

ZERO RESIDUE PRODUCTS NEMATODE PREVENTION

ZERO RESIDUE PRODUCTS FUNGI AND ROT PREVENTION

ZERO RESIDUE PRODUCTS
INSECT AND MITE PREVENTION

SPECIAL PRODUCTS

MICROORGANISMS, MYCORRHIZAE AND BENEFICIAL BACTERIA HUMIC AND FULVIC ACIDS

ORGANIC FERTILISERS

ORGANIC NITROGEN FERTILISERS

NPK ROOT AND FOLIAR FERTILISERS

MICROELEMENTS



From our website, www.bioaltitalia.com, you can buy, request information, consult the complete product catalogue, download it, consult and print the data sheets of each product. The product data sheets contain detailed information about their formulations, dosages and warnings.

www.bioaltitalia.com



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THE COMPANY

Bio A.L.T. Bio A.L.T. is a young, dynamic and highly technological Italian company, based on the values of agricultural sustainability and environmental protection.

Our primary objective is the research natural raw materials that are already part of the metabolic processes of plants, to produce high-tech formulations, that can improve the nutritional and health status of the crops.

The formulations of our products are exclusively made from natural, zero-residue raw materials, and are safe for the farmer and the consumer. Overall, in line with the demands of large-scale retailers, our product catalogue allows client companies to produce a wide range of products with high quality and zero residuals.

The company operates in two sectors:

Agriculture:

We produce formulations helping to solve phytosanitary problems in production process.

Environment:

We produce formulations of organic matter degraders for composting and septic tanks.

The customer-focused approach of our sales network enables targeted and precise treatment for every plant problem.

We utilize natural tools able to cope phytosanitary adversities, with the aim to rebalance the ecosystem stabilizing its natural homeostatic capacities.

Stabilization of normal natural soil and air balance, in addition to usual integrated and organic pest management practices, results in stronger and healthier plants less susceptible to biotic and abiotic pests. We are firmly convinced that guaranteeing a healthier and more functional environment to future generations it's essential. For these reasons, we work daily with the aim to ensure the highest quality of our products and, consequently, guaranteed results.



RESISTANCE INDUCERS, MICROORGANISMS AND ADJUVANTS

Resistance inducers based on plant extracts

In the course of the evolutionary process, plants developed various defense mechanisms to protect themselves against fungi, viruses, bacteria and insects.

There are various chemical substances able to activate the plant defense mechanisms needed to protect itself from different attacks, called "INDUCERS OF RESISTANCE".

To protect plants against fungi and bacteria, inducers of resistance can activate mechanisms of defense if administered externally: the resistance mechanism is activated as soon as the pathogen penetrates in the first intercellular spaces and is identified chemically. The biochemical

signal produced is sent to the entire plant down to the roots and makes the plant capable of resisting future attacks. These complex self-defense mechanisms are part of the phenomena known as ASR (ACQUIRED SYSTEMIC RESISTANCE).

Instead, to defend against insects, mites and nematodes, there are a large number of natural molecules in nature that enable plants to defend themselves. We can briefly group the substances produced by plants to defend themselves against phytophagous insects into three different classes:

REPELLANTS defined as substances that repel pests irritating or releasing unpleasant odors;

FEEDING INITIATIVES defined as those substances which, once they have been ingested induce the insect not to feed;

GROWTH REGULATORS defined as those substances that prevent insects to reach the reproductive phase.

The advantages of using plant extracts for plant defence against phytophagous pests are various: rapidity of action, safety for the operator and and the end consumer, absence of deficiency periods, respect for the environment and useful insects, difficulty in developing resistance phenomena







Natural product.

NEMATEX is a modern ASR inducer based on plant extracts. The formulation contains plant extracts that, in contact with water, gasify releasing allyl isothiocyanate. It improves the plant's ability to recover vigor following different stress in absence of residues.

