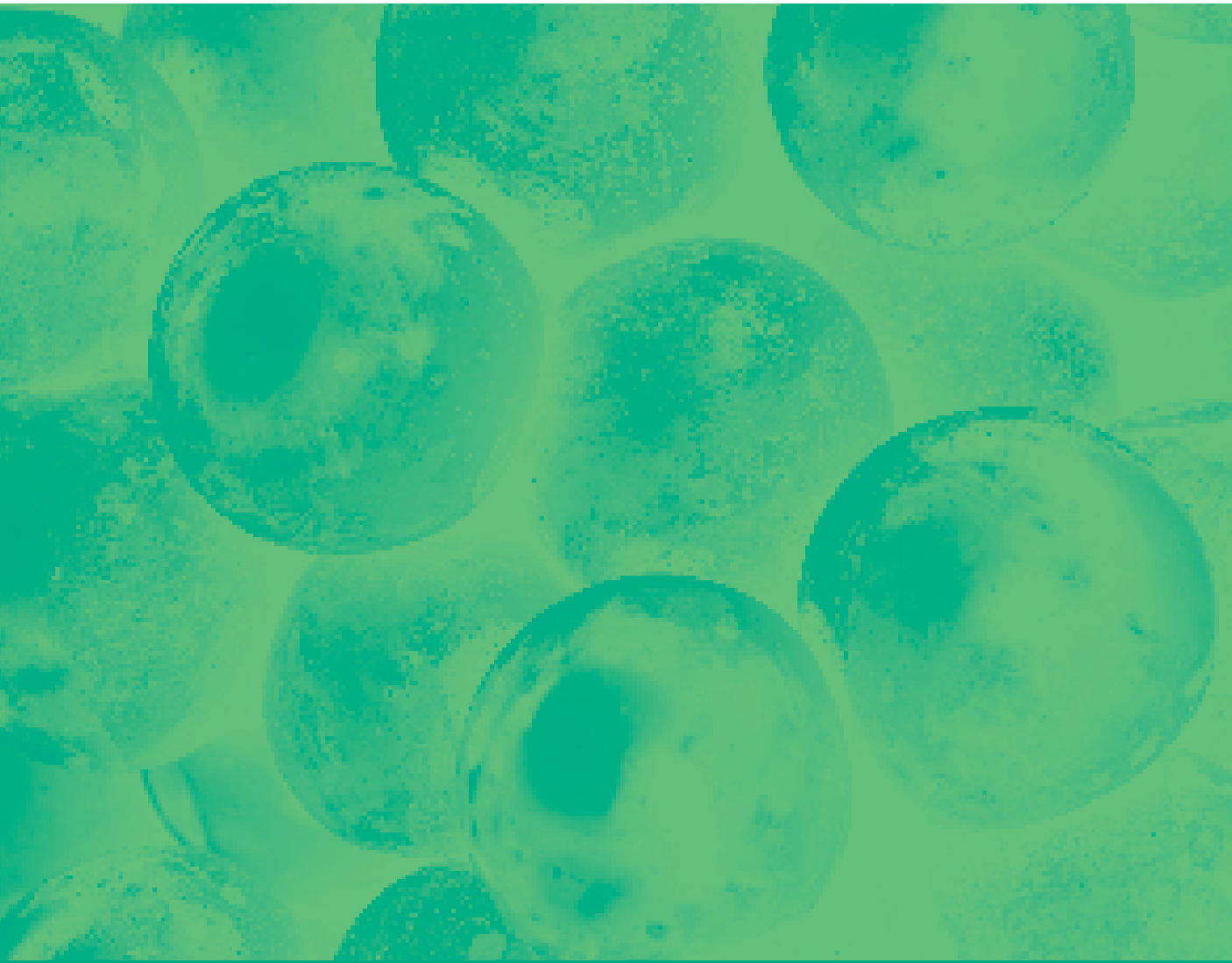
Naturland

Product catalogue



Index

Amino acids

- Aminat Ca
- Aminat Magnum
- Aminat Silica
- Aminat-I
- Aminat-I Plus
- Natrur Gordo

Aminat-Ca

Fertilizer with amino acids (Ca) (14) with boron

Guaranteed richness (%w/w)	
Free amino acids	5,1%
Total nitrogen (N)	1,7 %
Ammoniacal nitrogen (N)	1,6 %
Organic nitrogen (N)	0,1 %
Water-soluble calcium oxide (CaO)	14,3%
Calcium oxide (CaO) complexed by gluconic acid	14,3 %
Boron (B) soluble in water	1,2 %
Gly (1.25%)	

Method of obtaining amino acids:
obtained by synthesis

pH range in which good stability of the complexed fraction is guaranteed:
pH between 3 and 9

What does it provide us?

Aminat-Ca contains amino acids of vegetable origin. It is a product composed of amino acids, Calcium and Boron, therefore, it has preventive effect for cases of Calcium and/or Boron deficiency. It should be applied especially in the phases of strong growth and development of the plant. It is absorbed and delivered to the parts of the plant with greater activity giving a high supply of nutrients.

Aminat-Ca has a strong effect on the transport and regular supply of mineral salts and other elements available in the soil. Amino acids contribute to the absorption of calcium through the roots and leaves.

Compatibility

Aminat-Ca is unstable with bases. Do not mix with bases in general, with sulfates or phosphates. Do not mix with fertilizers high in copper, sulfur, minerals or oils.

Dosage and time of application

Foliar application	
General	200-300 cc/hL. 2-3 applications
Olives, apple trees	300 cc/hL
Vegetables and Ornamentals	100-150 cc/hL
Beetroot	250 cc/hL
Citrus, cherry, peach and nectarine	250-300 cc/hL
Fertigation	
General	5-8 L/Ha

Net mass

1L = 1,285kg
5L = 6,43 kg
20L = 25,7 kg
200L = 257 kg
1000L = 1285 kg

Aminat Magnum

Amino acids

Guaranteed richness (%w/w)	
Free amino acids	72 %
Total nitrogen (N)	13%
Organic nitrogen (N)	12%
His (3.7%)-Ile (0.6%)-Leu (9%)-Lys (5.6%)-Met (0.6%)-Pro (2.8%)-Tyr (1.6%)-Thr (6.1%)-Val (5.2%)-Asp (7.6%)-Glu(6.3%)-Ala(10.2%)-Arg(1.8%)-Phe (4.7%)-Gly (3.5%)-Ser (2.4%)	

Class A: heavy metal content below the limits allowed for this classification.

Method of obtaining amino acids: acid hydrolysis of proteins of vegetable origin (soy).

What does it provide us?

Aminat Magnum is a purified compound that comes in the form of micro granules, based on a high content of amino acids and nitrogen. The product has been developed for use by foliar application or root treatment to promote crop growth and development. **Aminat Magnum** is especially indicated for use in order to overcome critical stages within the growth process or stressful situations.

It is especially recommended to stimulate the process of rooting, flowering, fruit formation, ripening and promote growth with respect to all types of crops (horticultural products, citrus, stone and seeds carrying fruit trees, plants, etc.)

Compatibility

Do not mix with mineral oils, products containing sulfur or copper and alkaline reaction products.

Net mass

1kg, 5kg, 20kg

Dosage and time of application

Crops	Foliar application	Fertigation
Citrus and fruit trees	100-200 g/hl. Apply various treatments in times of great need of the crop.	2-4 kg/ha. Divided into several applications
Vegetables	50-150 g/hl. Apply various treatments in times of great need of the crop	1-4 kg/ha. Divided into several applications
Flowers and ornamental plants	100-200 g/hL	1.5-3 kg/ha, 2-3 applications
Tropical fruit trees	100-200 g/hl	2-4 kg/ha, 2-3 applications

Aminat Silica

Liquid mixture based on silicon and amino acids

Guaranteed richness (%w/w)	
Amorphous silicon oxide (SiO_2) suspended in water	20 %
Free amino acids	6,6 %
Total nitrogen (N)	1,4 %
Organic nitrogen (N)	1,4 %
Gly (6.6%).	

Class A: Heavy metal content below the limits allowed for this classification.

What does it provide us?

Aminat Silica is a nutritional supplement that contains various active ingredients responsible for the regeneration of the plant that suffers biotic stress caused mainly by bacteria and viruses.

Aminat Silica promotes the formation and proliferation of meristematic cells, as well as mechanisms to restructure cells damaged by fungi and bacteria or the use of chemicals that damage plant tissues. The **Aminat Silica** formula contains fermented graminoid species, that are rich in polyunsaturated fatty acids, vital cell membrane components, polyphenols, ATP precursors, glutathione precursors and rich sources of amino acids. The amino acids in this formula do not act by biostimulating growth, but as regenerators of vascular tissues and scars.

Compatibility

Aminat Silica is unstable in contact with acids and metals.

Dosage and time of application

Dosage:
Vegetables, fruit trees, citrus and subtropical trees. Perform several treatments depending on the level of the disease, approximately every 8-10 days during the whole crop cycle, especially after wet conditions.
Foliar:
100 -150 liters/ha
Root application:
2 -2,5 liters /ha

Net mass

1L = 1,29 kg
5L = 6,43 kg
20L = 25,84 kg
1000L = 1292 kg

Aminat I

Amino acids

Guaranteed richness (%w/w)	
Free amino acids	32,6 %
Total Nitrogen (N)	8,4 %
Organic nitrogen (N)	4,7 %
Ammoniacal nitrogen (N)	1,4 %
Urea nitrogen (N)	1,4 %
His-Ile-Leu-Lys (5.7%)-Met-Pro-Tyr-Thr-Trp-Val-Asp-Glu (18.7%)-Ala-Arg-Phe-Gly (6.71%).	

Salmonella: Absent in 25 g of processed product

Escherichia coli: <1000 most probable number (MPN) per gram of processed product.

Class A: heavy metal content below the limits allowed for this classification.

What does it provide us?

Aminat-I is a formulated product with high concentration of free amino acids obtained by acid hydrolysis of plant matter. The elements contained in this product serve as a source of rapid nitrogen supply.

Aminat-I contains a balanced aminogram that allows its use at any time during crop development. This product is especially recommended in cold periods, as it promotes the development of the crop, reinforcing the vigor of the plants. It is also recommended to encourage the development of crops during their early stages (young or recently transplanted plants), during critical stages of growth.

