ml/L	2-2.5 L/Ha	100% of fallen petals
Grape	2 ml/L	2 L/Ha	2-3 times on fallen petals
Fruit trees	2-2.5 ml/L	2-2.5 L/Ha	At 80-100% of the fallen petals



GROWIX A

The product is indicated to increase the absorption of potassium through cell membranes, acting to restore hormonal balance and exceptional development. The plant synthesizes new proteins and enzymes, which induce faster cell growth and division, moving nutrients away from the leaves, stems and roots to the fruit. It provides a faster development, excellent fruiting and improves the quality of the fruit: better size, color, texture and flavor.

K ₂ O	10 %	w/w
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Dose and application:

Crop	Foliar	Irrigation	Application
Vegetables	2 ml/L	2 L/Ha	2-3 times on fallen petals
Citrus	2-2.5 ml/L	2-2.5 L/Ha	100% of fallen petals
Grape	2 ml/L	2 L/Ha	2-3 times on fallen petals
Fruit trees	2-2.5 ml/L	2-2.5 L/Ha	At 80-100% of fallen petals



GROWIX B

It is specific for the maturity of the fruit, to increase the brix, to complete the color of the fruit and the hardness. It contains a technological source of organic potassium in excellent condition to be quickly absorbed and assimilated by the plant. In addition, it contains signal extracts of biological active plant substances, which favor the physiological process of the final phase of growth and the beginning of fruit ripening. It also contains a color promoter indicator, a natural vegetable extract from plants that has a quick and direct effect on color and helps in the process of transforming starch into sugar suitable for the fruit to achieve the maximum brix possible, to favor a caliber and a shiny fruit.

K ₂ O	10 %	w/w
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Dose and application:

Crop	Foliar	Irrigation	Application
Vegetables	3 ml/L	4 L/Ha	15 days before harvest, repeat in each bouquet
Citrus	3-5 ml/L	5 L/Ha	30 days before harvest and 15 days before harvest
Grape	3 ml/L	4 L/Ha	30 days before harvest and 15 days before harvest
Fruit trees	3-4 ml/L	5 L/Ha	30 days before harvest and 15 days before harvest



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CORRECTORS

They act preventively and curatively to solve the needs of the plant. To keep the plant healthy and correct its deficiencies, the products must have the adjusted and calculated concentration of macro and microelements. All of our products in this range can be used with preventive and curative action and it is recommended to apply previously, before the plant shows symptoms of microelement deficiency.





CELLEX

Cellex is a special calcium-boron complexed mixture. It makes it possible to correct the deficiency of these elements more quickly thanks to the specific promoters that rebuild the structure of the deficient parts. Cellex maintains the strength of plant stems and regulates the uptake of nutrients through plasma cell membranes.

CaO	12 %	w/w
B	0.5 %	w/w

Dose and application:

Crop	Foliar	Irrigation
Vegetables	2-3 ml/L	4-5 L/Ha
Citrus	3-5 ml/L	4-7 L/Ha
Grape	2-3 ml/L	3-5 L/Ha
Fruit trees	3-5 ml/L	4-5 L/Ha



ARBO

It is an immediate assimilation product with a complexed calcium base for foliar application and irrigation. It enhances the growth of the plant during its crop cycle under salinity stress or saline water. In addition, it prevents and corrects calcium deficiencies. Increases the resistance of crops against pests and diseases. It stimulates the lignification of the cell wall (lignin), favoring its sealing process, which is essential for the mechanical strength of the stems.

CaO	12%	w/w
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Dose and application:

Crop	Foliar	Irrigation
Vegetables	2-4 ml/L	5-7 L/Ha
Citrus	5 ml/L	6-8 L/Ha
Grape	2-4 ml/L	3-5 L/Ha
Fruit trees	5 ml/L	4-5 L/Ha



VALE

It is a liquid product with a high concentration of calcium and magnesium to regulate the deficiency of these two elements, improve the resistance of cell walls and the production of chlorophyll. Enhances the color of the leaves, the quality of the fruit and its useful life. It is made for easy handling and can be applied via foliar or irrigation.