To increase the effectiveness of the product, we recommend combining it with organic products or humic acids (see our catalogue under

COMPOSITION	PLANT EXTRACTS 100%
PACKAGE	BOTTLE - CANISTER 1 - 4 L

CROPS	APPLICATION: ROOT	DOSES
HORTICULTURE	Current crop: The product should be used in fertigation with a large volume of water, as soon as the first symptoms of stress appear	200-250 ml./1000 m²
ARBOREAL	Fertigation: The product should be used with a large volume of water, as soon as the first symptoms of stress appear	2,5-3 L./Ha.
ORNAMENTAL	Fertigation: The product should be used, with a large volume of water, as soon as the first symptoms of stress appear	2,5-3 L./Ha.

The product should be used with recommended doses, as excess doses may have phytotoxic effects on the crop. The product should be used during cooler hours of the day. To avoid residues, it is advisable to wash the equipment after the distribution of the product. We recommend the use of OURROOT to promote the release of new capillaries.

NB: on sensitive crops such as melons, courgettes, cucumbers, aubergines and peppers, it is advisable not to use Nematex.

do not mix with copper or sulphur-based products, alkaline reacting products or oil-based products. In case of miscibility with other products a compatibility test is recommended.













AZUL



Prevention of fungi and bacteria in total absence of residues. Zero residue product.

AZUL is a modern ASR inducer based on Liliaceae that improves the plant's ability to regain vigor after stress in the absence of residues.

In order to effectiveness of the product, we reccomend combining it with organic products or humic acids (see our catalogue under

ORGANICS and HUMIC ACIDS).

COMPOSITION	PINACEAE EXTRACT 70% ASTERACEAE EXTRACT 15% ADJUVANTS Q.B. LIQUID FORMULATION
PACKAGE	BOTTLE 250 ML., BOTTLE - CANISTER 1 - 5 L.
ASPECT	LIQUID, STRAW YELLOW COLOUR

CROPS	APPLICATION	DOSES
WINE AND TABLE	Foliar	750 ml./Ha. alone or in combination with chemical fungicides
GRAPES	Foliar: berry enlargement	1 L./Ha.
KIWI-CITRUS FRUITS FRUITS (POME AND STONE FRUIT)	Foliar: from the start of shoots adallegation	750 ml./Ha. alone or in combination with chemical fungicides
HAZEL, WALNUT, CHESTNUT	Foliar: enlargement	1 L./Ha.
GREENHOUSE AND FIELD VEGETABLES	Foliar	When necessary: 1lt/Ha.
LEAFY VEGETABLES	Foliar	When necessary: 1lt/Ha.
CEREALS AND LEGUMES	Foliar	When necessary: 1lt/Ha.
FLORICULTURE AND AROMATICS	Foliar	When necessary: 1lt/Ha.
ALL TYPES OF CROPS	Root	2,5 – 4 L. / Ha.

AZUL is a completely natural product that can be used both in organic and integrated farming, alone or in combination with other products Bio A.L.T. Warnings: There are no incompatibility problems of miscibility with the other Bio A.L.T. products . If the product is to be mixed with chemical formulations based on copper and sulphur we recommend preliminary tests. We do not recommend their use in combination with formulations with acidic pH.











AZUL S-CU



Zero residue product.

AZUL S-CU is a modern ASR inducer based on plant extracts from PINACEE family combined with Sulphur and Copper, able to stimulate the production of phytoalexins and proteins with antimicrobial activity. It can improve the ability of the plant to recover vigor after different stress in the total absence of residue.

The product can be used in both root and folia. Reinforcing the addiction to copper, the product supports the natural endogenous plant defenses against biotic stresses.