Compatibility

Do not mix with bases in general, with sulfates or phosphates. Do not mix with fertilizers high in copper, sulfur, minerals or oils.

Net mass

1L = 1,24 kg
5L = 6,22 kg
20L = 24,88 kg
1000L = 1244 kg

Dosage and time of application

Foliar application (2-4 applications)	
Citrus, fruit and olive trees, grapes:	200 a 300 cc/hL
Vegetables:	150 a 200 cc/hL
Ornamental::	100 a 150 cc/hL
Rice, Cotton, Corn and Alfalfa:	200 a 250 cc/hL
Potato and beetroot:	
Fertigation	
Citrus, fruit, olive and grape trees:	20 to 40 l/ha to be divided into several applications
Vegetables:	
Ornamental:	
Banana and tropical crops:	40 to 80 l/ha to be divided into several applications
Strawberry:	1 to 3 l/ha to divide into several applications
Cereals, Cotton, Alfalfa and Beetroot:	10 to 20 l/ha per application in 4-6 applications

Aminat-I Plus

Fertilizer with amino acids K 8

Declared content (% w/w)	
Free amino acids	20 %
Total nitrogen (N)	8 %
Organic nitrogen (N)	1,2 %
Ammoniacal nitrogen (N)	2,2 %
Urea nitrogen (N)	4,6 %
Water-soluble potassium oxide (K_2O)	8 %
Chloride	6,2 %
pH	4,3

Class A: heavy metal content below the permitted limits for this classification.

Origin of amino acids:
acid hydrolysis of vegetable proteins (100% soy).

Aminogram: Histidine (0,07 %), Valine (0.07 %), Isoleucine (0,5 %), Aspartic acid (1,09 %), Leucine (0.42 %), Glutamic acid (1,08%), Lysine (4,14 %), Alanine (0,95 %), Methionine (1,1 %), Arginine (1,1 %), Proline (1,89 %), Phenylalanine (0,66 %), Tyrosine (1,64 %), Glycine (13,32 %), Threonine (0,48 %), Serine (1,4 %), Cysteine (0,13 %).

What does it provide us?

Aminat-I Plus is a fertilizer made with high concentration of free amino acids obtained by acid hydrolysis of plant matter. The elements contained in this product function as a source of rapid supply of nitrogen and potassium. Therefore, it contains a balanced aminogram that allows its use at any time during the development of the crop.

Aminat-I Plus is recommended to promote the development of crops during their early stages (young or recently transplanted plants), during the critical stages of growth, so that they can develop with more strength and adequate nutrient intake.

Compatibility

Do not mix **Aminat-I Plus** with oils, sulphur, alkaline pH products, or copper, except in olive groves.

Net mass

1L = 1,23 kg
5L = 6,15 kg
20L = 24,6 kg
1000L = 1232 kg

Dosage and time of application

Foliar application	
Citrus, fruit trees, olive trees and grapes	200 - 300 cc/hL.
Vegetables:	150 - 200 cc/hL.
Ornamental:	100 - 150 cc/hL.
Cereals, Cotton, Alfalfa and Beetroot	200 - 250 cc/hL.
Wheat, Corn, Sunflower and Soybeans	150 - 250 cc/hL.

Fertigation	
Citrus, fruit, olive and grape	20-40 l/ha to be divided into several applications.
Vegetables	
Ornamental:	
Banana and tropical crops	40-80 l/ha to be divided into several applications.
Milling:	1-3 l/ha to be divided into several applications.
Cereals, Cotton, Alfalfa and Beetroot:	10-20 l/ha to be divided into 4-6 Applications.
Wheat, Corn, Sunflower and Soybeans	10-20 l/Ha to be divided into 2-4 applications

Natur Gordo

Solid fertilizer NK (Ca) 5-26 (3,8) with seaweed extract and amino acids

Guaranteed richness (%w/w)	
Free amino acids	2,8 %
Total nitrogen (N)	5 %
Organic nitrogen (N)	0,6 %
Water-soluble potassium oxide (K_2O)	26 %
Water-soluble calcium oxide (CaO)	3,8 %
Mannitol	1,2 %

His-Ile-Leu-Lys-Met-Pro-Tyr-Thr-Trp-Val-Asp-Glu-Ala-Arg-Phe-Gly-Ser.

Obtaining amino acids:
acid hydrolysis of vegetable proteins 100% (cereals and soybeans).

Class A: heavy metal content below the limits allowed for this classification.

What does it provide us?

Natur Gordo is a solid soluble mixture of nutritional elements with amino acids (lysine, glycine, etc.) and seaweed, favoring the synthesis of proteins and carbohydrates. They intervene directly in the fattening and filling of fruits.

Natur Gordo improves cell division in fruits. Its application has an effect on the size and specific weight of the fruits.

Compatibility

Natur Gordo is compatible with most phytosanitary products, do not mix with oils, very acidic or very alkaline products.

Net mass 0,5 kg, 1 kg, 5 kg

Dosage and time of application

Crop	Foliar	Root	Dose
Eggplant, cucumber, pepper	250-300 g/hl	3-4 kg/ha	Apply every 7-10 days after fruit set of the first fruits, until the end of the crop
Courgette	200-300 g/hl	3-4 kg/ha	Apply every 7-10 days after fruit set of the first fruits, until the end of the crop
Citrus	250-300 g/hl	4-5 kg/ha	Perform the 1st treatment, at the beginning of fattening (after thinning of fruits), 2nd treatment 30-40 days later.
Strawberry	250-300 g/hl	3-4 kg/ha	Perform the 1st treatment at the beginning of fattening of first fruits; subsequent treatments after the setting of the following fruitings
Fruit	250-300 g/hl	4-5 kg/ha	Perform the 1st treatment, at the beginning of fattening (after thinning of fruits); 2nd treatment, 15-20 days before collection.
Bean	200-250 g/hl	3-4 kg/ha	Apply every 7-10 days after fruit set of the first fruits, until the end of the crop
Melon and watermelon	200-300 g/hl	3-4 kg/ha	Perform the 1st treatment with egg-sized fruit (after removing the hives), 2nd treatment 15-20 days later.
Olive tree	250-300 g/hl	4-5 kg/ha	Apply along with autumn treatments.
Tomato	250-300 g/hl	4-5 kg/ha	Apply every 7-10 days from the 2nd-3rd bunch
Grapevine	250-300 g/hl	4-5 kg/ha	Apply at the time of full fattening
Other crops	250-300 g/hl	4-5 kg/ha	Apply at times of growth and fattening of fruits.

Seaweed

- Algamax-P
- Algamoto
- F-16
- Natlag Zn-Mn
- Natur Colortac

Algamax-P

Solid seaweed extract

Guaranteed richness (%w/w)	
Alginic acid	10,8 %
Mannitol	3,7 %
Water-soluble potassium oxide (K_2O)	19,6 %
Total nitrogen (N)	2,3 %
Seaweed extract (*Ascophyllum nodosum*)	100 %

Salmonella spp:
Absent in 25 grams of processed product.

Escherichia coli:
< 1,000 most probable number (MPN) per gram of processed product.

Clase A: heavy metal content below the limits allowed for this classification.

What does it provide us?

Algamax-P is a seaweed extract of *Ascophyllum nodosum* 100% that confers to the plant various natural metabolites in high concentration that have as a common characteristic to favor the strengthening of the plant. It is a 100% water-soluble product, developed for the activation of enzymatic and metabolic processes.

Algamax-P promotes the development of budding root tissue, as well as the development of more vigorous shoots with higher chlorophyll content. It stimulates a uniform flowering with a higher content of viable pollen, stimulates fruit set and protects from abortive processes, favors homogeneous fattening of the fruit and increases the accumulation of reserve. Its high content of organic matter favors the development of the crop.

Compatibility

Algamax-P is not compatible with strong oxidants and cannot be exposed to high-temperature heating.

Net mass

100g, 200g, 250g, 500g, 1kg, 5kg, 20kg

Dosage and time of application

Used on vegetables, fruit trees, palm trees, flowers, field crops, forage crops, ornamentals, grass and golf courses, as follows:

Foliar application
Dilute the product 3000-4000 times in water and perform 3-4 continuous applications at intervals of 20 days.
Fertigation
1,5 - 2 kg/ha.
Root treatment
1 Tn of seeds is treated with 1-2kg of product.
Root treatment
Dilute 1kg of product 2500 – 3000 times in water and apply to the roots.

Algamoto

Liquid fertilizer with seawed extract

What does it provide us?

Algamoto is a 100% organic product that contains a high concentration of pure algae extract (*Ascophyllum nodosum)* that contributes to the plant with nitrogen and potassium, as well as secondary elements (magnesium, manganese, boron, zinc, copper etc.), essential for the proper development of vegetables. It also promotes the homogeneity of the fruits, allowing a suitable growth of these. It is recommended to use **Algamoto** from sprouting, in pre-flowering, flowering and in the stages of main development of the harvest.

Compatibility

Algamoto is compatible with all phytosanitary and nutritional products except those with very acidic pH.

Net mass

1L = 1,3 kg
5L = 6,49 kg
20L = 25,96 kg
1000L = 1298 kg

Guaranteed richness (%w/w)	
Mannitol	0,9 %
Alginic acid	3,8 %
Total nitrogen (N)	2,9 %
Water-soluble potassium oxide (K_2O)	7,3 %
Boron (B) soluble in water	0,2 %
Water-soluble copper (Cu)	0,08 %
Copper (Cu) chelated by EDTA	0,08 %
Water-soluble iron (Fe)	1,2 %
Iron (Fe) chelated by EDTA	1,1 %
Water-soluble manganese (Mn)	0,5 %
Manganese (Mn) chelated by EDTA	0,4 %
Water-soluble zinc (Zn)	0,5 %
Zinc (Zn) chelated by EDTA	0,4 %

Class A: Heavy metal content below the limits allowed for this classification

Dosage and time of application

Foliar application	
Fruit trees, Citrus	125-200 cc/100L at the beginning of sprouting, just before the fruit begins fattening.
Melon, watermelon, zucchini, cucumber	100 150 cc/100 L. As soon as the first 3-4 leaves appear.
Strawberry	150 - 200 cc/ 100L. As soon as rooting is done and when the first flowers appear.
Tomato and eggplant	100- 150 cc/100L. In seedlings and after transplantation.
Potato and onion	150 200 cc/100L. When the plants are 10-15 cm tall.
Lettuce and celery	200 cc/ 100 L. As soon as the first 3-4 leaves appear.
Grapes	150 cc/100L. From the extended leaves to the environment.
Banana	150 cc/100L. Applied with phytosanitary treatments.

