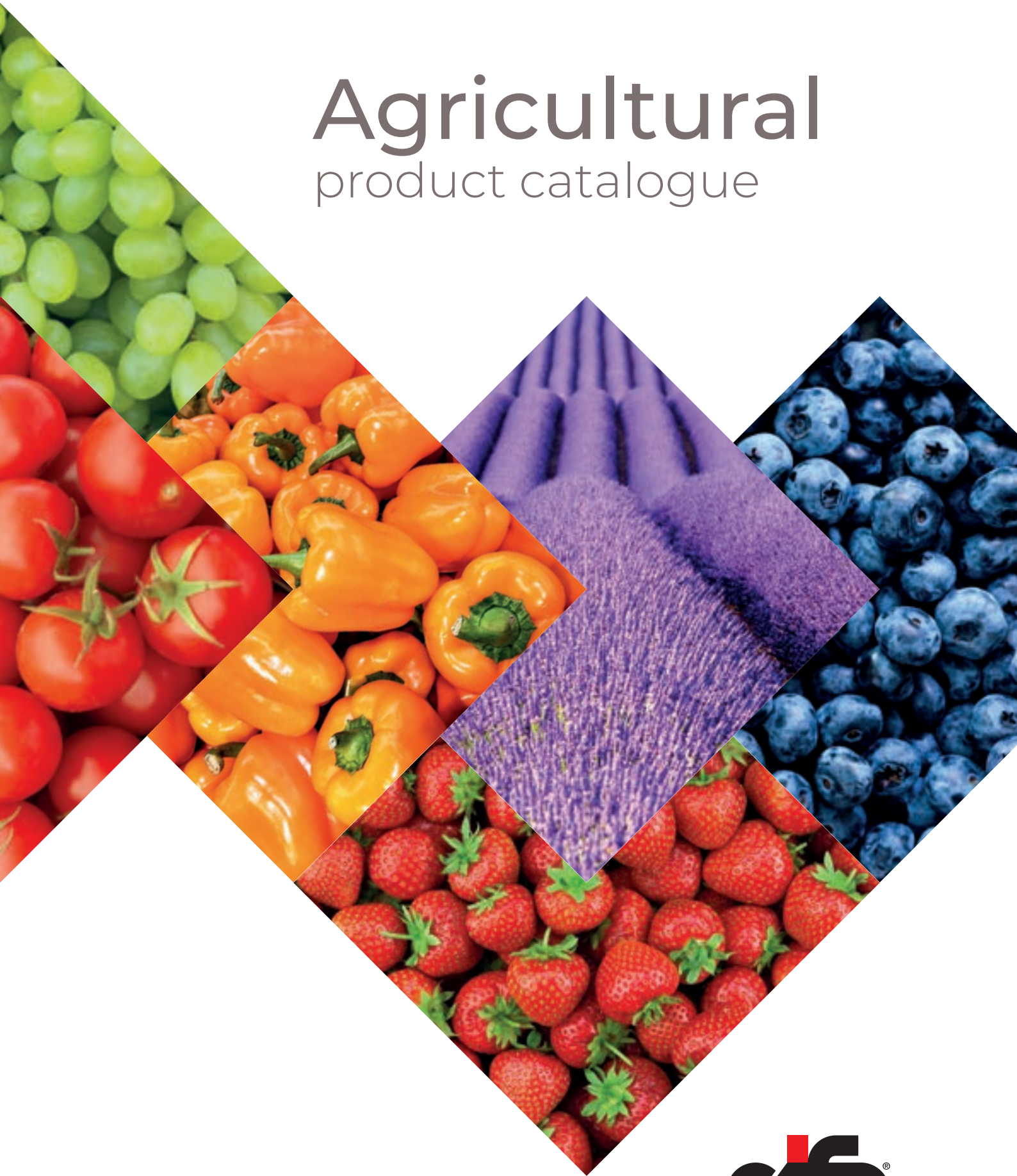


Agricultural

product catalogue





Specialties

Algacifo 3000

Bio Activator for overcoming environmental and physiological stress

- Increases the resistance to environmental stress (thermic, water-salt, nutritional, etc.)
- Favours the photosynthetic efficiency of leaves and sprouts



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Algacifo 3000

Bio Activator for overcoming environmental and physiological stress

- Increases the resistance to environmental stress (thermic, water-salt, nutritional, etc.)
- Favours the photosynthetic efficiency of leaves and sprouts

Components

Polysaccharides, Amino acids of vegetal origin, Betaines, *Macrocystis integrifolia*

Properties

ALGACIFO 3000 is a nutritional specialty containing components of purely vegetal origin.

A first fraction, derived by **extracts of brown seaweed *Macrocystis integrifolia*** which is particularly rich in **polysaccharides, vitamins, mineral salts and natural growth promoters**.

The other organic compound is characterized by the presence of **betaines**, which counteract the osmotic stress due to temperature changes, water-salt or nutritional imbalances, and **enzymes + aminoacids (eg. Glutamic acid)** promoters of plant's recovery in response to the environmental or physiological stress.

Analysis

Organic Nitrogen (N)2%
Biological origin organic carbon (C) 10%
Organic substance 50% with nominal molecular weight < 50 kDa

Physico-chemical properties

pH (1%) ±0.57.5
Density (g/mL) ±0.05 1.30

Methods of application: FOLIAR

CROP	PHENOLOGICAL PHASE	NUMBER OF APPLICATIONS
Fruit trees	During the whole crop cycle, in case of environmental stress	2-3, every 10-15 days
Wine and table grape		2-3, every 10-15 days
Vegetable and industrial crops		1-2, every 10-15 days
Ornamental and flower crops, nurseries		1-2, every 10-15 days

For application rates, contact our technical service

Compatibility: The product can be mixed with all common formulations, except with mineral oils and emulsions. A simple mixture test to check compatibility is advisable.



Size
1 L - 5 L



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Betalga

Bio Activator of root growth and development

- Stimulates root growth and development
- Promotes seed germination
- Increases plant tolerance to transplanting stress



Betalga

Bio Activator of root growth and development

- Stimulates root growth and development
- Promotes seed germination
- Increases plant tolerance to transplanting stress

Components

Amino acid complex, *Ascophyllum nodosum*, *Macrocystis integrifolia*, and *Sargassum* seaweed extracts

Properties

BETALGA is an innovative specialty, purposely developed to stimulate rapid root formation and elongation. The formula contains *Macrocystis*, *Ascophyllum* and *Sargassum* seaweed extracts and amino acids. Due to the high content of betaines, alginic acids, micronutrients and natural growth promoters, BETALGA promotes the formation of adventitious and absorbent root hairs, then the **development of the root apparatus in depth and width**. Moreover, BETALGA supplies amino acids as rapidly available source for primary metabolism, balances **natural growth promoters and stimulates seed germination**.

Analysis

Total nitrogen (N)	12%
Organic nitrogen (N).....	3.4%
Ureic nitrogen (N)	8.6%
Organic matter	20.5%

Physico-chemical properties

pH (1%) ±0.5.....	7.4
Density (g/mL) ±0.02.....	1.20

Methods of application: FERTIGATION

CROP	PHENOLOGICAL PHASE	NUMBER OF APPLICATIONS
Vegetable and industrial crops	Immediately after transplanting Localized at sowing/transplanting with sowing/transplanting machine	1-2 applications
Fruit trees, wine and table grape	At vegetative reawakening, repeat the application whenever there is the need to promote the root growth	1-2 applications
Potted plants	Immediately after repot	1-2 applications
Plateau bath	Before transplanting	1 application
Seed treatment	During the last hours before sowing	1 application

For application rates, contact our technical service

Compatibility: The product can be mixed with all common formulations, except with products based on Copper. A simple mixture test to check compatibility is advisable.



Size
1 L - 5 L



Specialties

Biotron GR

Granular Bio-Activator of roots and plant growth based on vegetal extracts

- Promotes roots development
- Enhances soil features and biological fertility
- Ensures a balanced vegetative-fruit growth



Biotron GR

Granular Bio-Activator of roots and plant growth based on vegetal extracts

- Promotes roots development
- Enhances soil features and biological fertility
- Ensures a balanced vegetative-fruit growth

Components

Vegetal extract, Amino acids, Humic and Fulvic acids, Glycine-betaine

Properties

BIOTRON GR is a special product obtained by an exclusive process that allows to have in each single mini-granule several biological compounds with a positive action on both soil and plant:

- **Fulvic and Humic acids:** they stimulate roots development, nutrients uptake, improve soil fertility conditions (Cation Exchange Capacity, air and water availability, etc.) and activity of beneficial microbials.
- **Glycine-Betaine:** it has a very effective anti-stress action by increasing in roots tolerance to adverse environmental conditions;
- **Amino acids:** they stimulate primary and energetic metabolism by improving balanced vegetative and fruit growth.

Moreover, thanks to a mild process, the organic carbon in BIOTRON GR is kept in its biological-natural form, consequently it is fully available for plants and soil beneficial microorganisms.

The product can be used on all agricultural and ornamental crops, in both open field and greenhouse, especially where increasing soil fertility, roots development and balanced crop growth are priority purposes.

Analysis

Biological origin organic carbon (C)	21%
Potassium oxide (K ₂ O)	5%
Betaines	0.6%

Methods of application: SOIL APPLICATION

CROP	PERIOD
Fruit trees, Wine and Table grape, Olive, Kiwifruit	▪ Vegetative reawakening ▪ After harvest
Tropical crops (Avocados, Mangoes, Bananas, Pineapples, etc.)	▪ Vegetative reawakening ▪ After harvest
Vegetables and row crops	▪ During soil preparation (before sowing/transplanting) ▪ Localized on the sowing/transplanting rows ▪ Topdressing (during first vegetative stages) ▪ Mixed to topsoil during its preparation
Greenhouse crops	
Flower and ornamental crops	

For application rates, contact our technical service



Size
25 kg



Specialties

Blok line

- Strengthens cell walls and plant tissues
- Promotes plant development even under stress conditions



Blok 5

Bio activator of plant natural barriers

- Increases plant tolerance against multiple environmental stresses
- Reinforces plant tissues and cell walls
- Improves plant nutritional status

Components

Aloe, Tormentilla and Echinacea extracts, Potassium and Magnesium salts

Properties

BLOK 5 is a specialty to **increase the resistance and tolerance of plant** against multiple stresses. The product is rich in polysaccharides, amino acids and phenylpropanoids. Phenylpropanoids stimulate a number of different pathways in secondary metabolism, **reinforcing plant tissues and cell walls**. BLOK 5 **optimizes plant nutritional status** by delivering a complete nutrient supply for primary metabolism and photosynthesis, which includes amino acids and polysaccharides (readily available energy and carbon sources). The effect of plant extracts is strengthened by magnesium and potassium.