COMPOSITION	PINE EXTRACT 10% SULPHUR 12% COPPER OXYCHLORIDE 8% BORON (B) 0.5
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PACKAGE

BOTTLE 250 ML., BOTTLE - CANISTER 1 - 5 L.
LIQUID FORMULATION

ASPECT	LIQUID, COLORE BLU			
CROPS	APPLICATION	DOSES	PERIOD	INTERV.
CEREALS AND	Foliar	1 L. Ha.	from firts leaf to	1 - 2
LEGUMES	Foliar	200 ml. x 100 L. water	harvest	
GREENHOUSE	root	250 - 300 ml. x 1000 m ²	during the entire	3 - 5
VEGETABLES	Foliar	200 ml. x 100 L. water	crop pcycle	3 3
POME AND	root	4 L. Ha.	from pre- flowering	3 - 4
STONE FRUIT	Foliar	250 ml. x 100 L. water	at vegetative recovery	2 - 4
OPEN FIELD VEGETABLES	root	2,5 - 3 L. Ha.	during the entire crop pcycle	3 - 5
OLIVE TREE	Foliar	2 L. Ha.	during the entire crop pcycle	2 - 4
CITRUS FRUITS	Foliar	2 L. Ha.	during the entire crop pcycle	2 - 5
KERNEL	Foliar	2 L. Ha.	during fruit enlargement	2 - 4
WINE AND TABLE GRAPES	Foliar	2 L. Ha.	during the entire crop pcycle	2 - 4
TURF AND ORNAMENTAL PLANTS	Foliar	1,5 - 2 L. Ha.	during the vegetative cycle	4 -5
	root	2 - 4 L. Ha.	at vegetative recovery	2 - 4
OIL AND INDUSTRIAL CROPS	Foliar	1 L. Ha.	from pre- flowering	1 - 2
	root	2 - 4 L. Ha.	at vegetative recovery	2 - 4
ACTINIDIA	Foliar	2 L. Ha.	during the entire	2 - 4
ACTINIDIA	root		crop pcycle	

AZUL S-CU can be used in conventional and integrated agriculture, alone or in combination with other products Bio A.L.T. There are no incompatibility problems of miscibility with the products of our line. The product must absolutely not be mixed with chemical formulations based on copper and sulphur.











Zero residue product.

SEKA is a formulation based on plant extracts belonging to the FABACEE family. The extracts that make up the product can stimulate the production of phytoalexins and proteins with antimicrobial activity that can effectively counteract the development of pathogens. The product can be used both at the root and Foliar levels. Its completely natural and residue-free formulation allows the product to be used at any time during the plant's vegetative activity, even close to the fruit harvest.

COMPOSITION	FLUID AGRO NUTRIENT, ORGANIC NITROGEN (N), ORGANIC CARBON (C) OF BIOLOGICAL ORIGIN, LIQUID FORMULATION
	FORMULATION

PACKAGE BOTTLE - CANISTER 1 - 5 L.

ASPECT	LIOUID. PAGLIER YELLOW COLOUR
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CROPS	APPLICATION	DOSES	PERIOD	INTERV.
GREENHOUSE VEGETABLES	Foliar	250 ml. x 100 L. water	during the entire	3-5
	root	450 - 500 ml. x 1000 m ²	crop pcycle	3-3
POME AND STONE	Foliar	200 ml. x 100 L. water	from pre-flowering	3 - 4
FRUIT	root	4 L. Ha.	at vegetative recovery	2 - 4
OPEN FIELD VEGETABLES	Foliar root	250 ml. x 100 L. water 450 - 500 ml. x 1000 m ²	during the entire crop pcycle	3 - 5
OLIVE TREE	Foliar	2 - 3 L. Ha.	during the entire crop pcycle	2 - 4
CITRUS FRUITS	Foliar	2 - 3 L. Ha.	during the entire crop pcycle	2 - 5
KERNEL	Foliar	2 L. Ha.	during fruit enlargement	2 - 4
WINE AND TABLE GRAPES	Foliar	3 L. Ha.	during the entire crop pcycle	2 - 4
TURF AND ORNAMENTAL	Foliar	1,5 -2 L. Ha.	during the vegetative cycle	4 -5
PLANTS	root	2 - 4 L. Ha.	at vegetative recovery	2 - 4
ACTINIDIA	Foliar	3 - 4 L. Ha.	during the entire	2 - 4
ACTINIDIA	root	J 7 L.110.	crop pcycle	4 T

SEKA is a completely natural product and can therefore be used both in organic and integrated agriculture, alone or in combination with other products of the Bio A.L.T. line. As far as miscibility is concerned, there are no incompatibility problems with the products of our line. If the product is to be mixed with chemical formulations based on copper and sulfur, we recommend preliminary tests. We advise against use in combination with formulations with a very acidic pH.