F-16

Liquid fertilizer with seaweed extract PK12-16 with Molybdenum (Mo)

Guaranteed richness (%w/w)	
Mannitol	0,5 %
Water-soluble phosphorus pentaoxide (P_2O_5)	12,8 %
Water-soluble potassium oxide (K_2O)	17,4 %
Molybdenum (Mo) Soluble in water	0,2 %

Class A:
Heavy metal content below the limits allowed for this classification.

What does it provide us?

F-16 helps plant growth and development. It is made with natural extracts of seaweed *(Aschophyllum nodosum)* that favor the growth of the leaves, increasing the production and quality of the fruits. It is rich in phosphorus, vital in the transfer of energy in the plant and helps chemical reactions within the plant; and potassium, crucial for plant physiology

Compatibility

F-16 is compatible with all plant protection and nutritional products except those with acid pH.

F-16 is unstable in contact with acids, bases, oxidizing agents and metals

Net mass

1 L = 1,37 kg, 5 L = 6,84 kg , 20 L= 27,36 kg

Dosage and time of application

Foliar application		
Crops	**Dose (cc/100L.)**	**Moment of application**
Fruit trees, Citrus	150-200	At the beginning of sprouting, just before adjustment and the fruit begins fattening.
Melon, watermelon, zucchini and cucumber	100-150	As soon as the first 3-4 leaves appear. Apply the treatment regularly every 10-12 days.
Potato and onion	150	When plants are 10-15 cm tall
Tomato and eggplant	100-150	In seedlings and after transplantation
Strawberry	150	As soon as rooting is done and when the first flowers appear

Natlag Zn-Mn

Liquid fertilizer with seaweed extract with micronutrients

Guaranteed richness (%w/w)	
Mannitol	0,12 %
Water-soluble manganese (Mn)	8 %
Manganese (Mn) chelated by LS	8 %
Water-soluble zinc (Zn)	6 %
Zinc (Zn) chelated by LS	6 %
Seaweed extract *(Ascophyllum nodosum)*	100%
Conductivity	2,68 dS/m

pH range in which good stability of the chelated fraction is guaranteed:
pH between 4.5 and 9

Class A:
heavy metal content below the limits allowed for this classification

What does it provide us?

Natlag Zn-Mn is a fertilizer formulated with seaweed extract *(Ascophyllum nodosum)* and chelated microelements (Zn and Mn). Its application (foliar or fertigation) serves for preventive or curative treatments in both vegetables and fruit trees.

Natlag Zn-Mn is developed for the activation of enzymatic processes that contribute to the formation of proteins involved in the different physiological states of the plant. Zinc and manganese are two essential microelements for the formation of chlorophyll and photosynthesis, in addition Zinc allows to avoid the destruction of auxins and Manganese is a catalyst for the reduction of oxidation reactions in various metabolic processes

Compatibility

Natlag Zn-Mn cannot be mixed with sulfur or alkaline products (bases).

Net mass

1L = 1,49 kg
5L = 7,44 kg
1000L = 1487 kg

Dosage and time of application

Foliar application	
Citrus:	250 500 cc/hl. 2-3 applications.
Grapes, Olive and Fruit Trees:	200 350 cc/hl. 2-3 applications.
Horticulture, strawberries and ornamental trees:	250 400 cc/hl
Cereals:	250- 350 cc/hl. 1-2 applications.
Fertigation	
3 -5 l/ha. 2 -3 applications	
Hydroponics	
25 nutrient solution of 35 cc/m^3	

Natur Colortac

Liquid fertilizer with seaweed extract and amino acids

Guaranteed richness (%w/w)	
Free amino acids	6 %
Total nitrogen (N)	3 %
Organic nitrogen (N)	2,8 %
Water-soluble phosphorus pentaoxide (P_2O_5)	2,7 %
Water-soluble potassium oxide (K_2O)	8 %
Mannitol	1%
Seaweed extract *(Ascophyllum nodosum)*	100%
Arg (2%) - Gly(2%) - Lys (2%)	

Class A:
heavy metal content below the limits allowed for this classification.

What does it provide us?

Natur Colortac is a blend of PK with pure seaweed extract of *Ascophyllum nodosum* and amino acids of vegetable origin.

- Color induction: Uniformizes and improves the color of fruits, improving the opportunities for classification and marketing of the genus.

- Increases the volume of early production that allows you to go to market earlier and with more fruit, a key factor to maximize your profitability.

- Uniformity of harvest: Facilitates work and reduces labor costs.

- Promotes the ripening of the fruit through an exclusive mode of action This does not unbalance the crop giving it a longer life.

- It does not shorten the life after harvest, gives quality and firmness to the tissues and prevents losses due to dehydration.

Dosage and time of application

Foliar application		
Table grapes	2-2,5 cc/L	Use 2-3 applications from the beginning of veraison every 12-15 days.
Strawberry, blueberry and blackberry	2-2,5 cc/L	Use every 10-15 days with the appearance of the first fruits.
Citrus and fruit trees	2-2,5 cc/L	Use 2-3 applications, Apply 1 week before the color change of the fruit, repeating 15 days later.
Apple, pear, peach, nectarine and cherry	2-2,5 cc/L	Use 2-3 applications from the beginning of the veraison Every 12-15 days.
Olive trees and vegetables.	2-2,5 cc/L	Use 2-3 applications from the beginning of veraison

Compatibility

Natur Colortac is compatible with most fertilizers and phytosanitary products. Before preparing the final mixture, do a compatibility test.

Net mass

1L = 1,3 kg
5L = 6,5 kg
20L= 25,8kg
1000L = 1290 kg

Specials

- Natur Chito
- Natur Cuaje
- Natur Innova
- Natur Proline

Natur Chito

Basic substance chitosan

Guaranteed richness (%w/w)	
Chitosan	5 %

What does it provide us?

Natur Chito is a formulation based on concentrated glucosamine extract (chitosan), obtained from the exoskeleton of crustaceans and mollusks.

Natur Chito is a broad-spectrum elicitor that has both bactericidal and fungicidal action. It is a product that can be used both in pre-harvest of established crops and in seed disinfection treatments. It does not contain residues and decomposes easily so it does not generate resistance problems. On the other hand, its optimal degree of acetylation increases the therapeutic window of the product in the cultures avoiding any type of burn or physiopathy.

Compatibility

Natur Chito Do not mix with acid or alkaline reaction products. In case of mixtures consult the product compatibility table or contact the company's technical service

Net mass

1L = 1,01 kg
5L = 5,05 kg
20L = 202 kg
1000L = 1010 kg

Dosage and time of application

Crops	Application No. min-max	Foliar
Forest fruits, fruits and small fruits	4-8	Inducer of resistance against fungi and bacteria, 50-200 g / hl, apply in foliar spray in 200-400 L / ha of water with a maximum of 100-800 g of a.i/ha and treatment, applying from the development of the 1st leaf to the development of the fruit. PS: 0 days
Cereals		Inducer of resistance against fungi and bacteria, 50-100 g / hl, apply in foliar spray in 200-400 L / ha of water with a maximum of 100-400 g of a.i/ha and treatment, applying from the development of the 1st leaf to the development of the fruit. PS: 0 days
Vegetables, spices		
Crops for animal feed		
Cereal seed	1	Inducer of resistance against fungi and bacteria, 50-100 g / hl, apply by spray in seed treatment before sowing. PS: 0 days.
Potato seed		
Sugar beet seed		
Ornamental bulbous plants		Treatment of bulbs-immerse / soak: Inducer of resistance against fungi and bacteria, 50-100 g / hl, apply in foliar spray in 200-800 L / ha of water with a maximum of 100-800 g of a.i/ha and treatment, applying from germination.
Beet crops	1-8	Inductor of resistance against fungi and bacteria, 50-200 g / hl, apply in foliar spray in 200-400 L / ha of water with a maximum of 100-800 g of a.i/ha and treatment, applying from the development of the leaves.
Fertiirrigation		
2-3 L/ha Apply via irrigation with the available system. The 1st application will be made 2 or 3 weeks after planting, depending on the type of crop in question, and whenever necessary		

Natur Cuaje

Solid Fertilizer NPK 3-27-10 with Seaweed extract with micronutrients

Guaranteed richness (%w/w)	
Total nitrogen (N)	3 %
Ammoniacal nitrogen (N)	2,6%
Water-soluble phosphorus pentaoxide (P_2O_5)	27 %
Phosphorus pentaoxide (P_2O_5) soluble in neutral ammonium citrate	27%
Water-soluble potassium oxide (K_2O)	10 %
Water-soluble boron (B)	2,1 %
Water-soluble cobalt (Co)	0,3 %
Water-soluble molybdenum (Mo)	3 %
Water-soluble zinc (Zn)	3,5 %
Mannitol	2,6 %
Seaweed extract *(Ascophyllum nodosum)*	5,8

What does it provide us?

Natur Cuaje is a soluble solid product containing NPK, boron and molybdenum with zinc and cobalt. The content of the seaweed extract *Ascophyllum nodosum* makes **Natur Cuaje** a highly effective product in relation to the biological processes of plants.

Natur Cuaje is a product specifically prepared to supply those elements that the plant requires for the induction of fruit adjustment.

Compatibility

Natur Cuaje is compatible with most plant protection products, do not mix with oils, strongly alkaline or calcium-containing products.