Analysis

Total Nitrogen (N).....	2%
Organic nitrogen (N).....	0.3%
Ureic Nitrogen (N).....	1.7%
Phosphorus pentoxide (P ₂ O ₅).....	8%
Potassium oxide (K ₂ O).....	6%
Magnesium oxide (MgO).....	3.3%
Biological origin organic carbon (C)	3%

Physico-chemical properties

pH (1%) ±0,5.....	2.3
Density (g/mL) ±0.02.....	1.37

Methods of application: FOLIAR

CROP	METHOD OF APPLICATION	NUMBER OF APPLICATIONS
Fruit trees, wine and table grape	From shooting to the beginning of fruit set	Every 7-10 days
Pear, apple and other fruit trees	From shooting to the beginning of fruit set	Every 7-10 days
	From the second half of fruit enlargement	Every 7-10 days
Strawberry	During the whole vegetative cycle	Every 7-10 days
Vegetable and industrial crops	From the 3 rd leaf stage	Every 7-10 days
Fresh cut vegetables	During the whole vegetative cycle	Every 7-10 days
Nurseries and flower crops	During the whole vegetative cycle	Every 7 days

For application rates, contact our technical service

Compatibility: The product can be mixed with all common formulations, except with products based on Calcium, with a strong alkaline reaction and mineral oils. A simple mixture test to check compatibility is advisable



Size

1 L - 5 L

Blok s

High efficacy Sulphur

- Promotes endogenous natural barriers of plants
- Advances protein synthesis
- Increases aromas in fruits and vegetables

Components

Elemental sulphur

Properties

BLOK S is a biological formulation based on sulphur in fluid suspension (flowable formulation). The innovative production method allowed to obtain a highly efficient product with the following features: high concentration of Sulphur, rapid onset of action, high uniformity/homogeneity in product distribution. The use of BLOK S increases yield, strengthens plants and improves the quality of final production.

Analysis

Total sulfur (S) 40%

Physico-chemical properties

pH (1%) $\pm 0,5$ 6.5

Density (g/mL) ± 0.05 1.35

Methods of application: FOLIAR

CROP	PHENOLOGICAL PHASE
Fruit trees (pome fruits, stone fruits, citrus, grape, kiwifruit, olive, etc.)	During the crop cycle, repeat 2-3 times, at 7-10 days apart
Vegetables (open field)	During the crop cycle, repeat 2-3 times, at 7-10 days apart
Vegetables (greenhouse)	During the crop cycle, repeat 2-3 times, at 7-10 days apart
Cereals and industrial crops	During the crop cycle, repeat 2-3 times, at 7-10 days apart
Flower, ornamental nursery crops	During the crop cycle, repeat 2-3 times, at 7-10 days apart

Don't treat during the blooming period. It is advisable to treat during the coolest hours of day.

For application rates, contact our technical service

Compatibility: It is not advisable to mix with oil-based products, with alkaline products (polysulphides, Bordeaux mixture, etc.), captan and products containing organic solvents. A simple mixture test to check compatibility is advisable.



Size
1 L - 10 L



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Blok L

Root biostimulant to stimulate crops in difficult soil conditions

- Boosts root development and efficiency
- Supports plant development and production in depleted soils
- Nourishes and promotes the development of the soil microbiota (prebiotic for Blok Sinergy)

Components

Macrocystis integrifolia and plant extracts

Properties

Blok L is a prebiotic biostimulant based on algae and plant extracts, rich in terpenes. Thanks to its particular formulation, Blok L creates an optimal environment for the development of the soil microbiome, promotes the growth of the root system and improves its functionality. **Used in combination with Blok Sinergy** (inoculum of mycorrhizal fungi with probiotic action), Blok L allows to successfully complete the cultivation cycle, even when soil conditions are not optimal.

Analysis

Organic nitrogen (N)..... 0,2%
Organic carbon (C) of biological origin 13%
pH (10% w/v in water): 3.5 ± 0.5

Physico-chemical properties

pH (1%) ±0.5..... 3.6
Density (g/mL) ±0.02..... 1.13

Methods of application: FERTIGATION

We recommend to apply Blok L as a prebiotic base for the use of Blok Sinergy and/or products based on microorganisms

APPLICATION TIME	PRODUCTS
Close to sowing or transplanting	Blok L + Blok Sinergy
After 20-30 days	Blok L
After 30-40 days	Blok L + Blok Sinergy
After 30-40 days	Blok L

The strategy must be modulated according to: The development of the culture, the duration of the production cycle and eventual use of conventional products.

[For application rates, contact our technical service](#)

Compatibility: Don't mix with fungicides, insecticides and formulations containing Copper. A simple mixture test to check compatibility is advisable.

Blok L should be associated with **Blok Sinergy**



Size
5 L - 20 L



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Blok Sinergy

Inoculum of mycorrhizal fungi and soil bacteria

- Enriches and stimulates the development of the soil microbiome
- Promotes radical development through symbiosis
- Helps to overcome stress

Components

Inoculum of mycorrhizal fungi

Properties

Blok Sinergy is a special formulation based on mycorrhizal fungi and bacteria of the rhizosphere. Thanks to the selection of beneficial microorganisms, Blok Sinergy is a probiotic product that enriches the soil microbiome (the population of soil bacteria and fungi) and promotes the plant's activity even in presence of soil parasites. A vital and balanced microbiome leads to an increased development of the root system and a higher absorption of nutrients. Blok Sinergy is a product specifically designed to be used exclusively together with Blok L.

Analysis

Simple, non composted plant conditioner

Mycorrhizal content..... 0.5 %

Rhizosphere bacteria content..... 1 x 10⁴ UFC/g

Physico-chemical properties

pH (1%) ±0.5..... 6.1

Density (g/mL) ±0.05..... 0.96

Methods of application: FERTIGATION

APPLICATION TIME	PRODUCTS
Close to sowing or transplanting	Blok L + Blok Sinergy
After 20-30 days	Blok L
After 30-40 days	Blok L + Blok Sinergy
After 30-40 days	Blok L

The strategy must be modulated according to: The development of the culture, the duration of the production cycle and eventual use of conventional products.

[For application rates, contact our technical service](#)

Compatibility: Don't mix with fungicides, insecticides and formulations containing Copper. A simple mixture test to check compatibility is advisable.



Size
1 L - 5 L



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Specialties

Calcisan line

- Quick and complete absorption of calcium and magnesium
- Prevents and cures disorders due to calcium and magnesium deficiencies
- Improves fruits and vegetables consistency and shelf life



Calcisan

Calcium and magnesium “activated” by amino acids

- Improves the availability of calcium and magnesium for crops
- Suited for fertigation

Components

Calcium and magnesium complexed by amino acids

Properties

CALCISAN is a nutritional specialty based on **calcium and magnesium** “complexed” by an organic matrix rich in **amino acids, peptides and polypeptides**, which favor their uptake and translocation towards the growing fruits. That allows to prevent physiological disorders due to Ca-Mg deficiency and to obtain **more robust and consistent** fruits, with a greater resistance to post-harvest handling and shelf-life. CALCISAN can also effectively solve problems linked to the high salinity of the soil. Calcium and magnesium, replace sodium retained on the clay colloids so that it can be leached away from the rhizosphere. They allow to maintain the balance between calcium and magnesium in the soil.

Analysis

Organic nitrogen (N).....	3%
Soluble organic nitrogen (N).....	2.8%
Organic carbon (C) of biological origin	10%
Calcium oxide (CaO) water soluble	10%
Magnesium oxide (MgO) water soluble	2%

Physico-chemical properties

pH (1%) ±0.5.....	5.6
Density (g/mL) ±0.05.....	1.35

Methods of application: FERTIGATION

CROP	PHENOLOGICAL PHASE	NUMBER OF APPLICATIONS
Orchards, grape and olive trees	After fruit set	2-3, every 7-14 days
Vegetables in open fields	During central stages of crop cycle	2-3, every 7-10 days
Strawberry and small fruit	During central stages of crop cycle	2-3, every 7-10 days
Flowering and ornamental crops, nursery crops	During the crop growth	At least 2 applications, every 7-10

For application rates, contact our technical service

Compatibility: CALCISAN can be mixed at dosage use with all CIFO formulations. Avoid associations with copper or oil-based products, Phosethyl-Al, Dodine and Triphorine. Carry out the applications after at least 10 days from copper treatments



Size

1 L - 5 L

Calcisan Green

Calcium and magnesium “activated” by *Macrocystis integrifolia*

- Prevents and cures disorders due to calcium and magnesium deficiencies
- Gives to fruit skin a greater resistance to “cracking”; increases “crispness” in leaf vegetables
- Improves shelf life and resistance to post-harvest handling

Components

Macrocystis integrifolia, Calcium, Magnesium, Boron

Properties

Calcisan Green is a formulation able to solve with efficacy issues connected to physiopathies caused by calcium and magnesium. These **two meso elements** are “complexed” by specific polysaccharides (alginates) which are by nature contained in extracts of *Macrocystis integrifolia* seaweed. Absorption and translocation of nutrients inside vegetal tissues are in this way improved and giving the product a high nourishing efficacy. Other substances contained in the seaweed, such as laminarins, vitamin E (tocopherol) help the plant to overcome environmental stress that can take place during the delicate phase of fruit growth/ripening. Vitamin D, other nutrient present in high quantity in *Macrocystis* seaweed, **favors the absorption of calcium that together with boron are key elements to bind structural components of cell wall.**

Analysis

Calcium oxide (CaO) water soluble 13%
Magnesium oxide (MgO) water soluble 2%
Boron (B) water soluble 0.1%

Physico-chemical properties

pH (1%) ±0.5 5.8
Density (g/mL) ±0.05 1.40

Methods of application: FOLIAR

CROP	PHENOLOGICAL PHASE	NUMBER OF APPLICATIONS
Fruit trees, vine and olive	After fruit set	Treat every 10-12 days
Vegetables in greenhouse	At central and final stages	Treat every 7-10 days
Vegetables in open fields	At central and final stages	Treat every 7-10 days
Strawberry and small fruit	After fruit set	Treat every 10-12 days
Flowering and ornamental crops, nursery crops	During the whole cycle	Treat every 10-12 days

Use, for each treatment, volumes of water of min. 500 - 600 L/ha for arboreal crops, of 150 - 300 L/ha for open field crops and 80 - 100 L/1000m² for greenhouse crops.

For application rates, contact our technical service

Compatibility: The product can be mixed with all CIFO formulations and pesticides in general with the exception of mineral oils, oil based insecticides and dodine. A simple mixture test to check compatibility is advisable.



Size
1 L - 5 L - 20 L



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Specialties

Cet 46 Green

Bio activator of fruit ripening and coloring

- Promotes uniformity of ripening
- Increases fruit coloring
- Improves sugar content



Cet 46 Green

Bio activator of fruit ripening and coloring

- Promotes uniformity of ripening
- Increases fruit coloring
- Improves sugar content

Components

Phenylalanine, Methionine, Plant extracts, Monosaccharides

Properties

CET 46 GREEN is a nutritional specialty specifically studied to improve fruit and vegetable ripening process. The product, applied during last phases of the crop cycle, activates the physiological mechanisms leading to the biosynthesis of anthocyanins and carotenoids, **the pigments that are responsible for fruit coloring**. CET 46 GREEN supplies also monosaccharides as carbon and energy source for **plant primary metabolism and sugar accumulation**. Oxylipins present in plant extracts, besides being responsible for fruit coloring, they reinforce the cell walls inducing the natural synthesis of lignin that maintains **unchanged fruit firmness and their shelf life** after harvest.