SOLUZIONE S-CU



Fertilizer based on copper from oxychloride and Sulphur in suspension

SOLUZIONE S-CU is a fertilizer based on Copper Oxychloride and Sulphur in liquid suspension. Due to its intrinsic characteristics, the product prevents crops. S-CU SOLUTION has a high concentration of copper and sulphur of great purity, able to enhance their biochemical functions. Due to its intrinsic qualities, the product supports the natural endogenous plant defenses against biotic stresses. The formulation also enables early leaf fall in fruit and vegetable nurseries.

COPPER (CU) SUSPENSION FERTILISER - COPPER OXYCHLORIDE (CU) TOTAL 20%. THE PRODUCT ALSO CONTAINS 20% TOTAL SULPHUR (S) RESULTING FROM FROM ELEMENTARY SULPHUR. BORON (B) 0.5%

PACKAGE BOTTLE - CANISTER 1 - 3 L.

CROPS	APPLIC.	DOSES	PERIOD	INTERV.
CEREALS AND LEGUMES	Foliar Foliar	1 L. Ha. 200 ml. x 100 L. water	from firts leaf to harvest	1-2
GREENHOUSE VEGETABLES	root	250 - 300 ml. x 1000 m ² 200 ml. x 100 L. water	during the entire crop pcycle	3 - 5
POME AND STONE FRUIT	root	4 L. Ha.	from pre- flowering	3 - 4
FOME AND STONE FRUIT	Foliar	250 ml. x 100 L. water	at vegetative recovery	2 - 4
OPEN FIELD VEGETABLES	root	2,5 - 3 L. Ha.	during the entire crop pcycle	3 - 5
OLIVE TREE	Foliar	2 L. Ha.	during the entire crop pcycle	2 - 4
CITRUS FRUITS	Foliar	2 L. Ha.	during the entire crop pcycle	2 - 5
KERNEL	Foliar	2 L. Ha.	during fruit enlargement	2 - 4
WINE AND TABLE GRAPES	Foliar	2 L. Ha.	during the entire crop pcycle	2 - 4
TURF AND ORNAMENTAL PLANTS	Foliar	1,5 - 2 L. Ha.	during the vegetative cycle	4 -5
TORI AND ORNAMENTAL PLANTS	root	2 - 4 L. Ha.	at vegetative recovery	2 - 4
OIL AND INDUSTRIAL CROPS	Foliar	1 L. Ha.	from pre- flowering	1 - 2
OIL AND INDUSTRIAL CROPS	root	2 - 4 L. Ha.	at vegetative recovery	2 - 4
ACTINIDIA	Foliar root	2 L. Ha.	during the entire crop pcycle	2 - 4

Warnings: The product is not to be used during the flowering phases. Use only in cases of recognized need. Do not exceed appropriate doses. Not to be sold bulk. The dosages and number of applications are purely indicative and should be modulated according to the needs of the crop, its phenological ge and climatic characteristics.















Copper fertiliser solution (sulphate) Corrective. Enhancer of natural plant defences

rame 60 L is formulated as essential for tissue and sugar formation and in all self-defence processed by the plant, rame 60 L is a newly formulated rame sulphate, a liquid to improve the limited availability and difficult assimilation of rame as a trace element, the advantages of using the product are to reduce the mass balances of rame treatments.

COMPOSITION	COPPER CU SOLUBLE IN WATER
PACKAGE	BOTTLE - CANISTER 1 - 5 -20 - 200 - 1000 L.

CROPS	APPLICATION	DOSES
	Foliar	150 – 200 ml./100 L. water
HORTICULTURE	Root	150 - 300 x 1000 m² 1,5 - 3 Lit Ha.
ARBOREAL	Foliar	150 – 200 ml./100 L. water
ORNAMENTAL	Foliar	150 – 200 ml./100 L. water

Warnings: Do not mix with oil-based products, products with an alkaline reaction (Bordeaux mixture, etc.), and products containing organic solvents. In case of miscibility with other products, it is advisable to carry out a compatibility test on small areas. Do not carry out treatments during flowering.