Net mass

1kg

5kg

Dosage and time of application

Crops	Fertigation	Dose
Tomato	150 - 200 g/hl	Branch. Apply every 7 - 10 days
Pepper	150 - 200 g/hl	After the first flowers until the end of the crop, every 7 - 10 days
Cucumber	200 - 250 g/hl	After the first appearance of flowers, until the end of cultivation, every 7 - 10 days
Courgette	150 - 200 g/hl	After the first appearance of flowers, until the end of cultivation, every 4 - 10 days
Beans	150 - 200 g/hl	After the appearance of flowers until the end of cultivation, every 7 - 10 days
Melon	150 - 200 g/hl	1. Treatment with the first appearance of flowers, 2. Treatment during bee activity
Eggplant	200 - 250 g/hl	After the appearance of the first flowers until the end of the crop, every 7 - 10 days
Strawberries	150 - 200 g/hl	After the appearance of the first flowers and each time with new flowers
Fruit trees	150 - 200 g/hl	1. Treatment with the appearance of the first flowers, 2. Treatment after the fall of the petals
Citrus	150 - 200 g/hl	1. Treatment with the appearance of the first flowers, 2. Treatment after the fall of the petals
Olive tree and grape	150 - 200 g/hl	Along with pre-flow treatments
Other crops	150 - 200 g/hl	At the time of flow

Natur Innova

Potassium solution

Guaranteed richness (%w/w)	
Water-soluble potassium oxide (K20)	10 %

What does it provide us?

Natur Innova is an emulsifiable liquid formulation prepared to be used with conventional spraying devices, from the beginning of the color change of the fruit until shortly before harvest. This makes it possible to reduce the number of harvests.

Potassium plays a crucial role in plant enzymes, and **Natur Innova** excels at encouraging the natural development of color in fruits without causing their premature softening or early aging.

Natur Innova contains the same natural substances that the fruits themselves produce to develop their color, resulting in a uniform and authentic coloration, without any negative impact on the quality of the final product.

Compatibility

Natur Innova do not mix with other products. No apply with temperatures above 33° or when temperatures are going to be high during the following hours or days, that is, when a heat wave is expected. Do not apply when plants are suffering from any type of thermal, water or saline stress.

Dosage and time of application

General	
We can apply 3cc/L in the full circle of coloring, the first with 10-25% of the color break, every 7-10 days.	
Grapes (Option 1)	If the production is normal, make 3 foliar applications at a rate of 2.5 cc/L, being: 1. The application of spruce with clusters with 25-30% colored surface. 2. The second application 7 days after the first application. 3. The third application, 7 days after the second if necessary. If the production is intense, make 3 foliar applications at a rate of 3 cc/L, being: 1. The application of spruce with clusters with 25-30% colored surface. 2. The second application 7 days after the first application. 3. The third application, 7 days after the second if necessary.
Grapes (Option 2)	If the production is normal, make 2 foliar applications at a rate of 2.5cc/L, being: 1. The first application with clusters with 25-30% coloured surface. 2. The second with clusters with 60-65% of the surface colored. If the production is intense, make 2 foliar applications at a rate of 3 cc/L, being: 1. The first application with clusters with 25-30% coloured surface. 2. The second with clusters with 60-65% of the surface colored.
Apples	Make 2 applications per foliar application at a rate of 2.5-3 cc/L, being: 1. The first application 20-25 days before harvest. 2. The second application, 10-12 days before harvest.
Stone fruits (cherries, peach...)	Make 2 applications per foliar application at a rate of 2.5-3 cc/L, being: 1. The first application with 20-25% of the color break. 2. The second application, 7-8 of the first.

Net mass

1L = 1,19 kg, 5L = 5,9 kg, 20L = 23,8 kg

Natur Proline

Amino acid fertilizer K 20

Guaranteed richness (%w/w)	
Free amino acids	3,5 %
Total nitrogen (N)	0,4 %
Organic nitrogen (N)	0,4 %
Water-soluble potassium oxide (K_2O)	20 %
Chloride	0 %
Pro (3,5%)	

Process of obtaining amino acids:
fermentation of bacteria
Coryne bacterium glutamicum TS31.

Class A:
heavy metal content below the limits allowed for this classification.

What does it provide us?

Natur Proline improves the quality of production and harvest. Its particular formula provides the product with high efficiency at fundamental moments of the vegetable cycle, thus obtaining a higher harvest quality.

Natur Proline is especially suitable for fruits and table grapes for the ripeness phase.

Natur Proline improves fruit quality parameters, such as sugar content, colour and production parameters: fruit size and weight.

Compatibility

Natur Proline cannot be mixed with other products

Net mass

1L = 1,37 kg
5L = 6,87 kg
20L = 27,46 kg
1000L = 1373 kg

Dosage and time of application

Foliar application	
Citrus and fruit trees	250 - 300 cc/hl, In 2-3 applications.
Grapes	250 - 300 cc/hl, In 2-3 applications.
Strawberry, horticultural and industrial:	200 - 300 cc/hl, In 2-3 applications.
Fertigation	
Citrus and fruit trees	During the fattening, ripening and coloring stages of the fruit
Strawberry, horticultural and industrial:	From fruits, roots and others begin to accumulate sugars.
Olive trees	During fruit growth.
Ornamental	Pre and post-flowering.
Grape	At the time of fattening the fruit or before a week. Before harvest 45 Days, 30 Days and 15 Days.

Rooters

- Rooter
- Rooter Plus

Rooter

Liquid seaweed extract

Guaranteed richness (%w/w)	
Alginic acid	2,5 %
Mannitol	0,8 %
Water-soluble potassium oxide (K_2O)	5,1 %
Total nitrogen (N)	2,3 %
Free amino acids	1,1 %
Conductivity	52,2 dS/m

Class A:
heavy metal content below the limits allowed for this classification.

What does it provide us?

Rooter is an *Ascophyllum Nodosum* seaweed fertilizer concentrated with natural plant extracts and saccharides that improve root growth, with a base of seaweed extract, organic matter that promotes primary rhizogenesis

Rooter provides nitrogen to the plant.

Rooter, effects and results: fast and efficient exploration of the soil, improvement of water use efficiency, improvement of nutrient uptake, plant vigor and balanced plant growth. The content works as a source of energy.

Compatibility

Rooter cannot be mixed with alkaline pH products

Net mass

5L = 6,23kg
200L = 2454 kg
1000L = 1225 kg

Dosage and time of application

Traditional irrigation	
2-3 L/ha per application	Every 10-15 days
Fertigation	
2-5 L/ha	Every 10-15 days
Hydroponics	
2-3 L in 100 m^3 solution	Punctual applications: 200 cc/Ha

Rooter Plus

Liquid seaweed extract

Guaranteed richness (%w/w)	
Alginic acid	2,7 %
Mannitol	0,8 %
Water-soluble potassium oxide (K_2O)	5,1 %
Total nitrogen (N)	2,4 %
Free amino acids	1,1 %
Conductivity	48 dS/m

Class A:
heavy metal content below the limits allowed for this classification

What does it provide us?

Rooter Plus is an *Ascophyllum Nodosum* seaweed fertilizer concentrated with natural plant extracts and saccharides that improve root growth, with a base of seaweed extract, organic matter that promotes primary rhizogenesis.

Rooter Plus provides nitrogen to the plant.

Rooter Plus, effects and results: fast and efficient exploration of the soil, improvement of water use efficiency, improvement of nutrient uptake, plant vigor and balanced plant growth. The content works as a source of energy.

Compatibility

Rooter Plus cannot be mixed with alkaline pH products.

Net mass

5L = 6,19 kg
200L = 247,4 kg
1000L = 1237 kg

Dosage and time of application

Traditional irrigation	
2-3 L/ha per application	Every 10-15 days
Fertigation	
2-5 L/ha	Every 10-15 days
Hydroponics	
2-3 L in 100 m^3 solution	Punctual applications: 200 cc/Ha

Soluble NPKs

- Natur 20-20-20
- Natur 18-18-18

Natur 20-20-20

NPK 20-20-20 fertilizer with micronutrients

Guaranteed richness (%w/w)	
Total nitrogen (N)	19,3 %
Nitric nitrogen (N)	6,1 %
Ammoniacal nitrogen (N)	4 %
Urea nitrogen (N)	9,2 %
Water-soluble phosphorus pentaoxide (P_2O_5)	20,8 %
Phosphorus pentaoxide (P_2O_5) soluble in neutral ammonium citrate and in water	20,8 %
Water-soluble potassium oxide (K_2O)	21,7 %
Water-soluble boron (B)	0,1 %
Water-soluble molybdenum (Mo)	0,15 %
Water-soluble zinc (Zn)	0,009 %

What does it provide us?

Natur 20-20-20 is an NPK fertilizer for highly water-soluble fertigation with a high degree of purity. The 1:1:1 NPK ratio makes it versatile and balanced for use throughout the vegetable development cycle. By providing easily assimilated nitrogen, phosphorus and potassium, it guarantees complete plant nutrition and enhances growth and productivity.

Compatibility

Do not mix with very alkaline products.

Net mass

0,25 kg,
0,5 kg,
1 kg,
5 kg,
25 kg,
1000 kg.

Dosage and time of application

Fertigation	
Concentration in irrigation water: 0.5 - 2 g/l.	
Citrus and fruit trees	10-25 kg/ha and application
Horticultural crops	10-25 kg/ha and application
Flowers and ornamental plants	10-15 kg/ha and application
Tropical fruit trees	10-25kg/ha and application
Olive trees and vineyards	10-25 kg/ha and application

Natur 18-18-18

NPK 18-18-18 fertilizer with micronutrients

Guaranteed richness (%w/w)	
Total nitrogen (N)	18 %
Nitric nitrogen (N)	5 %
Ammoniacal nitrogen (N)	7,3 %
Urea nitrogen (N)	5,7 %
Water-soluble phosphorus pentaoxide (P_2O_5)	18 %
Phosphorus pentaoxide (P_2O_5) soluble in neutral ammonium citrate and in water	18 %
Water-soluble potassium oxide (K_2O)	18 %
Water-soluble boron (B)	0,02 %
Water-soluble manganese (Mn)	0,02 %
Water-soluble molybdenum (Mo)	0,05 %
Water-soluble zinc (Zn)	0,05 %

What does it provide us?

Natur 18-18-18 is an NPK fertilizer for highly water-soluble fertigation with a high degree of purity. The 1:1:1 NPK ratio makes it versatile and balanced for use throughout the vegetable development cycle. By providing easily assimilated nitrogen, phosphorus and potassium, it guarantees complete plant nutrition and enhances growth and productivity.

Compatibility

Do not mix with very alkaline products.

Net mass

0,25 kg,
0,5 kg,
1 kg,
5 kg,
25 kg,
1000 kg.