Analysis

Total nitrogen (N)	3%
Organic nitrogen (N).....	2%
Ureic nitrogen (N)	1%
Potassium oxide (K ₂ O) water soluble	7%
Organic carbon (C) of biological origin	14%

Physico-chemical properties

pH (1%) ±0.5.....	8.1
Density (g/mL) ±0.02.....	1.33

Methods of application: FOLIAR

CROP	PHENOLOGICAL PHASE	NUMBER OF APPLICATIONS
Pome* and stone fruits	15 days and 7 days before harvest	2
Wine and table grape	20-15 days and 10-7 days before harvest	2
Citrus	25-20 days and 15-10 days before harvest	2
Olive tree	10-7 days before harvest	1
Vegetables (tomato and pepper)	12-10 days and 5-6 days before harvest	2
Processing tomato	15 and 7 days before harvest	2
Watermelon and melon	15 and 7 days before harvest	2
Strawberry	Every 4-5 days, In environments with low light and temperature	2
Flowers	When flowers start coloring and after 7-10 days	2

For application rates, contact our technical service

Compatibility: The product can be mixed with all common formulations, except with products based on Copper, mineral oils and emulsions. A simple mixture test to check compatibility is advisable.



Size
1 L - 5 L





Specialties

Cifamin BK

Enhancer of fruit growth

- Increases and uniformes fruit size
- Keeps fruit shape and firmness unaltered
- Ensures optimal shelf-life



Cifamin BK

Enhancer of fruit growth

- Increases and uniform fruit size
- Keeps fruit shape and firmness unaltered
- Ensures optimal shelf-life

Components

Macrocystis integrifolia seaweed extract, Trigonella extracts, Cereal extracts, Vegetal Amino acids such as Tryptophan, Arginine

Properties

CIFAMIN BK is a specialty, very rich in organic compounds with a biostimulant action on vegetal physiology, particularly indicated for **improving fruit and vegetable size**. The product contains amino acids of vegetal origin derived from enzymatic hydrolysis, such as, **tryptophan and arginine**. These are precursors of auxins and polyamines which **favor cell division and extension** ensuring high number of cells in young fruits. In this way, it provides balanced fruit growth and enlargement during first phases of fruit growth. CIFAMIN BK also **improves plant metabolism**, supplying macronutrients and vegetal amino acids. Seaweed *Macrocystis* extracts supply **polysaccharides, enzymes and betaines**, thus sustaining and complementing the action of amino acids. High performance surfactants optimize the efficacy of CIFAMIN BK providing carrying and wetting properties.

Analysis

Total Nitrogen (N).....	5%
Organic nitrogen (N).....	0.6%
Nitric Nitrogen (N)	1%
Ammoniacal nitrogen (N)	1.7%
Ureic Nitrogen (N).....	1.7%
Phosphorus pentoxide (P ₂ O ₅).....	8.5%
Potassium oxide (K ₂ O).....	4%
Biological origin organic carbon (C)	3%

Physico-chemical properties

pH (1%) ±0.5.....	6.4
Density (g/mL) ±0.02.....	1.21

Methods of application: FOLIAR

CROP	PHENOLOGICAL PHASE	NUMBER OF APPLICATIONS
Kiwifruit green pulp	From complete petal fall	2-3, every 7-8 days
Kiwifruit yellow pulp	From complete petal fall	3-4, every 7-8 days
Pome and stone fruit	From complete petal fall	2, every 6-7 days
Table grape	After fruit set	2 -3, every 7-8 days
Citrus	After fruit set	3, every 12-15 days
Melon, watermelon, processing tomato	After fruit set	3, every 6-7 days
Cucumber, zucchini	During the whole crop cycle	Every 5-7 days
Aubergine, pepper, tomato	After fruit set of the 1st truss	Every 5-7 days

For application rates, contact our technical service

Compatibility: The product can be mixed with all common formulations, except with mineral oils, emulsions and products based on copper. A simple mixture test to check compatibility is advisable



Size
1 L - 5 L



CifoCal

Improver of plant growth in sodic, saline and unstructured soils

- Allows cultivation with soils and waters high in sodium
- Improves soil structure, water and air penetration into the soil
- Prevents calcium and magnesium deficiencies both in acidic and alkaline soils



CifoCal

Improver of plant growth in sodic, saline and unstructured soils

- Allows cultivation with soils and waters high in sodium
- Improves soil structure, water and air penetration into the soil
- Prevents calcium and magnesium deficiencies both in acidic and alkaline soils

Components

Gluconic acid, Poly-hydroxycarboxylic acids, Calcium, Magnesium

Properties

CIFOCAL has a corrective effect on saline and saline-sodic soils thanks to the removal of sodium excess. Calcium and Magnesium replace the Sodium retained on the clay colloids so that it can be leached away from the rhizosphere.

Thanks to having organic acid in the formulation, CIFOCAL favours the release of calcium in the soil attacking carbonates and it increases the cation exchange capacity (CEC). It improves soil conductivity and texture, facilitating its oxygenation and water-retention capacity. As a consequence, it favours the expansion of the roots and the release of macro and micronutrients, thus creating a biologically-suitable environment for crops.

Analysis

Calcium oxide (CaO).....9%
Magnesium oxide (MgO)..... 1.2%

Physico-chemical properties

pH (1%) ±0.5..... 3.32
Density (g/ml) ±0.05..... 1.39 g/mL

Methods of application: FERTIGATION

CROP	PERIOD	NUMBER OF APPLICATIONS
Sandy soils	During the phenological stages in which the crops are more sensitive to soil salinity	More frequent applications
Medium loam or clay soils		Less frequent applications

[For application rates, contact our technical service](#)

Compatibility: The product can be mixed with all formulations except with products based on Sulphur and with fertigation fertilizers incompatible with Calcium. It is advised to make a simple mixture test to check compatibility.



Size
5 L - 20 L



Specialties

Cifoumic

Biostimulant of nutrients uptake

- Increases nutrients uptake by root
- Stimulates new roots growth
- Enhances soil fertility



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Cifoumic

Biostimulant of nutrients uptake

- Increases nutrients uptake by root
- Stimulates new roots growth
- Enhances soil fertility

Components

Humic and Fulvic acids

Properties

CIFOUMIC is a liquid formulation based on humic and fulvic acids with several positive actions both on the soil and directly on plants. Used by fertigation, the product **improves nutrients uptake (phosphates, iron, microelements, etc.) through a "complexing" and "protective" action; stimulates the activity of soil microorganisms, and enhances some physicalchemical soil features** (water retention capacity, cationic exchange capacity, etc.). Moreover CIFOUMIC makes inactive several organic molecules, protecting plants and microorganisms from too high pesticides concentration.

Analysis

Humic carbon as it is 6%
Fulvic carbon as it is..... 1.5%
Humification degree 80%
Organic nitrogen (N) on dry basis 0.7%
C/N ratio 40
Isotopic ratio of C (13 C‰)..... -24

Physico-chemical properties

pH (1%) ±0.5..... 10.2
Density (g/mL) ±0.05..... 1.10

Methods of application: FERTIGATION

CROP	PHENOLOGICAL PHASE
Fruit trees, wine and table grape, actinidia	During the whole crop cycle
Vegetable and industrial crops	During the whole crop cycle
Ornamental and flower crops, nurseries	During the whole crop cycle

For application rates, contact our technical service

Compatibility: The product can be mixed with all common formulations, except with mineral oils and emulsions. A simple mixture test to check compatibility is advisable.



Size
1 L - 10 L - 20 L



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Specialties

EasyUP EasyACT

Promoter of bud breaking

- Improves uniformity of sprouting and flowering of fruit trees (cherry, table grape, kiwifruit, etc.)
- Increases the number of fertile flower bud
- Enhances potential productivity



EasyUP should be associated with EasyACT



EasyUP EasyACT

Promoter of bud breaking

- Improves uniformity of sprouting and flowering of fruit trees (cherry, table grape, kiwifruit, etc.)
- Increases the number of fertil flower bud
- Enhances potential productivity

Components

Nitrogen, Calcium, Amino Acids, Carbohydrates

Properties

EasyUP is purposely developed to stimulate bud breaking, anticipating and uniforming the sprouting, flowering in table grape, kiwifruit, cherry, peach and nectarin. The product activates the first step of respiratory metabolism, favouring the hydrolysis of carbohydrates stored in plant's reserve tissues; that process restores cell exchanges of metabolites, and the cell division of bud organs. Ultimately, due to the high content of Calcium, EasyUP simulates the effects of exposure to low temperature, that is necessary to release the dormancy stage in fruit trees

Analysis

	EasyUP	EasyACT
Total Nitrogen (N).....	8.7%	15%
Organic nitrogen (N).....	0.7%	
Nitric Nitrogen (N)	4%	9%
Ammoniacal nitrogen (N)	4%	6%
Organic Carbon (C)	5.5%	
Calciumoxide (CaO).....		7%

Physico-chemical properties

	EasyUP	EasyACT
pH (1%) ±0.5.....	6.6	5.9
Density (g/mL) ±0.02.....	1.15	1.37

Methods of application: FOLIAR

CROP	TIME OF APPLICATION	TARGET
Cherry	50-30 days before flowering	▪ Uniform sprouting and flowering ▪ Provide better fruit setting
Table grape	50-30 days before sprouting	▪ Reduce the apical dominance ▪ Uniform sprouting along the cane ▪ Increase number of bunches reducing the blind buds
Kiwifruit green pulp	50-30 days before sprouting	▪ Provide better sprouting ▪ Increase king flowers per winter bud
Kiwifruit yellow pulp	45-30 days before sprouting	▪ Uniform flowering and fruit setting
Peach and nectarine	40-30 days before flowering	▪ Uniform sprouting and flowering ▪ Provide better fruit setting

For application rates, contact our technical service

Warnings: The product can be mixed with all common formulations, except with products based on Copper and Sulphur, mineral oils and emulsions. A simple mixture test to check compatibility is advisable. Apply in areas with less than 500 chilling hours ($t < 7,2^{\circ}\text{C}$). Do not apply when temperatures are lower than 5°C . Do not use on plants younger than 3 years of age. May determine phytotoxicity on plants that are weak or nor properly lignified. Any treatment with mineral oils should be carried out at least 8-10 days after the application of EasyUP + EasyACT. Avoid applying the product (even by drifting) on vegetating or evergreen crops (i.e. olive, citrus, etc.)