ZOLFO 60



Corrective - sulphur suspension in water. Enhancer of natural plant defenses

ZOLFO 60 is a product designed to trea sulphur deficiencies. Sulphur is essential for metabolic processes in plants, as part of sulphur amino acids synthesis. In addition, sulphur enhances the natural defenses against biotic and abiotic stresses. The specific transparent formulation of our product makes it usable during the entire crop cycle, even close to harvest.

COMPOSITION	TOTAL SULPHUR (S) IN WATER 60.00%
PACKAGE	BOTTLE - CANISTER 1 - 5 -20 - 200 - 1000 L.

CROPS	APPLICATION	DOSES
	Foliar	150 – 200 ml./100 L. water
HORTICULTURE	Root	150 - 300 x 1000 m² 1,5 - 3 Lit Ha.
ARBOREAL	Foliar	150 – 200 ml./100 L. water
ORNAMENTAL	Foliar	150 – 200 ml./100 L. water

Avvertenze: Do not mix with oil-based products, products with an alkaline reaction (Bordeaux mixture, etc.) and products containing organic solvents. For miscibility with other products, it is advisable to carry out a compatibility test on smal areas. Do not treat during flowering.















Specifically designed for the cultivation of tubers and Liliaceae. Zero residue product.

SPORODEK is a modern ASR inductor based on sulphur and copper. The formula has been specifically designed for needs of the production in tuber cultivation. In addition to the antimicrobial properties of copper and sulphur, the product provides benefits during harvest, storage, and shelf life of foodstuffs. The product has greater resistance to the mechanical stresses of harvesting, greater consistency and hardness of the tuber, and longer shelf life.

COMPOSITION SULPHUR (S) TOTAL 45 % LIQUID FORMULATION	COMPOSITION	TOTAL COPPER GLUCONATE 4.25%. SULPHUR (S) TOTAL 45 % LIQUID FORMULATION	
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PACKAGE BOTTLE - CANISTER 1 - 5 L.

CROPS	APPLICATION	DOSES
CARROT	During cooler hours of the day	200 – 250 ml./100 L. water
РОТАТО	During cooler hours of the day	200 – 250 ml./100 L. water
RADISH	During cooler hours of the day	200 – 250 ml./100 L. water
BEETROOT	During cooler hours of the day	200 – 250 ml./100 L. water
ONION	During cooler hours of the day	200 – 250 ml./100 L. water
GARLIC	During cooler hours of the day	200 – 250 ml./100 L. water

Water the entire plant evenly.

Warnings: Do not mix with copper or sulphur-based products, alkaline reacting products or oil-based products. Do not use the product on crops. In case of miscibility with other products, a compatibility test is recommended. Do not use it during flowering.







SKM - 100



Zero residue product.

SKM - 100 is a formulation based on plant extracts from the FABACEAE family, able to stimulate the production of phytoalexins and proteins with effective antimicrobial activity. The product can be used in both root and folia. Its completely natural and zero residue formulation allows the product to be used at any time during the plant's vegetative activity, even close to the fruit harvest.

BORLANDA AGRO-FOOD FLUID COMPOSITION NITROGEN (N) ORGANIC CARBON (C) OF BIOLOGICAL ORIGIN

PACKAGE BOTTLE - CANISTER 1 - 5 L.