Dosage and time of application

Fertigation	
Concentration in irrigation water: 0.5 - 2 g/l.	
Citrus and fruit trees	10-25 kg/ha and application
Horticultural crops	10-25 kg/ha and application
Flowers and ornamental plants	10-15 kg/ha and application
Tropical fruit trees	10-25kg/ha and application
Olive trees and vineyards	10-25 kg/ha and application

Salinity corrector

- Natur Sal
- Sal Complex

Natur Sal

Complexed calcium solution

Guaranteed richness (%w/w)	
Water-soluble calcium oxide (CaO)	10%
Calcium oxide (CaO) complexed by LS	10%

pH range in which good stability of the complexed fraction is guaranteed: pH between 2 and 10

What does it provide us?

Natur Sal is a liquid product formulated with soluble calcium complex with organic acids that is responsible for repairing calcium deficiency in plants. This essential macronutrient for vegetables is responsible for root growth and improving fruit quality, as it is crucial at the structural level for the plant, providing rigidity to the cell walls. In addition to the above, it participates in numerous physiological processes. It is developed to reduce the negative effects of excess sodium (Na) dedicated to soil and irrigation water.

Compatibilidad

Natur Sal cannot be mixed with mineral oils, iron chelates and highly acidic reaction products. Unstable in contact with acids, bases and oxidizing agents.

Net mass

1L = 1,3 kg
5L = 6,5kg
20L = 26kg
1000L = 1300kg

Dosage and time of application

According to the characteristics of the soil:	
Compact and waterproof terrain:	20 - 40 L/ha
Sodic and cracked soils:	40 - 60 L/ha
Rising problems:	50 - 60 L/ha distributed during the rearing cycle
Normal terrain:	2,5 - 5 L/ha every 1 to 2 weeks during fruit development
According to the characteristics of the water:	
Average saline water (1,5gr/L):	12 - 25 cc/m^3 of water
Saline water (1.5 to 2.5gr/L):	35 cc/m^3
Very saline water (more than 2,5g/L):	60 cc/m^3

Sal Complex

Fertilizer NK (Ca) 6-13 (11)

Guaranteed richness (%w/w)	
Total nitrogen (N)	6,5 %
Nitric nitrogen (N)	5,1 %
Ureic nitrogen (N)	1,4 %
Water-soluble potassium oxide (K_2O)	13,7 %
Water-soluble calcium oxide (CaO)	11,7 %
Calcium oxide (CaO) complexed by citric acid	11,7 %

pH range in which good stability of the complexed fraction is guaranteed:
pH between 3 and 11

What does it provide us?

Sal Complex is a solid formulation with high contents of Calcium and Potassium. It has been developed to activate the roots, optimize calcium and potassium nutrition, protect plants against salinity, condition the soil and improve the mechanisms of taking and transporting water and nutrients in the plant.

Sal Complex has a fast and marked effectiveness thanks to its content in Potassium and Calcium, to a high concentration of organic acids of low molecular weight. This formulation markedly improves the physiology of the plant and increases the resistance of crops to the stress caused by high salinity in the soil.

Compatibility

Avoid mixing with very alkaline products, such as NaOH and carbonates due to their reactivity and foaming.

Do not mix with fertilizers rich in sulfates, carbonates or phosphorus. Do not mix with amino acids, polyphosphates or trifluralins

Net mass

1 kg, 5 kg

Dosage and time of application

Root	
(Ornamental, horticultural, woody, citrus, etc.)	
To encourage root growth and calcium nutrition	Apply weekly 1-2 kg / ha
To protect the plant against salinity	Apply weekly 2-3 kg / ha

Chelates and correctors

- Cal Natur
- Magic Cal Flow
- Natur Boro
- Natur K30
- Natur Mn
- Natur Zn
- Natur Potásico
- Natur Sili-K

Cal Natur

Nitrogenous solution with secondary elementes N (Ca) 8 (15,5)

Guaranteed richness (%w/w)	
Total nitrogen (N)	8 %
Nitric nitrogen (N)	8 %
Water-soluble calcium oxide (CaO)	15,5 %

What does it provide us?

Cal Natur prolongs life after harvest, as it allows obtaining a more consistent fruit.

Cal Natur is indicated for the treatment of calcium assimilation disorders, to avoid or reduce the cracking of fruits and improve the conditions of their conservation, since it favors the consistency of the pulp of the fruit, to prevent putrefaction of the end of the flower, especially in tomato and pepper and for its correction in the first flowers. In medullary trees **Cal Natur** is effective against apical rot. In cotton it is used to control the capsules in early autumn.

Compatibility

Cal Natur cannot be mixed with mineral oils, copper, sulfur or alkaline reaction products. It is not advisable to mix it with manure containing phosphates

Net mass

1L = 1,39 kg
5L = 6,93 kg
200L = 277,2 kg
1000L = 1386 kg

Dosage and time of application

Foliar application		
2- 5 L/m^3. 1 - 6 treatments		
Fertigation		
General irrigation	1-4 l/m^3.	Throughout the cycle
Strawberry / Berries	300-1000 l/ha.	The entire crop cycle.
Citrus / Fruit trees	300-1000 l/ha.	Greater needs in acidic soils and low water in bicarbonates.
Industrial tomato/ Horticultural	200-600 l/ha.	The entire crop cycle.
Greenhouses	300-900 l/ha.	The entire crop cycle. Greater needs in fruiting.

Magic Cal Flow

Limestone amendment. Calcium carbonate

What does it provide us?

Magic-Cal Flow is a technologically advanced formulation with high calcium content, totally soluble in water. **Magic-Cal Flow** has been developed to meet the calcium requirements of crops under fertigation systems in soils, high conductivity soils, etc. It dissolves in the soil as an unsaturated complex where it tends to interact with the high salt content, saturates the clay-humic complex with calcium, while salts are removed from the complex, to facilitate leaching of salts, and meet calcium requirements in acidic soils.

Magic-Cal Flow is indicated for crops with high calcium requirements and in plantations of citrus, fruit trees, vegetables, ornamental and industrial crops, industrial tomato, olive and strawberry that require soil amendment.

Compatibility

It is not advisable to mix **Magic-Cal Flow** with other products in fertigation systems. Once the product has been applied, the drip and/or injection systems should be washed well with water in order to avoid possible obstructions of the fertigation systems.

Net mass

5 L = 8,42 kg, 10 L = 16,83 kg

Guaranteed richness (%w/w)	
Total calcium oxide (CaO)	35 %
Neutralizing value	35 %

Granulometric classification: Ground

Dosage and time of application

Crop	Dosage (L/ha)	Time of foliar application
Pomaceae.	30 - 35	Distributed in doses of 5 to 7 L / ha / week via irrigation.
Cherry, Plum, Walnut, Almond, Peach, Nectarine	35 - 40	Distributed in doses of 7 to 10 L / ha / week via irrigation.
Blueberry, Raspberries.	35 - 40	Distributed in doses of 7 to 10 L / ha / week via irrigation.
Strawberry.	35 - 40	Distributed in doses of 3 to 5 L / ha / week via irrigation.
Grapevine	30	Distributed in doses of 6 L / ha / week via irrigation.
Citrus and Avocados.	30	Distributed in doses of 3 to 6 L / ha / week via irrigation.
Vegetables.	30	Distributed in doses of 3 to 6 L / ha / week via irrigation.
Standard dose per hectare:		30 a 50 L/ha.
Dosage to improve soil:		
Medium texture soil:		35 L/ha
Heavy texture floors:		45 L/ha
Saline soils:		45 a 60 L/ha
Sodium saline soil:		60 L/ha
Acidic soil:		35 a 45 L/ha

To increase the level of calcium in the fruit, apply early in the season and repeat in full bloom. 10 L of MAGIC CAL FLOW provide 6 units of water-soluble CaO.

Natur Boro

Borated fertilizer in solution. Boron ethanolamine

Guaranteed richness (%w/w)	
Water-soluble boron (B)	11 %

What does it provide us?

Natur Boro is a complex liquid corrector of boron deficiency, which will be used in foliar and root spraying, formulated with complex agents that makes it fully assimilable by the plant.

Natur Boro is a nutritional supplement with a source of boron and rapid assimilation, preventive treatments and/or treatments for the modification of deficiencies. The availability of boron to the plant has an effect on calcium absorption and transport.

Compatibility

Natur Boro cannot be mixed with oils, manganese sulphate, zinc sulphate and calcium salts.

Net mass

1 L = 1,37 kg
5L = 6,86 kg
20 L = 27,42kg
1000 L= 1371 kg

Dosage and time of application

Foliar application		
Fruit and citrus trees	150 - 250 cc/hl.	2-3 applications, post-flowering and fruit set
Olive tree	200 - 300 cc/hl.	15-20 days before flowering
Sunflowers	250 - 400 cc/hl.	After the appearance 5-6 leaves
Grape	200 - 300 cc/hl.	Preflowering and after fruit setting
Sugar beet	200 - 300 cc/hl.	After appearance 6-8 leaves
Strawberry	150 - 250 cc/hl.	On the white background and before flowering
Fertigation		
1.5 - 4 L/ha		

Note: Use only in case of recognized need.
Do not exceed the appropriate doses.

Natur K30

Potassium solution K30

Guaranteed richness (%w/w)	
Water-soluble potassium oxide (K_2O)	30 %
Chlorides	0 %

What does it provide us?

Natur K30 is a potassium solution of 300 g/L of potassium oxide. Potassium of easy absorption and developed both for foliar applications and for fertigation. It is a fertilizer high in potassium oxide. It presents an ideal formulation to complement the nutrition of the crop in stages of fruit development.

Compatibility

Compatible with most common plant protection products. In case of doubt, perform a previous test.

Net mass

1L = 1,4 kg
5L = 6,9 kg
200 L = 275,8 kg
1000 L = 1379 kg

Dosage and time of application

Foliar application
250-500 ml/hl per application
Fertigation
80-100 L/ha, divided into several applications (400-700 ml/m^3)

Note: In general, it can be used in any crop, especially when you want to favor the development of the fruit or reserve organs of the plant with an increase in the yields of the quality and quantity parameters dependent on them. In olive groves, it is recommended to apply in autumn treatments to increase the oil yield of the fruit.

Natur Mn

Complexed manganese solution

Guaranteed richness (%w/w)	
Water-soluble manganese (Mn)	7%
Manganese (Mn) complexed by gluconic acid	7%

pH range in which good stability of the complexed fraction is guaranteed: pH between 2 and 9

What does it provide us?