CaO	7 %	w/w
MgO	2 %	w/w

Dose and application:

Crop	Foliar	Irrigation
Vegetables	2-3 ml/L	3-4 L/Ha
Citrus	3 ml/L	5-7 L/Ha
Grape	2 ml/L	3-4 L/Ha
Fruit trees	3 ml/L	5-7 L/Ha



KIRA

It is a liquid solution to prevent and correct boron and molybdenum deficiency and prevent the decrease in sprouting, growth and flowering. In addition, it prevents chlorosis and necrosis, especially in the terminal tissues. It favors pollination, flowering and fruiting. It stimulates the growth of roots and leaves and offers greater resistance to plant tissues. Increases sugar production, improves crop resistance to frost and water stress.

B	10 %	w/w
Mo	0,5 %	w/w

Dose and application:

Crop	Foliar	Irrigation
Vegetables	1-2 ml/L	2-3 L/Ha
Citrus	2-3 ml/L	3-4 L/Ha
Grape	2 ml/L	3-4 L/Ha
Fruit trees	2-3 ml/L	3-4 L/Ha



LORIN

It is a solid iron chelated by 6% EDDHA with 4.8% ortho-ortho isomer, which determines the high efficacy of the product, the speed of action and its persistence. It is very effective in the treatment of iron chlorosis caused by the lack of iron absorption, either due to the basic pH of calcareous soils, due to interaction with other elements or due to excess water in the soil. The product helps the plant to recover and increase its photosynthetic and, therefore, productive potential.

Fe	6 %	w/w
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Dose and application:

Crop	Maintenance	Deficiency	High deficiency
Vegetables	7 Kg/Ha	8 Kg/Ha	10 Kg/Ha
Citrus: - new planting - trees in production - maximum production trees	5-7 g/tree 10-15 g/tree 20-35 g/tree	5 -10 g/tree 10-15 g/tree 30-50 g/tree	12-18 g/tree 20-30 g/tree 50-80 g/tree
Olives	20-25 g/tree	20-30 g/tree	40-60 g/tree
Apple and pear trees	5-7 g/tree	5-10 g/tree	8-15 g/tree
Grapes	3-4 g/tree	4-6 g/tree	5-10 g/tree



FEDRA

The product has a preventive and curative effect to correct zinc and manganese deficiency. Helps generate new leaves. Provides a source of reduced sugars that facilitate foliar assimilation and absorption through the green organs of plants. It offers extra energy in the physiological processes, especially to recover the green pigments of the leaf.

Zn	2 %	w/w
Mn	2 %	w/w

Dose and application:

Crop	Foliar	Irrigation
Vegetables	3 ml/L	4-5 L/Ha
Citrus	4 ml/L	5-6 L/Ha
Grapes	3 ml/L	4-5 L/Ha
Fruit trees	4 ml/L	5-6 L/Ha



MIKRO

It is a liquid mixture of microelements that has a preventive and curative action to correct the deficiencies of essential micronutrients for the optimal development of the plant through continuous supply in adequate doses, throughout the vegetative cycle. It is suitable for all types of water used in hydroponics and for all types of soils. It is not necessary to acidify the nutrient solution reservoir. The product offers maximum cleaning in irrigation system filters.

Dose and application:

Zn	0,5 %	w/w
Mn	0,5 %	w/w
Fe	0,5 %	w/w
MgO	0,5 %	w/w
B	0,2 %	w/w
Cu	0,2 %	w/w
Mo	0,02 %	w/w

Crop	Foliar	Irrigation
Vegetables	2 ml/L	3 L/Ha
Citrus	2 ml/L	5 L/Ha
Grapes	3 ml/L	5 L/Ha
Fruit trees	2.5-3 ml/L	5 L/Ha



CLEO

It is a solid product that contains chelated microelements. It acts as a preventive and curative to avoid deficiency symptoms in all types of crops. It can be applied throughout the vegetative cycle and its use is recommended in adequate doses under the cultivation program established.

Dose and application:

Zn	0,6 %	w/w
Mn	3,3 %	w/w
Fe	7,5 %	w/w
B	0,7 %	w/w
Cu	0,7 %	w/w
Mo	0,2 %	w/w

Crop	Foliar	Irrigation
Vegetables	5 g/L	5-7 kg/Ha
Citrus	7 g/L	6-8 kg/Ha
Grapes	5 g/L	5 kg/Ha
Fruit trees	4 g/L	3-6 kg/Ha



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PROTECTION

Our product is a special formulation to stimulate plant self-defense and improve the balance between axial and apical hormones. It is mainly used to protect the plant and acts as a shield to prevent pathogenic damage, especially microorganisms such as fungi, bacteria and viruses, which usually attack new root structures, weakening the plant and its growth. Through its application, the plant will be able to complete its life cycle without injury and in a healthy manner.