ASPECT LIQUID, STRAW YELLOW COLOUR

CROPS	APPLICATION	DOSES	PERIOD	INTERV.
GREENHOUSE	Foliar	250 ml. x 100 L. water	during the entire	3 - 5
VEGETABLES	root	450 - 500 ml. x 1000 m ²	crop pcycle	3-3
POME AND STONE	Foliar	200 ml. x 100 L. water	from pre-flowering	3 - 4
FRUIT	root	4 L. Ha.	at vegetative recovery	2 - 4
OPEN FIELD	Foliar	250 ml. x 100 L. water	during the entire	3 - 5
VEGETABLES	root	450 - 500 ml. x 1000 m ²	сгор pcycle	3 3
OLIVE TREE	Foliar	2 - 3 L. Ha.	during the entire crop pcycle	2 - 4
CITRUS FRUITS	Foliar	2 - 3 L. Ha.	during the entire crop pcycle	2 - 5
KERNEL	Foliar	2 L. Ha.	during fruit enlargement	2 - 4
WINE AND TABLE GRAPES	Foliar	3 L. Ha.	during the entire crop pcycle	2 - 4
TURF AND ORNAMENTAL	Foliar	1,5 - 2 L. Ha.	during the vegetative cycle	4 -5
PLANTS	root	2 - 4 L. Ha.	at vegetative recovery	2 - 4
ACTINIDIA	Foliar	3 - 4 L. Ha.	during the entire	2 - 4
ACTINIDIA	root	3-4 L. Ha.	crop pcycle	Z - 4
	root		crop pcycle	

Warnings: The recommended doses are indicative and depend on the crop. Do not mix with copper or sulphur-based products, products with an alkaline reaction or oil-based products. In case of miscibility with other products, a compatibility test is recommended.

















CITROMIX



Zero residue natural product.

CITROMIX is a modern formulation obtained by hydrolysis of natural raw materials from the RUTACEE family, able to improve the plant's ability to regain vigor after various types of stress.

COMPOSITION PLANT EXTRACT OF RUTACEAE 90% ADJUVANTS WHEN NECESSARY.	
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PACKAGE BOTTLE - CANISTER 1 - 5 L.

ASPECT	DARK GREEN LIQUID FORMULATION			
CROPS	APPLICATION	DOSES	PERIOD	INTERV.
CEREALS AND LEGUMES	Foliar	1,5 - 2 L. Ha.	during the entire crop pcycle	1 - 2
GREENHOUSE VEGETABLES	Foliar	250 ml. x 100 L. water	during the entire crop pcycle	when necessary
POME AND STONE FRUIT	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary
OPEN FIELD VEGETABLES	Foliar	250 ml. x 100 L. water	during the entire crop pcycle	when necessary
OLIVE TREE	Foliar	3 L. Ha.	during the entire crop pcycle	2-3
CITRUS FRUITS	Foliar	3 L. Ha.	from swelling	when necessary
KERNEL	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary
WINE AND TABLE GRAPES	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary
TURF AND ORNAMENTAL PLANTS	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary
OIL AND INDUSTRIAL CROPS	Foliar	3 L. Ha.	during the entire crop pcycle	1 - 2
ACTINIDIA	Foliar	3 L. Ha.	during the entire crop pcycle	1 - 2

For best efficacy and persistence on the plant, we recommend combining it with our product BIPPER at a dose of 300 ml x hectoL of water.

CITROMIX is a completely natural product and can therefore be used both in organic and integrated agriculture, alone or in combination with other products Bio A.L.T. Miscibility is concerned with other Bio A.L.T products.

- The use of Citromix does not require compliance with pre-harvest deficiency times.
- Safe for auxiliary fauna
- · Safe for the operator and the environment
- Zero residue product













Enzyme hydrolysate of Fabaceae.

The formulation contains plant extracts belonging to the FABACEE family. Thanks to its special formulation, the product improves the plant's ability to recover vigour following the stress of various kinds in a natural and residue-free way.

COMPOSITION	AMINO ACIDS TOTALS 6% AMINO ACIDS FREE 1,5% DEGREE OF HYDROLYSIS 30%	
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PACKAGE BOTTLE - CANISTER 1 - 5 L.