Size

EasyUP: 5 L - 20 L
EasyACT: 5 L - 20 L

EasyUP should be associated with EasyACT



Specialties

Ert 23 Plus

Bio activator of sprouting, flowering and fruit setting

- Improves and uniformes sprouting
- Favours uniform flowering and fruit setting



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FARMING



Ert 23 Plus

Bio activator of sprouting, flowering and fruit setting

- Improves and uniformes sprouting
- Favours uniform flowering and fruit setting

Components

Seaweed extracts (*Macrocystis integrifolia*), Folic acid, Glycine betaine, alfalfa extracts

Properties

ERT 23 PLUS is a biostimulant, particularly indicated to stimulate sprouting and flowering uniformity, pollination and fruit set processes. The formula contains plant extracts and Seaweed extracts (*Macrocystis integrifolia*) that supply **amino acids, vitamins polysaccharides to activate plant metabolic pathways and energy production**. The other organic compound is **glycine betaine**, which allows the recovery from the metabolic stress and abiotic stress. **Folic acid** is an essential vitamin needed for cell growth and division, DNA replication and protein synthesis in cells.

Analysis

Organic nitrogen (N).....	1.5%
Organic carbon (C) of biological origin	11%
Potassium oxide (K ₂ O).....	6.1%
Betaines	10%

Physico-chemical properties

pH (1%) ±0.5.....	8.3
Density (g/mL) ±0.02.....	1.21

Methods of application: FOLIAR

CROP	TARGET	PHENOLOGICAL PHASE	NUMBER OF APPLICATIONS
Vegetable crops, fruit trees and industrial crops	Optimize flowering	Before flowering	1-2
	Uniform flowering	At the Beginning of flowering	
	Improve pollen germination and fruit setting	At the end of flowering	
Pome fruits	Increase the size of king flower and king fruit	At pink bud stage, at 30-40%	3
Vegetable crops and fruit trees	Increase fruit size	At early stages of fruit growth	2-3
	Root development and elongation	Any time after root formation	1-2 in fertigation
Flower crops	Promote flower buds growth and opening	During flower formation and flower growth	According to the flower growth

For application rates, contact our technical service

Compatibility: The product can be mixed with all common formulations, except with products based on Copper and Sulphur, mineral oils and emulsions. A simple mixture test to check compatibility is advisable



Size
1 L - 5 L



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Specialties

Ionifoss line

- Facilitates nutrient uptake and transport
- Enhances the biosynthesis of plant's natural compounds to fortify vegetal tissues



Ionifoss

Promoter of plant's endogenous resistance

- Reinforces plant tissues and cell walls
- Increases tolerance of plant against multiple stresses
- Favours assimilation and translocation of nutrients

Components

Macro elements

Properties

IONIFOSS contains potassium and phosphorous, with a high penetration and translocation capacity in plant tissues from both leaves and roots. The product, once absorbed, **shows a real systemic activity**, both in upwards and downwards, which allows it to quickly reach to all plant's organs. The primary action of the product consists in promoting the production of natural substances involved in **reinforcing plant tissues and cell walls**, thus, IONIFOSS helps to increase the plant's tolerance to multiple stresses. Besides, IONIFOSS **improves nutrients and active principles uptake**, eventually distributed in association, and has a **"vasodilatory" action**, particularly effective in cases of poor absorption due to physiological alterations (e.g. graft disorders, age of plants, etc.) or to pedoclimatic conditions.

Analysis

Phosphoric anhydride (P_2O_5) water soluble..... 30%
Potassium oxide (K_2O) water soluble 20%

Physico-chemical properties

pH (1%) ± 0.55.0
Density (g/mL) ± 0.05 1.39

Methods of application: FOLIAR

CROP	PHENOLOGICAL PHASE	NUMBER OF APPLICATIONS
Fruit trees, wine and table grape	After vegetative regrowth, preflowering, during fruit swelling	3-6, every 7-10 days
Vegetable and industrial crops	During the whole crop cycle	3-6, every 7-10 days
Ornamental and flower crops, nurseries	During the whole crop cycle	3-6, every 7-10 days

For application rates, contact our technical service

Compatibility: The product can be mixed with all common formulations, except with mineral oils, emulsions, products based on copper.



Size

1 L - 5 L - 20 L - 200 L - 1000 L

Ionifoss Cu

Bio-Activator of natural barriers and strengthener of vegetal tissues

- Activates natural barriers of plants
- Fortifies vegetal tissues and improves lignification process
- Promotes plants growth by enhancing their nutritional state

Components

"Activated" Copper, Phosphonate

Properties

IONIFOSS CU is a specialty based on phosphonates which are systemic compounds very effective in plants on promoting synthesis of natural substances involved in **barrier mechanisms** to adverse conditions.

The copper contained into the product is quickly and fully available thanks to the strong "complexing" action of phosphonates; this micro-nutrient is an essential constituent of several enzymes, such those one involved in cell respiration (cytochrome-oxidase) for the production of metabolic energy and in **lignification** process, very important especially before plants enter in the dormancy period.

Thanks to those features, the product strengthens and firm vegetal tissues by making them **more resistance to stress periods and mechanical shock**.

Analysis

Copper (Cu) water soluble4%

Physico-chemical properties

pH (1%) ± 0.5 7.8

Density (g/mL) ± 0.05 1.32

Methods of application: FERTIGATION/FOLIAR

CROP	PHENOLOGICAL PHASE	NUMBER OF APPLICATIONS
Fruit trees, Wine and Table grape, Olive, Kiwifruit	During whole crop cycle	3-6 at 7-10 days apart
Tropical crops (Avocados, Mangoes, Bananas, Pineapples, etc.)		
Vegetables and row crops		
Greenhouse crops		
Flower and ornamental crops		

IONIFOSS CU can also be used by fertigation, from first crop stages 2-4 treatments at 10-15 days apart

For application rates, contact our technical service

Compatibility: The product can be mixed with all common formulations, except with products based on Copper, mineral oils and emulsions. A simple mixture test to check compatibility is advisable.



Size
5 L - 20 L





Specialties

Macys BC 28

Biostimulant for the vegetative and productive growth

- Promotes root, plant and fruit growth stimulating cell division and expansion (auxin-like and cytokinin-like activity)
- Enhances plant response to environmental stresses
- Maintains the water balance between the plant cell and environment



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Macys BC 28

Biostimulant for the vegetative and productive growth

- Promotes root, plant and fruit growth stimulating cell division and expansion (auxin-like and cytokinin-like activity)
- Enhances plant response to environmental stresses
- Maintains the water balance between the plant cell and environment

Components

Seaweed *Macrocystis integrifolia* 100%

Properties

MACYS BC 28 is a nutritional specialty based on 100% brown seaweed *Macrocystis Integrifolia* harvested by hand from the crystal-clear, unpollutant water of British Columbia. *Macrocystis Integrifolia* is manufactured entirely mechanical and using ultrasound cold extraction without any addition of chemical substances providing to preserve all the biological compounds presents in seaweed (chemical and thermal extraction methods are known to denature many important compounds). Thus, MACYS BC 28 retains all of the *Macrocystis*' natural components such polysaccharides (alginates, mannitols, laminarin, fucoidans) natural growth substances, amino acids, vitamins and nutrients. These phytoactive substances give MACYS BC 28 both a nutritional and biostimulation effect. In first phases of crop cycle, MACYS BC 28 stimulates roots and sprouts development; during the flowering phase it favours the fruit setting, in final phases improves fruit size and qualitative features, enhancing plant response to environmental stresses.

Analysis

Organic nitrogen (N)..... 0.2%
Organic carbon (C) of biological origin..... 0.7%

Physico-chemical properties

pH (1%) ±0.5.....4.8
Density (g/mL) ±0.05..... 1.00

Methods of application: FOLIAR

CROP	PHENOLOGICAL PHASE	NUMBER OF APPLICATIONS
Fruit trees	During the whole crop cycle, also in case of environmental stress	2-3, every 10-15 days
Wine and table grape		2-3, every 10-15 days
Vegetable and industrial crops		1-2, every 10-15 days
Ornamental and flower crops*, Nurseries		1-2, every 10-15 days

(*) Do not treat when petals appear.

For application rates, contact our technical service

Compatibility: The product can be mixed with all common formulations, except with mineral oils and emulsions. A simple mixture test to check compatibility is advisable.



Size
1 L - 5 L



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Specialties

RadiCifo

Bio activator of root and plant growth

- Stimulates the rooting process during all crop cycle
- Improves nutrient uptake
- Increases fruit size and uniformity



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RadiCifo

Bio activator of root and plant growth

- Stimulates the rooting process during all crop cycle
- Improves nutrient uptake
- Increases fruit size and uniformity

Components

Organic acids, plant extracts, chelated micronutrients, vitamins

Properties

RADICIFO is an innovative specialty, purposely developed to stimulate the rooting process and the balanced plant growth during the crop cycle. RADICIFO improves root formation and growth, nutrient uptake and soil structure thanks to synergic effect of **phytosaponins (natural adjuvants)**, **glycine betaine** and **organic acids which present in plant extracts**. The formula contains different organic compounds with a biostimulant action on vegetal physiology that help fruit growth leading to increase fruit size and uniformity.

Analysis

Organic nitrogen (N)..... 1%
Organic carbon (C) of biological origin 10%
Organic matter with nominal molecular weight <50 kDa:..... 30%

Physico-chemical properties

pH (1%) ±0.5.....4.4
Density (g/mL) ±0.02..... 1.13

Methods of application: FERTIGATION

CROP	PHENOLOGICAL PHASE	NUMBER OF APPLICATIONS
Fruit trees and table grape	Beginning of flowering	3 - 4
	After fruit set	
	Fruit enlargement	
Strawberry	10 - 15 days after transplanting	3 - 4
	Vegetative growth	
	Pre-flowering	
	Fruit enlargement	
Open field crops, industrial crops	10 - 20 days after transplanting	In indeterminate and long-cycle crops, repeat the application periodically
	After fruit set of the 1 st truss	
	Fruit enlargement	
Greenhouse crops	10 - 20 days after transplanting	In indeterminate and long-cycle crops, repeat the application periodically
	After fruit set of the 1 st truss	
	Fruit enlargement	
Leafy vegetable crops	10 days after transplanting	2 - 3
Flower crops and potted plants	10 - 12 days after transplanting	3
	Flower bud formation	
	Flower stalk elongation	

For application rates, contact our technical service

Compatibility: The product can be mixed with all common formulations; avoid concentrated blends with acid reaction products. A simple mixture test to check compatibility is advisable.