Natur Mn is a water-soluble liquid fertilizer, it is recommended to prevent and correct the lack of manganese, an essential element for the growth and flowering of plants.

Natur Mn is required for cellular respiration and to maintain balanced growth throughout the crop cycle, favors nitrogen assimilation and protein synthesis and contributes to the improvement of root system formation and plant metabolism.

Compatibility

Natur Mn is not mixed with mineral oils and alkaline reaction products.

Net mass

1L = 1,302 kg
5L = 6,51 kg
200 L = 26,04 kg
1000 L = 1302 kg

Dosage and time of application

Foliar application	
Fruit and citrus trees	Overall: 200-300 cc/hl
Vegetable and ornamental	
Rice, maize and wheat	
Grape	
Fertiirrigación	
Root track: 4-8L/Ha	

Note:
Use only in case of recognized need.
Do not exceed the appropriate doses

Natur Zn

Complexed Zinc solution

Guaranteed richness (%w/w)	
Water-soluble zinc (Zn)	7,5%
Zinc (Zn) complexed by gluconic acid	7,5%

pH range in which good stability of the complexed fraction is guaranteed: pH between 2 and 9.

What does it provide us?

Natur Zn is inorganic fertilizer, allows to prevent and correct the lack of Zinc, promote growth and avoid citrus foliocellosis, stimulates the development of the terminal bud (short internodes) and allows the development of leaves, contributes to photosynthesis and the formation and action of chlorophyll and increases flowering.

Natur Zn improves the coloration, size and number of fruits and thus increases crop yields.

Compatibility

Natur Zn is not mixed with mineral oils and alkaline reaction products

Net mass

5L = 6,44 kg

Dosage and time of application

Foliar application	
Fruit and citrus trees	Overall: 200-300 cc/hl
Vegetable and ornamental	
Rice, maize and wheat	
Grape	
Fertigation	
Root track: 4-8L/Ha	

Note:
Use only in case of recognized need.
Do not exceed the appropriate doses

Natur Potasico

Potassium solution 32,6%

Guaranteed richness(%w/w)	
Water-soluble potassium oxide (K_2O)	32,6 %
Chloride	0 %

What does it provide us?

Natur Potasico is a liquid fertilizer with high potassium content (K_2O), an essential macronutrient for plants, as it participates in photosynthesis, respiration and other essential processes in the development of plants. In addition, **Natur Potasico** is characterized by providing the plant with a greater disposal of this nutrient whenever necessary.

Natur Potasico is especially indicated for the fattening and ripening stages, obtaining an increase in the size, better color and organoleptic properties of the fruits.

Compatibility

Natur Potásico can be mixed with all products, except products that have calcium or with an acidic pH.

Net mass

1L = 1,52 kg
5L = 7,61 kg
20 L = 30,42 kg
1000 L = 1521 kg

Dosage and time of application

Foliar application	
Citrus	150-175 cc/hl
Stone fruit trees	200-300 cc/hl
The rest	150 200 cc/hl
Fertigation	
Citrus	100-150 cc/hl. In various applications
Fruit trees	400-750 cc/hl. In various applications
Vegetables	1-2 l/1000 m^2 ((twice a week)

Natur Sili K

Silicon-based liquid product

Guaranteed richness (%w/w)	
Amorphous silicon oxide (SiO_2) suspended in water	31,7 %
Water-soluble potassium oxide (K_2O)	15,2 %

What does it provide us?

Natur Sili-K is a concentrated liquid fertilizer made of potassium silicate that is characterized by its solubility **Natur Sili-K** after absorption is deposited in an amorphous way on the cell walls contributing to the mechanical properties of the wall, improving its rigidity and elasticity thanks to the silicon present, whose deficiency can cause a weakening of the stems.

Thus, **Natur Sili-K** increases the mechanical strength of the stems and strengthens the root system.

Compatibility

Natur Sili-K cannot be mixed with other products.

Net mass

1L = 1,45 kg
5L = 7,24 kg
20 L = 28,94 kg
1000 L = 1447 kg

Dosage and time of application

Radicular via		
Citrus and fruit trees	7-10 l/ha	Several applications from fruit adjustment to ripening
Vegetables	4-7 l/ha	
Flowers and ornamental plants	4-7 l/ha	
Tropical fruit trees	5-10 l/ha	
Olive trees and vines	4-9 l/ha	

Multiple deficiency corrector

- Natur B-Mo
- Natur B-Mo ECO
- Natur B-Mo-Co
- Natur Ca SET
- Natur Ca-B
- Natur Ca-B-Mg Flow
- Natur Elem
- Natur Ferro 48
- Natur K-S Flow
- Natur Nutri 4

Natur B-Mo

Solid blend of mineral micronutrients. Boro (B) and Molybdenum (Mo).
Boron ethanolamine and sodium salt.

Guaranteed richness (%w/w)	
Boron (B) soluble in water	6 %
Water-soluble molybdenum (Mo)	3 %

What does it provide us?

Natur B-Mo is a solution that prevents and corrects boron and molybdenum deficiencies avoiding the reduction of sprouting, growth and flowering. It favors fertilization, flowering, fruit setting and thickening of the fruit. It provides greater resistance to plant tissues. In addition, it increases the production of sugars

Compatibility

Natur B-Mo cannot be mixed with oils, vamidothion, manganese sulphate, zinc sulphate and calcium salts.

Net mass

500 mL = 0,63 kg
1L = 1,26 kg
5L = 6,29 kg
20L = 25,16 kg
1000L = 1258 kg

Dosage and time of application

Foliar application		
Fruit and citrus trees	150 - 250 cc/hl.	2-3 applications, post-flowering and fruit set
Olive tree	200 - 300 cc/hl.	15-20 days before flowering
Sunflowers	250 - 400 cc/hl.	After the appearance 5-6 leaves
Grape	200 - 300 cc/hl.	Preflowering and after fruit setting
Sugar beet	200 - 300 cc/hl.	After appearance 6-8 leaves
Strawberry	150 - 250 cc/hl.	On the white background and before flowering
Fertigation		
1.5 - 4 L/ha		

Natur B-Mo ECO

Solid blend of mineral micronutrients.
Boro (B) and Molybdenum (Mo). Boron ethanolamineand sodium salt.

Guaranteed richness (%w/w)	
Water-soluble boron (B)	6 %
Water-soluble molybdenum (Mo)	3 %

What does it provide us?

Natur B-Mo ECO is a 100% inorganic product. It is a solution that prevents and corrects boron and molybdenum deficiencies avoiding the reduction of sprouting, growth and flowering. It prevents the appearance of chlorosis and necrosis, especially in terminal tissues. It favors fertilization, flowering, fruit setting and thickening of the fruit. In addition, it provides resistance to plant tissues and increases the production of sugars.

Compatibility

Natur B-Mo ECO ncannot be mixed with oils, vamidothion, manganese sulphate, zinc sulphate and calcium salts.

Net mass

1L = 1,25 kg
5L = 6,27 kg
20L = 25,08 kg
1000L = 1254 kg

Dosage and time of application

Foliar application		
Fruit and citrus trees	150 - 250 cc/hl.	2-3 applications, post-flowering and fruit set
Olive tree	200 - 300 cc/hl.	15-20 days before flowering
Sunflowers	250 - 400 cc/hl.	After the appearance 5-6 leaves
Grape	200 - 300 cc/hl.	Preflowering and after fruit setting
Sugar beet	200 - 300 cc/hl.	After appearance 6-8 leaves
Strawberry	150 - 250 cc/hl.	On the white background and before flowering
Fertigation		
1.5 - 4 L/ha		

Natur B-Mo-Co

PK 20-20 fertilizer solution with Boron (B), Cobalt (Co) and Molybdenum (Mo)

Guaranteed richness (%w/w)	
Water-soluble phosphorus pentaoxide (P_2O_5)	20 %
Water-soluble potassium oxide (K_2O)	20 %
Water-soluble boron (B)	1,5 %
Water-soluble cobalt (Co)	0,5 %
Water-soluble molybdenum (Mo)	1 %

What does it provide us?

Natur B-Mo-Co is a fertilizer specially developed to improve the growth of flowers and fruits naturally. Trimonomeric combination of high pollinating and germinating power that, together with phosphorus, potassium, molybdenum and boron, acts:

- Elongating the pollen tube favoring the fertilization of the flower.
- Increasing the germination of the pollen grain improving its quality.
- Inducing flowering and favoring the setting

Compatibility

Natur B-Mo-Co cannot be mixed with products containing calcium, dicofol, dimethoate, oils and copper products.

Net mass

1L = 1,34 kg
5L = 6,69 kg
20L = 26,76 kg
1000L = 1338 kg

Dosage and time of application

Dose per crop	Foliar (cc/hL)	Fertigation (L/ha)	Frequency
Fruit horticultural	200-250	2,5 - 5	Every 10-15 days from first set.
Citrus and subtropical crops	200-250	2,5 - 5	2-3 applications: pre-flowering and post-flowering
Fruit trees, olive trees and vineyards	150	2,5 - 5	2-3 applications: pre-flowering and post-flowering

General foliar application	General fertigation
1 - 2,5 L/ha	2,5 - 5 L/ha

Natur Ca SET

Calcium acetate with Boron

Guaranteed richness (%w/w)	
Water-soluble calcium oxide (CaO)	30 %
Boron (B) soluble in water	1 %

What does it provide us?

Natur Ca SET is water-soluble mineral fertilizer powder based on Calcium and Boron, the product is free of Nitrates, Chlorides and Sulfates. It is developed to prevent and/or cure calcium deficiency, whose deficiency can cause different physiopathies in the plant. On the other hand, the boron present helps the plant breeding part and the transport of sugars. Boron deficiency can cause a negative impact on the growth of roots, foliage and fruits.

Compatibility

Natur Ca SET can be mixed with other products those that contain a high pH or low in copper. Avoid contact with acidic materials.