CROPS	APPLICATION	DOSES	PERIOD	INTERV.
CEREALS AND LEGUMES	Foliar	1,5 - 2 L. Ha.	during the entire crop pcycle	1 - 2
GREENHOUSE VEGETABLES	Foliar	250 ml. x 100 L. water	during the entire crop pcycle	when necessary
POME AND STONE FRUIT	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary
OPEN FIELD VEGETABLES	Foliar	250 ml. x 100 L. water	during the entire crop pcycle	when necessary
OLIVE TREE	Foliar	3 L. Ha.	during the entire crop pcycle	2 - 3
CITRUS FRUITS	Foliar	3 L. Ha.	from swelling	when necessary
KERNEL	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary
WINE AND TABLE GRAPES	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary
TURF AND ORNAMENTAL PLANTS	Foliar	3 L. Ha.	during the entire crop pcycle	4 - 5
OIL AND INDUSTRIAL CROPS	Foliar	3 L. Ha.	during the entire crop pcycle	1 - 2
ACTINIDIA	Foliar	3 L. Ha.	during the entire crop pcycle	1 - 2

For better efficacy and persistence on the plant, we recommend combining with our product BIPPER at a dose of 150 ml per 100 g of water.

The product should be used at the recommended doses and used during the cool hours of the day. Do not mix with copper or sulphur-based products, products with an alkaline reaction, or oil-based products. In case of miscibility with other products, a compatibility test is recommended.

















Zero residue product.

REPELL is a modern formulation obtained through hydrolysis of natural raw material from the LILIACEE family, able to improve the plant's ability to regain vigor following various types of stress without any residues.

COMPOSITION	FRUIT AND CEREAL FLUID AGRI-FOODSTUFFS.
PACKAGE	BOTTLE - CANISTER 1 - 5 L.

CROPS	APPLICATION	DOSES	PERIOD	INTERV.
CEREALS AND LEGUMES	Foliar	1,5 - 2 L. Ha.	during the entire crop pcycle	when necessary
GREENHOUSE VEGETABLES	Foliar	250 ml. x 100 L. water	during the entire crop pcycle	when necessary
POME AND STONE FRUIT	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary
OPEN FIELD VEGETABLES	Foliar	250 ml. x 100 L. water	during the entire crop pcycle	when necessary
OLIVE TREE	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary
KERNEL	Foliar	3 L. Ha.	during the entire crop pcycle	4 - 5
WINE AND TABLE GRAPES	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary
OIL AND INDUSTRIAL CROPS	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary
ACTINIDIA	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary

The product should be used at the recommended doses and in the cooler hours of the day. Do not mix with copper or sulphur-based products, alkaline reacting products or oil-based products. In case of miscibility with other products, a compatibility test is recommended.















Plant extract based on urticaceae and sapindaceae. Zero residue product

The formulation is obtained through hydrolysis processes of natural raw materials from plants of the Urticaceae and Sapindaceae family favoring the repellent action against insects in the soil or on vegetation. By using Matrix, the pests do not feed and could be removed from the treated areas without any residues.

URTICACEAE PLANT EXTRACT 50%

PACKAGE BOTTLE - CANISTER 1 - 5 L.

CROPS	APPLICATION	DOSES	PERIOD	INTERV.
CEREALS AND LEGUMES	Foliar	1,5 - 2 L. Ha.	during the entire crop pcycle	when necessary
GREENHOUSE VEGETABLES	Foliar	250 ml. x 100 L. water	during the entire crop pcycle	when necessary
POME AND STONE FRUIT	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary
OPEN FIELD VEGETABLES	Foliar	250 ml. x 100 L. water	during the entire crop pcycle	when necessary
OLIVE TREE	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary
CITRUS FRUITS	Foliar	3 L. Ha.	from swelling	when necessary
KERNEL	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary
WINE AND TABLE GRAPES	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary
TURF AND ORNAMENTAL PLANTS	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary
OIL AND INDUSTRIAL CROPS	Foliar	3 L. Ha.	during the entire crop pcycle	1-2
ACTINIDIA	Foliar	3 L. Ha.	during the entire crop pcycle	1 - 2

For best efficacy and persistence on the plant, we recommend the combination of with our product BIPPER at a dose of 300 ml x hectoL of water.















Plant extract of Thymus. Zero residue product

COMPOSITION	LAMIACEAE PLANT EXTRACT 100%
PACKAGE	Bottle - Canister 1 - 5 L.