Size
20 L - 200 L - 1000 L



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Specialties

Sinergon line

- Promotes plant growth
- Favours plant recovery from multiple stresses



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Sinergon 2000

Bio activator of plant growth based on vegetal amino acid and seaweed *Macrocystis integrifolia*

- Boosts crop vegetative development
- Increases crop tolerance to adverse environmental conditions
- Stimulates growth after agrochemical applications

Components

Macrocystis integrifolia seaweed extract, Amino acids of vegetal origin

Properties

SINERGON 2000 is a specialty containing L-amino acids of vegetal origin, which derive from an enzymatic hydrolysis, and seaweed extracts (*Macrocystis integrifolia*) derived from a mechanical process. In this way, all active components, remain in their natural form and biologically stimulate the vegetal metabolism. In particular, SINERGON 2000 is rich in amino acids (e.g. tryptophan-the precursor of auxin synthesis), thus promotes protein biosynthesis and plant growth in normal conditions as well as during environmental stresses. The synergetic action of amino acids and growth factors allows SINERGON 2000;

- to quickly overcome plant growth arrests after agrochemical applications and at stress conditions
- to promote balanced vegetative development and productivity
- to optimize the efficacy of associated agrochemicals

Analysis

Organic nitrogen (N).....6%
Biological origin organic carbon (C)25.2%
Organic matter with nominal molecular weight <50 kDa..... 35%

Physico-chemical properties

pH (1%) ±0.5.....6.9
Density (g/mL) ±0.02..... 1.27

Methods of application: FOLIAR

CROP	PHENOLOGICAL PHASE	NUMBER OF APPLICATIONS
Fruit trees, wine and table grape	During the whole crop cycle	3-4, every 7-10 days
Vegetable and industrial crops	During the whole crop cycle	3-4, every 7-10 days
Cereals	During the whole crop cycle	1-2
Flower and ornamental crops	During the whole crop cycle	2-3, every 7-10 days

For application rates, contact our technical service

Compatibility: The product can be mixed with all common formulations, except with products based on Copper and Sulphur, mineral oils and emulsions. A simple mixture test to check compatibility is advisable.



Size

1 L - 5 L - 20 L



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Sinergon 3000

Bio activator of plant and fruit growth

- Promotes the vegetative and productive growth
- Favours plant recovery from environmental and physiological stress
- Improves the tillering of cereals, increasing the yield per hectare

Components

Concentrate of natural Amino acids and Peptides

Properties

SINERGON 3000 is a biostimulant, from the animal epithelium processed by an enzymatic process. The obtained specific formulation is **very rich of natural aminoacids (L-)**, with an established ratio between **Glycine and Proline+Hydroxyproline**, that makes the product able to act positively on several biochemical processes of plant. SINERGON 3000 has a stimulant action on **the development of new vegetal tissues (buds, sprouts) and on fruit swelling**; reduces damages caused by environmental stress, in particular sudden termic changes and high temperatures during the summer period.

Analysis

Total nitrogen (N)8%
Organic nitrogen (N)8%
Organic carbon (C) of biological origin 22%

Physico-chemical properties

pH (1%) ±0.55.5
Density (g/mL) ±0.02 1.19

Methods of application: FOLIAR

CROP	PHENOLOGICAL PHASE	NUMBER OF APPLICATIONS
Fruit trees	During the whole crop cycle	2-3, every 7-10 days
Wine and table grape	During the whole crop cycle	2-3, every 7-10 days
Cereals	At tillering-Earing	1-2
Vegetable and industrial crops	During the whole crop cycle	1-2, every 7-10 days
Ornamental and flower crops, nurseries	During the whole crop cycle	1-2, every 7-10 days

For application rates, contact our technical service

Compatibility: The product can be mixed with all common formulations, except with mineral oils, emulsions and products based on copper, sulfonylurea, Polysulfide and docrine. A simple mixture test to check compatibility is advisable.



Size
1 L - 5 L - 20 L



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Sinergon Cu

Strengtheners of plant cell wall

- Prevents and cures copper deficiencies
- Enhances copper uptake and translocation
- Enhances the natural plant vigour, strengthening cell walls and plant tissues

Components

Proteinated Copper

Properties

SINERGON Cu nourishes and strengthens the plant providing Copper complexed with amino acids obtained from enzymatic hydrolysis that preserves its structure and functionality. Thanks to SINERGON Cu's characteristics, Copper can be highly assimilated by the plant. SINERGON Cu cures and prevents Copper deficiencies, stimulates lignin synthesis, thus improving cellular walls resistance. Due to the synergic action of copper and amino acids, SINERGON Cu allows the plant to rapidly overcome the multiple stresses strengthening plant tissues. Moreover, its highly efficient formulation reduces the amount of pure copper per hectare by its application.

Analysis

Organic nitrogen (N).....	3%
Organic nitrogen (N) soluble.....	3%
Copper (Cu) water soluble.....	6.2%
Organic carbon (C) of biological origin.....	10%

Physico-chemical properties

pH (1%) ±0.5.....	8.3
Density (g/mL) ±0.02.....	1.34

Methods of application: FERTIGATION

CROP	PHENOLOGICAL PHASE
Fruit trees, wine and table grape, vegetables and industrial crops	During the whole cycle, according to crop requirements. Localized at sowing/transplanting with sowing/transplanting machine
Greenhouse crops	During the whole cycle, according to crop requirements

Methods of application: FOLIAR

CROP	PHENOLOGICAL PHASE
Fruit trees	Bud swelling, 1 treatment Localized at sowing/transplanting with sowing/transplanting machine Post-harvest, 1-2 treatments
Wine and table grapes	From sprouting to fruit coloring, treatments at 7-10 days apart
Olive	From vegetative regrowth to harvest, 3-4 treatments at 7-10 days apart
Processing tomato	During the whole cycle, 3-4 treatments at 7-10 days apart
Cereals	Tillering-beginning of stem elongation and heading

Avoid applications during full flowering by foliar application. Sinergon Cu should be applied alone by foliar application.

[For application rates, contact our technical service](#)

Compatibility: The product can be mixed with all common formulations. A simple mixture test to check compatibility is advisable.



Size
1 L - 5 L - 20 L



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Specialties

Supernat 93

Soil improver

- Improves the nutrients uptake in "untextured" soils
- Revitalizes impoverished soils, improving fertility characteristics



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Supernat 93

Soil improver

- Improves the nutrients uptake in “untextured” soils
- Revitalizes impoverished soils, improving fertility characteristics

Components

Polysaccharides, Aminoacids of vegetal origin, Potassium

Properties

SUPERNAT 93 is an **activator of soil fertility-nutrients uptake**, very effective also in “untextured” soils. The formulation contains polysaccharides, enzymes and aminoacids with a positive action both on roots and on biological soil characteristics. SUPERNAT 93 **favours nutrients uptake** by roots (macro and micronutrients), **improving fertilizers efficiency** distributed in combination with it. The product **stimulates enzymatic processes and the multiplication of soil microorganisms**, enhancing soil's biological activity and the root system health. The regular use of SUPERNAT 93, alone or in combination with NPK fertilizers, **revitalizes impoverished and “untextured” soils**, and **enhances the vegetative-productive growth**, determining higher yields.

Analysis

Organic Nitrogen (N) 2.7%
 (K₂O) Potassium oxide 4%
 Biological origin organic carbon (C) 10%

Physico-chemical properties

pH (1%) ±0.5 6.5
 Density (g/mL) ±0.06 1.28

Methods of application: FERTIGATION

CROP	PHENOLOGICAL PHASE
Fruit trees, wine and table grape	From the vegetative regrowth, also in combination with NPK fertilizers
Vegetable and industrial crops	During the whole crop cycle, also in combination with NPK fertilizers
Ornamental and flower crops, nurseries	During the whole crop cycle, also in combination with NPK fertilizers
To favour humification process of stubble and cultural residues	Apply in post-harvest

For application rates, contact our technical service

Compatibility: SUPERNAT 93 can be mixed at its use dose with all CIFO products. The mix with formulations with high acid or alkaline reaction must be done once these products have been diluted following their use dose



Size
20 L - 200 L - 1000 L



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top line

Nutritional efficacy with low environmental impact

TOP is a line of high innovative products characterized by **low environmental impact and high nutritional efficiency** thanks to the modulated release of nitrogen of proteic origin and other essential nutritional elements. TOP Line products obtained from the exclusive production process **FCH®** (Full controlled hydrolysis) contain high levels of "biologically active" organic carbon and the **APR®** (Proteic Activator of the Rhizosphere) molecule. Thanks to the small dimension of the pellets, easy and multifaceted mode of application allows an unrivaled high nutritional efficiency for crops with an optimal application elasticity for each need. As a result of extensive research and innovation, TOP Line is a union of nature, science and technology for a better agriculture and specialized farmers increasingly attentive to environmental needs.



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FULLY
CONTROLLED
HYDROLYSIS

APR

PROTEIC
ACTIVATOR OF THE
RHIZOSPHERE

- The raw material based on hydrolyzed gelatin creates a more favorable micro environment for useful microorganisms and plant development
- These products are exempt from sanitary regulation because the raw material processed is already "END POINT"

TOP_N

Promoter of soil fertility and plant growth

- Ensures a slow release organic nitrogen
- Promotes vegetative and productive growth of plant
- Increases soil biologic fertility and improves the absorption of the nutrients

Components

Hydrolyzed gelatin

Properties

TOP N is an organic microgranular biostimulant based on hydrolyzed gelatin for agricultural use. Thanks to the exclusive process FCH®, in the product are present three fractions of organic nitrogen with fast, medium and slow release for a balanced nitrogen supply throughout the crop cycle. The high nitrogen content combined with the extremely high fraction of extractable organic carbon and the water absorption capacity of the granules, **favor the activity of the soil microflora, thus increasing soil fertility.** The specific diameter of the product (0.7-2 mm) allows **LOCALIZED applications** through micro-granulators. Thanks to the presence of APR® and FCH® process, TOP N **increases plant tolerance to environmental stresses.**

Analysis

Organic nitrogen (N)	13%
Organic nitrogen (N) water soluble	5%
Organic carbon (C) of biological origin	42%
Extractable organic carbon (C)/Total organic carbon (C)	95%
pH in water	4.5

Methods of application: SOIL APPLICATION

CROP	METHOD OF APPLICATION
Pome, stone fruits and other fruit trees	At vegetative reawakening or in post-harvest
Wine and table grape, kiwifruit	At vegetative reawakening or in post-harvest
Citrus, olive, mango, avocado, banana and other tropical crops	In post-harvest
Vegetables in open field	Soil preparation before transplanting/sowing
Vegetables in greenhouse	Soil preparation before transplanting/sowing
Cereals and industrial crops	Soil preparation
	Localized at sowing
Flower and ornamental crops, nurseries	Soil preparation
	Mixed with potting soil
Turf and golf courses	Soil preparation or top dressing

For application rates, contact our technical service



Size
25 kg



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TOP_{NP 7-14}

Highly Available Phosphorus and Nitrogen

- Rich in highly available phosphorus
- Promotes fast root development at emergence and after transplant
- Has a starter activity on row crops

Components

Hydrolyzed gelatin, fluid hydrolyzed animal epithelium, phosphorus

Properties

TOP NP 7-14 is a pellet organo-mineral fertilizer with a biostimulant action, particularly rich in phosphorus and organic slow release nitrogen. The product can be applied for all crops, is ideal for application before sowing/transplanting, at vegetative recovery and at post harvest of fruit trees. The high quality of raw materials, processed through FCH® process and the presence of the APR® in the organic matrix make it a particularly innovative fertilizer having an optimal **starter effect with high level of available phosphorus**. Moreover TOP NP 7-14;

- Improves activity of beneficial rhizosphere microorganisms (increased soil fertility)
- Stimulates the development of absorbent

Analysis

Total Nitrogen (N).....	7%
Organic Nitrogen (N).....	7%
Total phosphorus pentoxide (P ₂ O ₅).....	14%
Phosphorus pentoxide (P ₂ O ₅) soluble in formic acid (2%).....	9%
Organic carbon (C) of biological origin	23%

Methods of application: SOIL APPLICATION

CROP	METHOD OF APPLICATION
Pome, stone fruits and other fruit trees	At vegetative reawakening
Wine and table grape, kiwifruit	At vegetative reawakening
Citrus, Olive, Mango, Avocado, Banana and other tropical crops	Before flowering
Vegetables in open field	Soil preparation before transplanting/sowing
Vegetables in greenhouse	Soil preparation before transplanting/sowing
Cereals and industrial crops	Soil preparation
Flowers, ornamentals and nurseries	Soil preparation
Turf and golf courses	Before sowing

For application rates, contact our technical service



Size
25 kg



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TOP NPK 7-5-14

Highly available nitrogen, phosphorus and potassium

- Rich in highly available potassium
- Supports fruit growth with high potassium demand
- Increases qualitative and commercial standards of final production

Components

Hydrolyzed gelatin, fluid hydrolyzed animal epithelium, potassium, phosphorus

Properties

TOP NPK 7-5-14 is a pellet organo-mineral fertilizer, especially rich in potassium with a biostimulant action. Moreover, it contains slow and controlled release organic nitrogen and phosphorus. TOP NPK 7-5-14 is mainly applied for fruit trees, vineyards and olive trees, as well as horticulture and extensive crops with high quality standards. The high potassium content supports fruit growth and improves quality standards in crops with high potassium demand.