Net mass

1 kg
5 kg

Dosage and time of application

Foliar application		
Fruit trees, grapes, citrus and olive trees	3 - 5 kg/ha.	From the appearance of the fruit every 15 days and under stressful conditions
Horticulture in greenhouse	2 -3 Kg/ha.	From the set of fruits every 15 days
Open field horticulture and industrial crops	3 - 5 kg/ha.	Set of fruits and under stress conditions.
Nurseries	1 - 1,5 kg/ha.	In case of tension conditions.
Flowers and ornamental crops	1,5 - 2,5 kg/ha.	Every 15-20 days and under stressful conditions

Natur Ca-B

Complexed calcium solution with boron (B)

Guaranteed richness (%w/w)	
Water-soluble calcium oxide (CaO)	15 %
Calcium oxide (CaO) complexed by gluconic acid	12,9 %
Water-soluble boron (B)	1,5 %

pH range in which good stability of the complexed fraction is guaranteed:
pH between 3 and 9

What does it provide us?

Natur Ca-B is a liquid foliar fertilizer, characterized by its rapid absorption and assimilation by the crop. Its richness in Calcium and Boron is developed to promote the quality of the fruits and prevent nutritional imbalances due to the deficiency of these elements. It is recommended as a complementary source of calcium and boron for crops that need large amounts of these nutrients. It avoids bad effects on apple tree cultivation, also fruit cracks and flower rot in horticultural crops

Compatibility

Natur Ca-B can be mixed with other products that contain a high pH or low in copper.

Net mass

1 L = 1,39 kg
5L = 6,93 kg
20 L = 27,7kg
1000 L= 1385 kg

Dosage and time of application

Crops	Foliar	Fertigation
Apple tree	300-500 ml/hl	4-6,5 L/ha
Cherry and nectarine trees	250-400 ml/hl	3-4 L/ha
Horticultural	200-300 ml/hl	2,5-3,5 L/ha
Extensive cultivation	100-300 ml/100L	-
Nurseries	200-300 ml/100L	1-2 L/ha

Natur Ca-B-Mg Flow

Liquid mixture of Ca and Mg with micronutrients

Guaranteed richness (%w/w)	
Water-soluble calcium oxide (CaO)	12%
Calcium oxide (CaO) complexed by gluconic acid	12%
Water-soluble magnesium oxide (MgO)	2,5%
Magnesium oxide (MgO) complexed by gluconic acid	2,5%
Water-soluble boron (B)	0,5 %

pH range in which good stability of the complexed fraction is guaranteed:
pH between 3 and 9

What does it provide us?

Natur Ca-B-Mg Flow is a corrector of deficiencies associated with low levels of calcium, magnesium and boron. **Natur Ca-B-Mg Flow** prevents problems such as fruit splitting, leaf damage, tissue desiccation (grape stem) and loss of strength.

Natur Ca-B-Mg Flow improves pollination and increases the adjustment rate of the fruit. Provides greater resistance to tissues; the life after the harvest and the commercial value of the crops. **Natur Ca-B-Mg Flow** is harmless to plants as it is formulated with gluconic acid.

Compatibility

NATUR Ca-B-Mg Flow can be mixed with other products containing a high pH or low in copper.

Net mass

1L = 1,31 kg
5L = 6,55 kg
10L = 13,09 kg
1000L = 1309 kg

Dosage and time of application

Crops		Dose
Grapes	200 - 400 cc/hl.	From pre-flowering to full fruit formation
Citrus and fruit trees	200 - 400 cc/hl.	From pre-flowering to full fruit formation
Vegetable and ornamental	200 - 400 cc/hl.	2-3 applications from transplantation to flowering every 10-15 days
Rice, maize and wheat	200 - 300 cc/hl.	2-3 applications from transplantation to flowering every 10-15 days
General		
200 - 400 cc/hL		

Natur Elem

CFP 1 (C) (II) (b): Composite solid inorganic fertiliser based on micronutrients

Guaranteed richness (% w/w)	
Boron (B), as ethanolamine	0,7%
Copper (Cu) chelated by EDTA- complexed by HGA.	0,3%
Iron (Fe) chelated by EDDHSA/EDTA-complexed by HGA	7 %
Manganese (Mn) chelated by EDTA- complexed by HGA	3,3 %
Molybdenum (Mo), as sodium salt	0,1%
Zinc (Zn) chelated by EDTA- complexed by HGA	0,6%

pH range in which good stability of the complexed fraction is guaranteed:
pH between 2 and 12.

All the ingredients that make up this mixture belong to CMC1[1]

[1]: substances and mixtures of virgin materials.

What does it provide us?

Natur Elem is a solid fertilizer formulated with organic chelating agents that prevent and modify micronutrient deficiency in a wide range of crops.

Natur Elem regulates the exchange of actions and the availability of nutrients in the soil solution (C.E.C). This product is developed to be used throughout the entire crop cycle.

Compatibility

Natur Elem is compatible with soluble fertilizers. Do not mix with oils or products that contain it. If the fertilizer contains phosphates it is advisable not to exceed pH 4.
Avoid contact of the product with bases.

Net mass

1kg, 5kg

Dosage and time of application:

Foliar	
Horticultural greenhouse	75 - 100 g/100 L
Citrus and subtropical crops	
Corn, Sunflower and Rice	
Banana, Strawberry	
Garlic, onion and carrot	
Potato and Beetroot	
In irrigation water:	
Citrus and fruit trees	30-60 g/tree
Horticultural and strawberries	1-1.3 kg/ha per week
Flowers and ornamental plants	1 kg/ha per week
Bananas and tropical crops	30-70 g/plant
Hydroponic crops	20-30 g/m^3 feed solution

Natur Ferro 48

Iron chelate

Guaranteed richness (%w/w)	
Water-soluble iron (Fe)	6,25 %
Iron (Fe) chelated by [o-o] EDDHA	5,7 %

pH range in which good stability
of the complexed fraction is guaranteed:
pH between 3,5 and 11.

What does it provide us?

Natur Ferro 48 is an iron deficiency corrector for plants. It is completely soluble in water and it has a high stability; it can be applied in any type of soils. Its high content of chelated iron means that it can be used in alkaline and calcareous soils, where the use of iron chelates is essential for the development of the plant.

Compatibility

Natur Ferro 48 is compatible with most fertilizers and phytosanitary products available, although it is advisable to carry out a previous test.

Do not mix with mineral oils or in a highly acidic or alkaline reaction. Incompatible with strong oxidizing agents, Aluminum in the presence of moisture/water.

Natur Ferro 48 is incompatible with strong oxidizing agents and aluminum in the presence of moisture/water.

Net mass

1kg, 5kg, 20kg, 500kg.

Dosage and time of application

Fruit trees, citrus trees, hazelnuts, etc:	
Freshly planted	5-15 gr/plant
Start of production floor	15-30 gr/plant
Trees grown in full production	30-50 gr/plant
Highly developed trees	50-100 gr/plant
Nurseries:	
Per plant	1-3 gr
Per m^2	3-5 gr
Grapevine:	
Freshly planted	3-5 gr/plant
In production	5-10 gr/plant
Horticultural and Ornamental	1- 5 gr/sq.mt.

Natur K-S Flow

Potassium sulphate solution K(S) 36(31)

What does it provide us?

Natur K-S Flow is a liquid fertilizer that helps the absorption of phosphorus and other micronutrients present in the soil. In addition, it favors the formation and ripening of the fruits.

- It is a high source of potassium and sulfur for an efficient supply.
- Favors a more uniform growth generating fewer imbalances.
- Increases the quantity and quality of proteins helping the conversion into carbohydrates, proteins and oils.
- It does not contain nitrogen or chlorine. High contribution of potassium and sulfur, essential for crops.
- Allows the absorption of potassium 30% more efficiently compared to other liquid fertilizers on the market.

Compatibility

Natur K-S Flow can be mixed with the usual plant protection products without risk of raising the pH of the solution. Do not apply in hours of maximum sunshine.

Net mass

1L = 1,5 kg, 5L = 7,4 kg,
200 L = 296,6 kg, 1000 L= 1483 kg

Guaranteed richness (%w/w)	
Water-soluble potassium oxide (K_2O)	36,6 %
Water-soluble sulphur trioxide (SO_3)	31 %
Chloride	0 %

Dosage and time of application

Foliar application	
Grapevine	150 - 250 cc/hL, after flowering, fruit fattening and initiation of veraison.
Fruit	150 - 300 cc/hL, after thinning and during fattening.
Ornamental	150 - 300 cc/hL, after flowering
Banana	200 - 250 cc/hL, before the plant appears and after the fruit deflowering
Citrus	250 - 350 cc/hL, after natural fruit fall, during fattening and 30 days before harvest
Olive tree	250 - 500 cc/hL, after setting, bone hardening and color change.
Fruit horticultural	300 - 400 cc/hL, after flowering, or in each of the blooms and fattening of the fruits.
Cotton	300 - 400 cc/hL, after flowering and fattening of the capsules
Strawberries	300 - 500 cc/hL
Fertigation	
Olive tree	15 -60 cc/feet, flowering to fruit set
Citrus	25 -50 cc/feet, 2-3 applications between setting and start of colour change
Fruit	50 -75 cc/feet, 2-4 applications during fruit fattening
Cotton	6 - 12 L/ha hasta 30-60 L/ha, up to 30-60 L/ha, from the first capsules
Strawberry, Melon, Watermelon and other Horticultural	6 - 12 L/ha per week up to 20-90 L/ha, from the fruit set of the first fruits
Beetroot	12 L/ha per application up to 30-60 L/ha
Rose bush and other ornamentals	10 - 30 L/ha per application and not in flowering.

Natur Nutri 4

Liquid mixture of mineral micronutriens.
Boro (B) Ethanolamine, Manganese (Mn) Sulfate, Molybdenum (Mo) Sodium Salt, Zinc (Zn) Sulfate

Guaranteed richness (%w/w)	
Boron (B) soluble in water	2,3 %
Water-soluble manganese (Mn)	2,7 %
Water-soluble molybdenum (Mo)	0,2 %
Water-soluble zinc (Zn)	3 %

What does it provide us?

Natur Nutri 4 is composed of four essential micronutrients for the plant: Boron, Manganese, Molybdenum and Zinc. It is designed to correct the deficiencies of these elements in the crop.

The boron present allows the correct development of fruits and seeds; Manganese is essential in processes of photosynthesis and respiration, among others, so its deficiency can lead to certain problems to the crop; Molybdenum participates in different processes of the plant helping the correct transformation of nitrogen; finally, the Zinc present has a great relevance in the functioning and structure of vegetable proteins

Compatibility

Natur Nutri 4 is compatible with herbicides and glyphosphate without altering their properties.