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DIANA

It is a copper deficiency corrector. It acts activating specific enzymes that are involved in the synthesis of lignin. Strengthens the plant's natural defense system against endoparasites fungi that can cause diseases such as botrytis, mildew, alternaria, phytophthora, etc.

Cu	5 %	w/w
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Dose and application:

Crop	Foliar	Irrigation
Vegetables	2 ml/L	2-3 L/Ha
Citrus	2-3 ml/L	3-4 L/Ha
Grapes	2 ml/L	2-3 L/Ha
Fruit trees	2-3 ml/L	3-4 L/Ha





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TERRA

These products condition, regenerate and revitalize the soil. They increase the fertility of the plant and fix the main nutrients. They contain organic compounds formulated with the base of humic and fulvic acids to provide and increase the humic richness of the soil, increase the water retention capacity and improve the solubilization of the soil that releases macro and microelements. They also help the process of breaking down long protein chains into tiny units, move elements to areas with deficiencies, activate the root system and the permeability of root membranes.



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BONAX

It is a specific organic compound product, formulated with humic and fulvic acids. It provides humic richness to the soil, increases the water retention capacity and enhances the solubilization of the soil that releases macro and microelements.

Humic acid	10 %	w/w
Fulvic acid	10 %	w/w

Dose and application:

Crop	Irrigation	Application
Vegetables	50 L/Ha	20 L after planting, 10 L growth stage, 10 L pre-flowering, 10 L at fruit set
Citrus	45 L/Ha	15 L growth stage, 15 L pre-flowering, 15 L fruit set
Grapes	45 L/Ha	15 L growth stage, 15 L pre-flowering, 15 L fruit set
Fruit trees	35 L/Ha	15 L growth stage, 15 L in fruit set (mixed with potassium)



ELON

Elon is a solid humic fertilizer that contains leonardite bioactivated by potassium salts that offers a high contribution of totally humid organic matter that is completely usable and available for the soil and the plant in general. It can be applied directly on the ground and does not need to be buried. It has a long-lasting effect and does not have leaching losses, especially due to high rainfall or intense irrigation.

K ₂ O	10 %	w/w
Humic acid	65 %	w/w
Fulvic acid	15 %	w/w

Dose and application:

Crop	Irrigation	Application
Vegetables	3.5 kg/Ha	1.5 kg after planting, 1 kg at fruit set, 1 kg at fruit growth
Citrus	4 kg/Ha	1 kg flowering, 1 kg fruit set, 1 kg growing, 1 kg fruit ripening
Grapes	3.5 kg/Ha	1 kg in pre-flowering, 1 kg in fruit set, 1.5 kg in growth
Fruit trees	3 kg/Ha	1.5 kg in fruit set, 1.5 kg in growth



ZEOS

Its highly concentrated composition of fulvic acid has many benefits for the plant, such as increasing the absorption of fertilizers and insecticides applied by the foliar route. Additionally, it enhances root growth and develops healthy roots for greater access to soil nutrients. Increases soil moisture retention, stimulates cell elongation and division.

Fulvic acid	40 %	w/w
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Dose and application:

Crop	Irrigation	Application
Vegetables	4 L/Ha	1 L/ Ha after each crop stage
Citrus	5 L/Ha	1.5 L/ Ha after each crop stage
Grapes	4 L/Ha	1 L/ Ha after each crop stage
Fruit trees	5 L/Ha	1.5 L/ Ha after each crop stage





ALFA HEAD[®]

We propose to act in a different way: understand the symptoms of the plant and look for solutions, offering the most appropriate at each moment of its growth. We have our own laboratory, research and flexibility for the development of new products.

Every day, we are verifying the excellent results in various countries. We seek to make it different to achieve your goal: the quality of the fruit, more productivity and the health of the plant.

Better for those who produce, for those who consume and for the environment



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SÍGUENOS