The biostimulant complex **APR®** has a triple action on the roots, soil and nutrient absorption;

- Stimulates the development of absorbent roots
- Improves activity of beneficial rhizosphere microorganisms (increased soil fertility)
- Increases nutrient uptake due to highly available complexed nutritional elements

Analysis

Total Nitrogen (N).....	7%
Organic Nitrogen (N)	7%
Total phosphorus pentoxide (P ₂ O ₅).....	5%
Phosphorus pentoxide (P ₂ O ₅) soluble in formic acid (2%)	3%
Potassium oxide (K ₂ O) soluble in water	14%
Sulfur trioxide (SO ₃) soluble in water	10%
Organic carbon (C) of biological origin	24%

Methods of application: SOIL APPLICATION

CROP	METHOD OF APPLICATION
Pome, stone fruits and other fruit trees	At vegetative reawakening or in post-harvest
Wine and table grape, kiwifruit	At vegetative reawakening or in post-harvest
Citrus, Olive, Mango, Avocado, Banana and other tropical crops	Before or after flowering
Vegetables in open field	Soil preparation before transplanting/sowing
Vegetables in greenhouse	Soil preparation before transplanting/sowing
Cereals and industrial crops	Soil preparation
Flowers, ornamentals and nurseries	Soil preparation

For application rates, contact our technical service



Size
25 kg



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Meso and micronutrients

Essemax^{line}

Products for curing and preventing iron chlorosis

- Prevent and cure iron deficiencies
- Stimulate chlorophyll synthesis and photosynthesis
- Promote plant development and growth
- Improve fruit quality



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Essemax^{line}

Products for curing and preventing iron chlorosis

- Prevent and cure iron deficiencies
- Stimulate chlorophyll synthesis and photosynthesis
- Promote plant development and growth
- Improve fruit quality

A range of specific products to supply iron for all crops in any soil type

PRODUCT	PROPERTIES
Essemax 6-5.2 Iron chelate EDDHA 5.2% ortho-ortho	▪ Stable even in highly alkaline soils ▪ Highly persistent ▪ Rapid action ▪ Microgranular formulation
Essemax 6-4 Iron chelate EDDHA 4% ortho-ortho	▪ Rapid action ▪ High solubility ▪ Microgranular formulation

Analysis and physico-chemical properties

PRODUCT	ANALYSIS	pH (1% ±1.0)	RANGE*
Essemax 6-5.2	Iron (Fe) water soluble6% Iron (Fe) chelated with [o,o] EDDHA 5.2%	8.0	3.5-10
Essemax 6-4	Iron (Fe) water soluble6% Iron (Fe) chelated with [o,o] EDDHA4%	8.0	3.5-10

(*) of stability of the chelated fraction

For application rates, contact our technical service

Compatibility: The product can be mixed with all common formulations. A simple mixture test to check compatibility is advisable.



Size
1 kg



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Meso and micronutrients

Fast line

Liquid products based on meso and micro nutrients

- Cure and prevent of meso and micronutrient deficiencies
- High concentration and purity
- Fast uptake and transferring into vegetal tissues



Fast line

Liquid products based on meso and micro nutrients

Complete range of formulations based on meso and micro nutrients in concentrations and ratios which are suitable for the nutritional requirements of all crops.

PRODUCT	PROPERTIES
Borfast Boron ethanolamine	- Prevents and cures Boron deficiency disorders - Improves pollen germination AUTHORISED IN ORGANIC FARMING
Manganese Fast High content of manganese	- Prevents and cures Manganese deficiency disorders - Recommended for crops with high Manganese demand (pome fruit, citrus, kiwifruit, table grape, strawberry, cucurbits, solanaceous crops) - Increase the photosynthetic activity
Zinc Fast High content of zinc	- Prevents and cures physiopathies due to zinc deficiency - Recommended for crops with high Zinc demand (pome fruit, citrus, grapevine, stone fruit, corn, oilseed rape, green bean, onion, solanaceous crops) AUTHORISED IN ORGANIC FARMING
Copper Fast Copper chelate EDTA	- Prevents and cures Copper deficiency disorders - Promotes the leaf falling in autumn in nursery of fruit crops.
Molybdenum Fast Molybdenum sodium molybdate	- Prevents and cures physiopathies due to molybdenum deficiency - Recommended for crops with high molybdenum demand (leaf vegetables, cauliflower, cabbage, melon, sugar beet, rape, tomato, potato, pointsettia and other flowering plants) AUTHORISED IN ORGANIC FARMING
Magnesium Fast High penetration of Magnesium	- Prevents and cures physiopathies due to magnesium deficiency - Promotes photosynthesis
Calcium Fast Calcium chelate	- Prevents and cures calcium deficiency disorders - Improves tissue consistency and prolongs shelf life

Size

1 L

Fast line

Liquid products based on meso and micro nutrients

Analysis and physico-chemical properties

PRODUCT	ANALYSIS	pH (1%) ± 0.5	DENSITY (g/mL) ± 0.05
Borfast	Boron (B) water soluble 11%	8.74	1.37
Manganese Fast	Manganese (Mn) water soluble..... 13.3%	3.6	1.52
Zinc Fast	Zinc (Zn) water soluble..... 10%	5.8	1.30 ± 0.10
Copper Fast	Copper (Cu) chelated with EDTA..... 7.5%	6.9	1.25
Molybdenum Fast	Molybdenum (Mo) water soluble..... 5.4 %	5.9	1.10
Magnesium Fast	Magnesium oxide (MgO) water soluble 6% Sulphur trioxide (SO ₃) water soluble..... 12%	8.8	1.30
Calcium Fast	Calcium (Ca) chelated 30%	6.0	1.20

For application rates, contact our technical service

Compatibility: The product can be mixed with all common formulations, except with mineral oils and emulsions. A simple mixture test to check compatibility is advisable.





Meso and micronutrients

Mikrom line

Powder products based on mixture of meso and micronutrients

- Specific for the cure and prevention meso and micronutrient deficiencies
- Mixed of all essential micronutrients
- High absorption and rapid cure



Mikrom line

Powder products based on mixture of meso and micronutrients

- Specific for the cure and prevention meso and micronutrient deficiencies
- Mix of all essential micronutrients
- High absorption and rapid cure

Complete range of mixed nutrients in concentrations and ratios which are suitable for the nutritional requirements of all crops. The high quality standard and the complete solubility of the raw materials assure the prompt action and efficacy of each product.

PRODUCT	PROPERTIES
Mikrom 3 MgO + 6 SO₃ + TE Mixture of chelated micro nutrients	▪ Supplies magnesium and all the main micro elements ▪ High solubility and pureness of its components ▪ Maximum efficacy with fast absorption and rapid cure of the deficiencies
Mikrom 15.0.5 + 9 MgO + TE Fertilizer for the vegetative growth and the prevention of micro nutrient deficiencies	▪ Improves vegetative development and fruit quality ▪ Favors the development of buds and flowers ▪ Prevents magnesium, manganese and zinc deficiencies
Mikrom BZn Mixture of high content of zinc and boron	▪ Supplies nutrients to fruit tree buds in autumn ▪ allows flower organ to form regularly ▪ AUTHORISED IN ORGANIC FARMING

Analysis and physico-chemical properties

PRODUCT	ANALYSIS	pH (1%) ±0.5	RANGE*
Mikrom 3 MgO + 6 SO₃ + TE	Boron (B) water soluble 0.5% Copper (Cu) chelated by EDTA 0.5% Iron (Fe) chelated by EDTA 4% Manganese (Mn) chelated by EDTA 4% Molybdenum (Mo) water soluble 0.2% Zinc (Zn) chelated by EDTA 1% Magnesium oxide (MgO) water soluble 3% Sulphur trioxide (SO ₃) water soluble 6%	6.7	2-10
Mikrom 15.0.5 + 9MgO + TE	Total nitrogen (N) 15% Ureic nitrogen (N) (low in biuret) 13.6% Nitric Nitrogen (N) 1.4% Potassium oxide (K ₂ O) water soluble 5% Magnesium oxide (MgO) water soluble 9% Boron (B) water soluble 0.1% Manganese (Mn) water soluble 5% Zinc (Zn) water soluble 4%	4.7	
Mikrom BZn	Boron (B) water soluble 10% Zinc (Zn) water soluble 11%	2.7	

(*) of stability of the chelated fraction

For application rates, contact our technical service

Compatibility: The product can be mixed with all common formulations. A simple mixture test to check compatibility is advisable.



Size
1 kg



Meso and micronutrients

Other products based on meso and micronutrients

- Specific to prevent and cure meso and micronutrients
- Promote plant development
- Improves qualitative features of fruits and vegetables



Other products based on meso and micronutrients

- Specific to prevent and cure meso and micronutrients
- Promote plant development
- Improves qualitative features of fruits and vegetables

Products with a great compatibility with vegetal tissues which allows the uptake of high concentrations of nutrients with no risk of phytotoxicity. The high quality standard and the complete solubility of the raw materials assure the prompt action and efficacy of each product.