Net mass

0,5L = 0,66 kg,
1L = 1,31 kg
5L = 6,55 kg
200 L = 262 kg
1000 L= 1310 kg

Dosage and time of application

Crop	Foliar application	Fertigation
Fruit and Citrus Trees	4-5 L/ha, 2-4 applications per cycle	6 L/ha, 2-3 applications per cycle
Strawberry	2-4 applications per cycle	5 L/ha, 2-3 applications per cycle
Vegetables	2-4 applications per cycle	5L/ha, 2-3 applications per cycle
Melon and watermelon	2-4 applications per cycle	5 L/ha, 2-3 applications per cycle
Vine and olive tree	2-4 applications per cycle	6 L/ha, 2-3 applications per cycle.

Organic material and humic acids

- Humsuper
- Orgo 40
- Natur Hum 25

Humsuper

Humic acids from Leonardite

Guaranteed richness (%w/w)	
Water-soluble potassium oxide (K_2O)	19.7%
Total humic extract	65%
Humic acids	52%
Fulvic acids	13%
Leonardite	100%

Class A: heavy metal content below the limits allowed for this classification.

What does it provide us?

HumSuper is a concentrated solid formulation of 100% Leonardite humic acids, totally soluble, adding to the soil active fertilizer with the remaining substances from the decomposition of organic matter.

HumSuper is an essential product within fertigation programs. Its use should be included within a strategy during the crop cycle, due to its intrinsic characteristics such as: solubility, stability, regular absorption in the soil, improvement of soil structure and cation exchange capacity. In the plant, it increases the production of enzymes, sugars, amino acids, etc. In the soil, microorganisms are activated, the cation exchange capacity is improved and the mineral-elements that are released and made available to the plant are improved, in addition to improving the structure of the soil.

Compatibility

HumSuper is compatible with most fertilizers and plant protection products available. Do not mix with highly alkaline oils and reaction products.

Dosage and time of application

Foliar application	
Citrus fruits, fruit trees, vegetables and bananas:	2-3 kg/ha, 3 applications
Strawberry, raspberry, blueberry:	0,5-2 kg/ha, 4 applications
Olive tree:	0,5-2 kg/ha, 2 applications
Vineyard, table grapes:	0,4-1 kg/ha, 4 applications
Sunflowers and Corn:	3-4 kg/ha
Soy beans:	3-4 kg/ha
Fertigation	
1-2 kg/ha, 4 applications	

Net mass

1kg
5kg
20kg
500kg

Orgo 40

CFP 1 (A) (II): Liquid Organic Fertilizer NK 3-5,5

Guaranteed richness (% w/w)	
Total nitrogen (N)	3,1 %
Organic nitrogen (N)	2,8 %
Ammoniacal nitrogen (N)	0,1 %
Total potassium oxide (K_2O)	5,5 %
Organic carbon (C_{org})	23,9 %
Dry matter	58,2 %
C_{org}/N_{tot} ratio	8,6

Origin of organic N: Fermentation of plant extracts
Class A: heavy metal content below the limits allowed for this classification.

What does it provide us?

Orgo 40 is a product based on Organic Matter of plant origin. **Orgo 40** is a special formulation with a long history in the agronutrient market, always achieving more than satisfactory results in all crops.

The success of **Orgo 40** is given, among other things, by its specific formulation that combines the following nutrients: organic matter, humic-fulvic substances, NK and protein of vegetable origin.
The presence of organic matter in the soil provides important advantages, improving its physical properties (better structure and greater water retention capacity), chemical (facilitates cation exchange) and biological properties, improving microbial activity.
When the levels of organic matter in the soil are low, it must be contributed to improve the crop.

Orgo 40 fulfills these functions.
Fulvic acids have the specific characteristic of complexing the existing nutrients in the clay-humic complex, together with a great power of assimilation and penetration into the plant.

Compatibility

Orgo 40 is compatible with soluble fertilizers and plant protection products, as long as they have low pH.

Net mass

5L = 6,4 kg, 20L = 25,76 kg, 1000L = 1288 kg

Dosage and time of application

Foliar application	
1-5 mL/L or 1-5 L/ha and application. When possible, in addition to applying via foliar, apply via irrigation or to the soil	
Fertigation	
Localized, drip or system irrigation	
Citrus, fruit, grape, horticultural, ornamental and other:	40-300 l/ha spread throughout the cycle in preferably weekly or fortnightly applications from 5 to 40 l/ha
Surface irrigation, cover, or gravity	
Citrus, fruit, grape, horticultural, ornamental and other:	50-400 l/ha, spread over the cycle in preferably weekly or biweekly applications from 5 to 50 l / ha.
Sprinkler irrigation	
Extensive crops:	20-100 l/ha distributed throughout the cycle in preferably weekly or biweekly applications of 5 to 10 l/ha.
Soil Preparation	
For all crops:	Distribute evenly in the planting or sowing area about 10-100 l/ha before sowing or planting.
Saturated soils	
A first application of 10-100 l/ha before sowing or planting. A few days after this first application but, before sowing or planting, give abundant irrigation for the washing of salts and then continue with normal applications of the product, and if necessary, interspersed with abundant waterings for the washing	

Natur Hum 25

Humic acids of leonardite

Guaranteed richness (%w/w)	
Total humic extract	25%
Humic acids	10%
Fulvic acids	15%
Total Nitrogen (N)	3%
Water-soluble potassium oxide (K_2O)	6%
Leonardite	100 %

What does it provide us?

Natur Hum 25 is a liquid humic soil enhancer obtained from highly humified lignites (leonardite)

Natur Hum 25 has a high concentration of humic acids and fulvic acids. The application of humic acids contributes significantly to improving the physicochemical and biological properties of the soil increasing fertility, and at the same time improves the process of releasing primary nutrients and micronutrients existing in the clay-humic complex, providing a better disposition and development of plant nutrients.

Compatibility

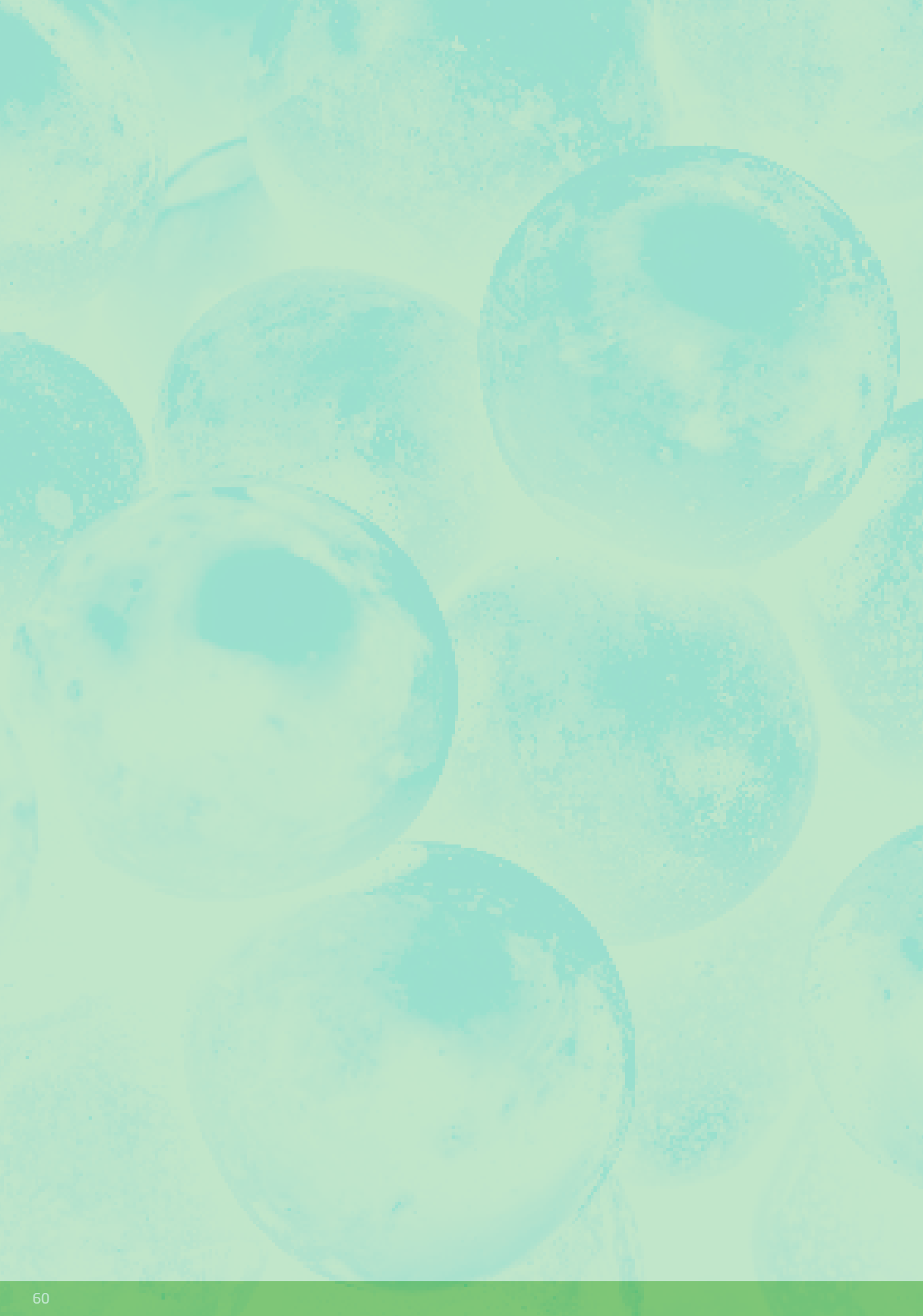
Natur Hum 25 cannot be mixed with low pH (acidic) products.

Net mass

5L = 6,25 kg
20 L = 25 kg
1000 L = 1250 kg

Dosage and time of application

Foliar application	
Sunflowers	3-5 L/Ha. Use every 15 days
Maize and sorghum	3-6 L/Ha. Use every 15 days
Soybean	5-8 L/Ha. Use every 15 days
Fertigation	
300 cc/hL	
Sprinkler and flood systems	
40-50 l/ha	



Naturland

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