PRODUCT	PROPERTIES
S3 Foliar Mixture of iron and manganese with <i>Macrocystis integrifolia</i> extracts	▪ Highly stable and persistent ▪ Rapid action ▪ Liquid formulation ▪ AUTHORISED IN ORGANIC FARMING
Neobit Calcium chloride	▪ Prevents Calcium deficiency disorders ▪ Improves tissue firmness ▪ AUTHORISED IN ORGANIC FARMING
Idrofloral Ca L Calcium nitrate solution with magnesium and boron	▪ Prevents Calcium and Magnesium disorders ▪ Rapid absorption of calcium and magnesium by roots ▪ Boron acts sinergically with calcium improving tissue firmness

Analysis and physico-chemical properties

PRODUCT	ANALYSIS	APPLICATION	pH (1%) ±0.5	DENSITY (g/mL) ±0.05
S3 Foliar	DTPA chelated Iron (Fe)3% EDTA chelated Manganese (Mn)2%	FOLIAR	6.92	1.25
Neobit	Calcium oxide (CaO) water soluble15%	FOLIAR	6.8	1.9 ±0.03
Idrofloral Ca L	Total nitrogen (N)8% Nitric nitrogen (N).....8% Calcium oxide (CaO) water soluble12% Magnesium oxide (MgO) water soluble2% Boron (B) water soluble0.01%	FERTIGATION	4.1	1.45

For application rates, contact our technical service

Compatibility: The product can be mixed with all common formulations. A simple mixture test to check compatibility is advisable.

Size

S3 Foliar: 1 L

Neobit: 1 L - 20 L

Idrofloral Ca L: 20 L - 200 L



NPK foliar fertilizers

Cifo KS 64

Prompt effect of Potassium and Sulphur

- Enhances qualitative features (colour, taste, flavours)
- Increases the starch content in cereals
- Enriched with L-Proline



Cifo KS 64

Prompt effect of Potassium and Sulphur

- Enhances qualitative features (colour, taste, flavours)
- Increases the starch content in cereals
- Enriched with L-Proline

Properties

CIFO KS 64 is a formula especially created to provide cultivations with POTASSIUM and SULPHUR, in a totally assimilable shape. The innovative formula, thanks to the physiologically acid reaction and the presence of specific carriers with a complexing-protective action is characterised by an extraordinary absorption and translocation capability both on a leaf and root level.

CIFO KS 64 is enriched with L-Proline, a natural amino acid particularly indicated to fight hydrosaline stresses; it also promotes fruit and vegetables colouring during the cycle final stages. Under the agronomic profile, CIFO KS 64 allows to: Improve the quality of the final production: sugars content, colour, pulp consistency, smells and aromatic substances; Obtain plants more robust and resistant to environmental and physiological stresses.

Analysis

Potassium oxide (K_2O) water soluble 24%

Sulphur trioxide (SO_3) water soluble 40%

Sulphur trioxide from thiosulphate (S_2O_3) water soluble 40%

Physico-chemical properties

pH (1%) ± 0.5 5.9

Density (g/mL) ± 0.05 1.45

Methods of application: FOLIAR

CROP	PHENOLOGICAL PHASE	NUMBER OF APPLICATIONS
Fruit trees, wine and table grape	From fruit colouring	2-3 every 10-12 days
Vegetable and industrial crops	From central phases	1-2 every 10-12 days
Ornamental, turfs and nurseries	Central phases and before the winter stasis	2-3 every 10-12 days

For application rates, contact our technical service

Compatibility: The product can be mixed with all common formulations, except with mineral oils and emulsions. A simple mixture test to check compatibility is advisable.



Size
20 L



NPK foliar fertilizers

Floral line

NPK foliar fertilizer with micronutrients

- Complete and fast absorption by foliar
- High purity and solubility



Floral line

NPK foliar fertilizer with micronutrients

- Complete and fast absorption by foliar
- High purity and solubility

FLORAL is a range of foliar fertilizers obtained by selecting raw materials with high quality and purity, to reach a fast and complete solubilization and a low salinity solution. The formulations moreover contain adhesive agents and carriers which improve the foliar uptake and the transfer into vegetal tissues. FLORAL complement the traditional fertilization by roots and have a positive synergic action when distributed in combination with Cifo specialties.

PRODUCT	PROPERTIES
Floral N	Indicated during first vegetative phases, to support sprouting and vegetative growth, and preparing plants to flowering and fruit set.
Floral P	Favours the roots growth of seedlings after transplanting/emergence. Before flowering, supports the fruit set and anticipates the ripening process.
Floral K	Indicated for final phases to improve qualitative features (colour, sugar, flavours) and after harvest to nourish storage organs and increase the resistance to cold temperatures
Floral 20-20-20	Advised for all type of crops at any phenological phase of crop cycle. It's, however, particularly indicated after flowering to favour fruit and vegetable size.

Analysis

PRODUCT	N nitric	N amm.	N ureic	N total	P ₂ O ₅	K ₂ O	CaO	MgO	B	Cu EDTA	Fe EDTA	Mn EDTA	Mo	Zn EDTA	pH (1%)
Floral N	2	2	26	30	12	8	-	-	0.1	0.05	-	0.1	-	0.1	5.3 ±0.5
Floral P	-	11	-	11	30	11	22	-	0.1	0.05	-	0.1	-	0.1	4.5 ±0.5
Floral K	10	2	-	12	5	35	-	-	0.1	0.1	-	0.1	-	0.1	4.9 ±0.5
Floral 20-20-20	5.5	8	6.5	20	20	20	-	-	0.05	0.01	0.2	0.1	0.005	0.1	7.9 ±0.5

Methods of application: FOLIAR

PRODUCT	FRUIT TREES, WINE AND TABLE GRAPE, VEGETABLE AND INDUSTRIAL OPEN FIELD CROPS	GREENHOUSE VEGETABLE AND FLOWER CROPS
Floral N	After sprouting and during leaves/shoots development, 2-3 applications every 10-12 days	After transplanting or during the whole crop cycle, 2-3 applications every 10-12 days
Floral P	During leaves/shoots development up to pre-flowering, 2-3 applications every 10-12 days	During first vegetative phases up to pre-flowering, 2-3 applications every 10-12 days
Floral K	During fruit growth up to pre-harvest, 3-4 applications every 10-12 days	During fruit growth up to final phases of crop cycle, 3-4 applications every 10-12 days
Floral 20-20-20	After fruit setting or during the whole crop cycle, 3-4 applications every 10-12 days	After fruit setting or during the whole crop cycle, 3-4 applications every 10-12 days

For application rates, contact our technical service

Compatibility: The product can be mixed with all common formulations, except with mineral oils and emulsions. A simple mixture test to check compatibility is advisable.

Size

2,5 kg



NPK foliar fertilizers

Foxter 520

Starter effect fertilizer

- Improve vegetative growth of seedlings after sowing/transplanting
- Promotes root development



Foxter 520

Starter effect fertilizer

- Improve vegetative growth of seedlings after sowing/transplanting
- Promotes root development

Properties

FOXTER 520 is a formulation specially designed to provide crops with nitrogen and phosphorus in a perfectly assimilable form, to stimulate rooting, germination and vegetal growth (starter effect). The distribution of FOXTER 520 localized along the sowing/transplanting row, produces the following advantages:

- STARTER EFFECT and support to the growth of more effective absorbing roots thanks to the presence of new formulants and raw materials which are stable also at very low temperatures
- Specific microelements such as zinc and manganese, very important for first development stages
- Easy distribution thanks to the liquid formulation and low doses
- Thanks to its subacid pH, FOXTER 520 creates an optimal habitat around roots and seeds enhancing in this way the absorption of the nutritive elements.

Analysis

Total Nitrogen (N).....	5%
Ammoniacal nitrogen (N)	5%
Phosphorus pentoxide (P ₂ O ₅).....	20%
EDTA chelated Manganese (Mn)	0.1%
EDTA chelated Zinc (Zn).....	0.01%

Physico-chemical properties

pH (1%) ±0.5.....	6.6
Density (g/mL) ±0.05.....	1.20

Methods of application: FOLIAR

CROP	PHENOLOGICAL PHASE	NUMBER OF APPLICATIONS
Fruit trees, wine and table grape	After sprouting up to pre-flowering	2-3 every 10-12 days
Vegetable and industrial crops	Post-transplanting	1-2 every 10-12 days
Cereals (wheat, corn, etc.)	Before sowing/emergence	-
	Localized on the row during the sowing stage	-
Ornamental and flower crops, Nurseries	From post-transplanting	2-3 every 10-12 days

For application rates, contact our technical service

Compatibility: The product can be mixed with all common formulations, except with mineral oils, emulsions, Phosetil-Al, and products based on calcium. A simple mixture test to check compatibility is advisable.



Size

20 L - 200 L - 1000 L



NPK foliar fertilizers

Molifoss

Mixture of Fundamental Micronutrients for Plants

- Increases production in legumes
- Enhances root development in the early phases
- Improves photosynthetic activity and nitrogen metabolism



Molifoss

Mixture of Fundamental Micronutrients for Plants

- Increases production in legumes
- Enhances root development in the early phases
- Improves photosynthetic activity and nitrogen metabolism

Properties

Molifoss is a foliar fertilizer based on Phosphorus, Magnesium, Zinc, enriched with Manganese and Molybdenum, microelements that support plants during their growth and production phases. Deficiencies of those elements cause a poor nodulation therefore a reduction in nitrogen availability to the plant. **Due to the synergism of its components, Molifoss:**

- Increases production in legumes and improves the consistency of the pods
- Improves root growth in the early stages,
- Improves photosynthetic activity and nitrogen metabolism,
- Promotes the assimilation of nutrients by the plant due to its characteristic acidity.

Analysis

Manganese (Mn) water soluble..... 1%
Molybdenum (Mo) water soluble..... 0.5%
Zinc (Zn) water soluble..... 3%
Magnesium oxide (MgO) water soluble 2%

Physico-chemical properties

pH (1%) ± 0.5 2.0
Density (g/mL) ± 0.02 1.32

Methods of application: FOLIAR

CROP	PHENOLOGICAL PHASE
Leguminous	With herbicides or with other agrochemical products
Leafy vegetables	From the head formation together with agrochemicals swelling
Potato	Start the treatment while plants are 10 cm; repeat the treatment every 7-10 days, also together with agrochemicals

For application rates, contact our technical service

Compatibility: The product can be mixed with all common formulations, except with mineral oils, oil based insecticides, phosethyl-Al, dodine.



Size
10 L



NPK foliar fertilizers

N.S.Z. 26

Fertilizer for the improvement of productivity and protein content

- Long-lasting nitrogen
- Supports plant growth
- Increases protein content of cereals



N.S.Z. 26

Fertilizer for the improvement of productivity and protein content

- Long-lasting nitrogen
- Supports plant growth
- Increases protein content of cereals

Properties

N.S.Z. 26 is a liquid formulation specially designed to provide crops with Nitrogen in a form that is totally assimilable by the plants, through application to the leaves and soil, and fertigation. N.S.Z. 26 is obtained by blending several nitrogenous molecules with a high degree of purity, to ensure a constant, long-term nourishing action. In fact, it contains ingredients that are able to slow down nitrification process and inhibit urease activity. The presence of sulphur in the product, helps to acidify the soil, creates an ideal microenvironment for the absorption of the microelements by the roots and stimulates the formation of sulphured amino acids, improving the yield of the crops. The formulation also contains Zinc to stimulate the meristematic development of buds and roots.

Analysis

Total nitrogen (N)	26%
Nitric nitrogen (N)	6%
Ammoniacal nitrogen (N)	8%
Ureic nitrogen (N)	12%
Sulphur trioxide (SO ₃)	13%
Zinc (Zn)	0.01%

Physico-chemical properties

pH (1%) ±0.5.....	6.8
Density (g/mL) ±0.05.....	1.30

Methods of application: FOLIAR

CROP	PHENOLOGICAL PHASE	NUMBER OF APPLICATIONS
Fruit trees, wine and table grape	During leaves/shoots development up to pre-flowering	2-3 every 10-12 days
Vegetable and industrial crops	From first true leaves	2-3 every 10-12 days
Cereals		
Wheat, barley, etc.	Before flowering	1-2 application
Corn*	Before flowering	1-2 application
Ornamental and flower crops, Nurseries	From post-transplanting	2-3 every 10-12 days

(*) It is advisable to avoid to apply at hottest hours during day.

For application rates, contact our technical service

Compatibility: The product can be mixed with all common formulations, except with mineral oils, emulsions, Phosethyl-al, and products based on calcium. A simple mixture test to check compatibility is advisable.



Size
20 L - 200 L - 1000 L

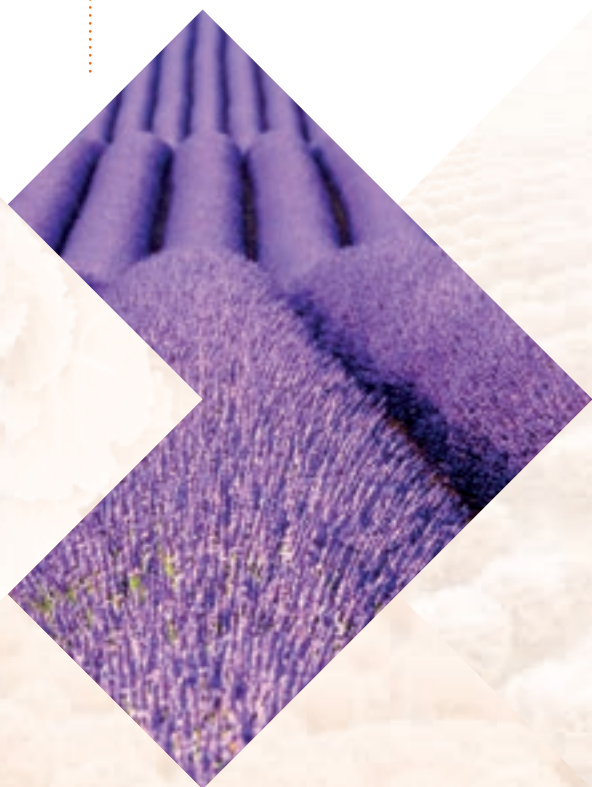


Fertigation products

Idrofloral Plus line

Highly soluble microcrystalline fertiliser for fertigation

- Extremely pure and soluble
- Contain magnesium and micronutrients chelated by EDTA
- Comprehensive of formulations with calcium
- Acid reaction



Idrofloral Plus line

Highly soluble microcrystalline fertiliser for fertigation

PRODUCT	PROPERTIES
14.22.11 + 8 CaO	Supply npk + Calcium
12.11.22 + 8 CaO	Supply npk + Calcium
21.7.14 + 3 MgO	Promote vegetative development
18.6.18 + 3 MgO	Promote vegetative development
13.40.13	Promote rooting and flowering
15.30.15 + 2 MgO	Promote rooting and flowering
20.20.20	Stimulate fruit enlargement
15.5.30 + 3 MgO	Promote fruit ripening
8.20.30	Promote fruit ripening

For application rates, contact our technical service

Compatibility: The product can be mixed with all common formulations, except with mineral oils and emulsions. A simple mixture test to check compatibility is advisable.

Size
25 kg

Idrofloral Plus line

Highly soluble microcrystalline fertiliser for fertigation

Analysis

PRODUCT	N nitric	N amm.	N ureic	N total	P ₂ O ₅	K ₂ O	CaO	MgO	B	Cu EDTA	Fe EDTA	Mn EDTA	Mo	Zn EDTA	pH*
14.22.11 + 8 CaO	4.4	4.1	5.5	14	22	11	8	-	0.01	0.01	0.02	0.01	0.005	0.01	3.7 ± 0.5
12.11.22 + 8 CaO	10	2	-	12	11	22	8	-	0.01	0.01	0.02	0.01	0.005	0.01	3.4 ± 0.5
21.7.14 + 3 MgO	2	5.8	13.2	21	7	14	-	3	0.01	0.01	0.02	0.01	0.005	0.01	3.8 ± 0.5
18.6.18 + 3 MgO	9.4	8.6	-	18	6	18	-	3	0.01	0.01	0.02	0.01	0.005	0.01	4.1 ± 0.5
13.40.13	4.1	8.9	-	13	40	13	-	-	0.01	0.01	0.02	0.01	0.005	0.01	4.7 ± 0.5
15.30.15 + 2 MgO	3.5	5.9	5.6	15	30	15	-	2	0.01	0.01	0.02	0.01	0.005	0.01	4.6 ± 0.5
20.20.20	4	3	13	20	20	20	-	-	0.01	0.01	0.02	0.01	0.005	0.01	3.7 ± 0.5
15.5.30 + 3 MgO	3.5	1.9	9.6	15	5	30	-	3	0.01	0.01	0.02	0.01	0.005	0.01	3.7 ± 0.5
8.20.30	1	3.9	3.1	8	20	30	-	-	0.01	0.01	0.02	0.01	0.005	0.01	3.4 ± 0.5

(*) 1% solution



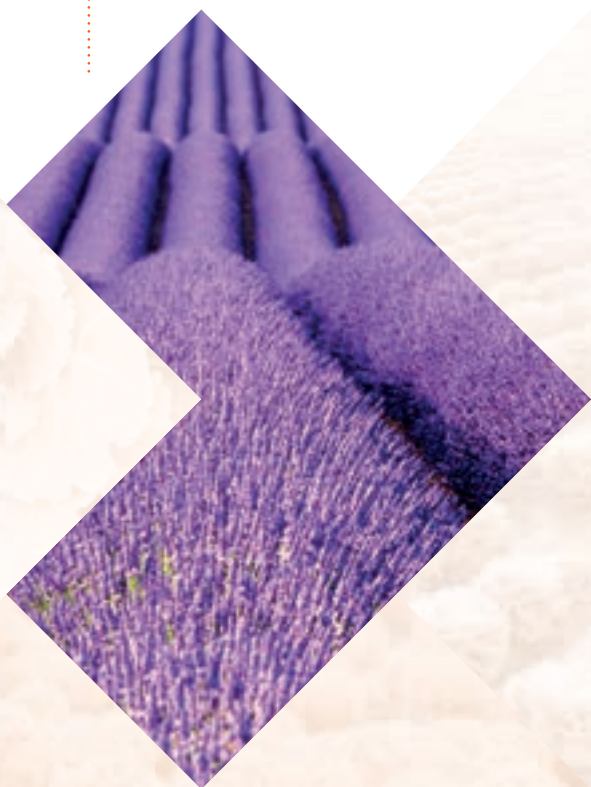


Fertigation products

Tech line

High technology in fertigation

- Highly purity and solubility
- Maximum absorption efficiency
- Low chloride and absence of sodium



Tech line

High technology in fertigation

- Highly purity and solubility
- Maximum absorption efficiency
- Low chloride and absence of sodium

TECH line are water soluble fertilizers made with extremely pure and soluble raw materials. Their high quality, guarantees maximum absorption efficiency, absence of residues and rapid preparation of the solution. The acid reaction creates optimal conditions of absorption in the root zone. The low chlorine content and the sodium absence allow its use without any phytotoxicity risk or soil's alteration. They are characterized by the **TE.CO. (Terpenic Compounds)** technology that improve their nutritional efficiency and allows a dosages decrease than traditional fertilizers.

PRODUCT	PROPERTIES
8-5-44	Promotes fruit quality
20-20-20	Stimulates fruit enlargement
15-10-30	Promotes fruit ripening
35-5-8	Promotes vegetative development

Analysis

PRODUCT	N nitric	N amm	N ureic	N total	P ₂ O ₅	K ₂ O	SO ₃	B	Cu EDTA	Mn EDTA	Mo	Fe EDTA	Zn EDTA	pH*	EC mS/ cm*	Solubilization time 10% (min.)
8-5-44	8	-	-	8	5	44	10	0.02	0.02	0.02	0.01	0.04	0.02	4.60	1	2
20-20-20	5.6	3.9	10.5	20	20	20	-	0.01	0.01	0.01	0.006	0.02	0.01	5.11	0.62	1
15-10-30	8.5	4	2.5	15	10	30	5	0.02	0.02	0.02	0.01	0.05	0.02	5.22	0.92	2
35-5-8	2	1	32	35	5	8	-	0.02	0.02	0.02	0.01	0.04	0.02	5.65	0.24	1.3

(*) 0.1% solution

For application rates, contact our technical service



Various products

Cifovir 1

Activator of treatments

- Improves the effectiveness of leaf treatments with 4 actions:
 - Acidifier with colour indicator
 - Emulsifier
 - Surfactant
 - Fertilizer



Cifovir 1

Activator of treatments

- Improves the effectiveness of leaf treatments with 4 actions:

Acidifier with colour indicator

Emulsifier

Surfactant

Fertilizer

Components

Nitrogen, phosphorous

Properties

CIFOVIR 1 is a formulation specially designed to improve the efficacy of the solutions normally used in agriculture. Due to its specific composition, CIFOVIR 1 guarantees 5 major types of action: Acidifier, Colour indicator, Emulsifier, Surfactant and Nutriment. CIFOVIR 1 acidifies the water used to prepare the mixtures to be distributed onto the leaves and improves the solubilization and homogenisation of the formulations to be used, increasing their adhesion and passage into the leaves, carrying out at the same time a nourishing and energetic action. The acidification of the water to optimal pH values prevents alkaline hydrolysis and the reduction in efficacy of the formulations to be used in the mixture.

Dose and instructions:

The doses vary according to the pH and bicarbonate content of the starting water, for this reason, CIFOVIR 1 is easy to use because the optimum dose is indicated by the water TURNING RED.

To change the pH of the water from 8.0 to 6.5, use 90-120 g of CIFOVIR 1 every 100 litres of water.

We recommend the following use:

fill the atomizer two-thirds full with water, add 60 g/hl of Cifovir 1, check the colour of the water (NB: yellow (pH $\geq$ 6.0), orange (sub-acidic pH 6.0-5.5), red (acidic pH $\leq$ 5.5), continue adding Cifovir 1 until the solution starts to turn a shade of red. At this point add the formulations to be used in the mixture with the rest of the water.

NB: colouring can change intensity depending on the different types of waters.

Analysis

Total nitrogen (N) 3%

Ureic nitrogen (N) 3%

Water-soluble phosphorus pentoxide (P_2O_5) 17%

Physico-chemical properties

pH (1%) $\pm 0.5\%$ 1.8

Density (g/mL) $\pm 0.05\%$ 1.17

For application rates, contact our technical service



Size
1 L - 10 L



For sustainable agriculture

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