The formulation contains plant extracts from the Lamiaceae family, able to improve the plant's ability to regain vigor after various types of stress without any residues.

CROPS	APPLICATION	DOSES	PERIOD	INTERV.
CEREALS AND LEGUMES	Foliar	1,5 - 2 L. Ha.	during the entire crop pcycle	when necessary
GREENHOUSE VEGETABLES	Foliar	250 ml. x 100 L. water	during the entire crop pcycle	when necessary
POME AND STONE FRUIT	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary
ORTIVE IN PIENO CAMPO	Foliar	250 ml. x 100 L. water	during the entire crop pcycle	when necessary
OLIVE TREE	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary
CITRUS FRUITS	Foliar	3 L. Ha.	from swelling	when necessary
KERNEL	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary
WINE AND TABLE GRAPES	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary
TURF AND ORNAMENTAL PLANTS	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary
OIL AND INDUSTRIAL CROPS	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary
ACTINIDIA	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary

For best efficacy and persistence on the plant, we recommend combining it with our product BIPPER at a dose of 300 ml x hectoL of water.

The recommended doses are indicative and depend on the crop. Do not mix with copper or sulphur-based products, products with an alkaline reaction or oil-based products. In case of miscibility with other products, a compatibility test is recommended.











ASPECT



Corroborating, soft soap. Enhancer of natural plant defenses. Zero residue product

COMPOSITION	100% SOFT SOAP AND/OR MARSEILLE SOAP
PACKAGE	Canister 1 - 5 -20 L.
TACKAGE	Cumseer is 2 to 2.

LIQUID, STRAW YELLOW COLOUR

It is a completely natural product, able to use in both organic and integrated agriculture, on its own or in combination with other Bio A.L.T. products. Potassium salts of fatty acids (also called soft soaps) are vegetable substances obtained from the saponification of fatty acids (oleic and linoleic acids obtained from seeds of plants such as rapeseed, sunflower, soya) with potassium salts. The resulting product is liquid and can solubilize non-polar organic substances such as fats. These substances are effective against soft-tegument insects (aphids, psyllids, aleurodes,

salts. The resulting product is liquid and can solubilize non-polar organic substances such as fats. These substances are effective against soft-tegument insects (aphids, psyllids, aleurodes, mealybugs, mites) and can be used to wash away honeydew. Soft soap has the ability to dissolve the waxes present in the cuticle of insects, causing dehydration and death. At higher doses and with large volumes of water, the product can also be used to dissolve honeydew that soils crops. In combination with the most common insecticides, the product has an important wetting- adhesive action, promoting homogeneous diffusion of the substances that make up the mixture.

CROPS	APPLICATION: FOLIAR	DOSES
WINE AND TABLE GRAPES	Foliar: from the start of shoots to fruit set	2,5 – 5 L./Ha. alone or in combination with biological or chemical insecticides
	Foliar: berry enlargement	2,5 – 5 L./Ha. alone or in combination with biological or chemical insecticides
KIWI-CITRUS FRUITS (POME AND STONE FRUIT) HAZELNUT-	Foliar: from the start of shoots to fruit set	2,5 – 5 L./Ha. alone or in combination with biological or chemical insecticides
WALNUT-CHESTNUT	Foliar: enlargement	2,5 – 5 L./Ha. alone or in combination with biological or chemical insecticides
GREENHOUSE AND FIELD VEGETABLES	Foliar	When necessary: 2,5-5lt/Ha. alone or in combination with biological or chemical insecticides
LEAFY VEGETABLES	Foliar	When necessary: 2,5-5lt/Ha. alone or in combination with biological or chemical insecticides
CEREALS AND LEGUMES	Foliar	When necessary: 2,5-5lt/Ha. alone or in combination with biological or chemical insecticides
FLORICULTURE AND AROMATICS	Foliar	When necessary: 2,5-5lt/Ha. alone or in combination with biological or chemical insecticides

- The use of BIPPERS does not imply the need to respect pre-harvest deficiency times.
- Safe for auxiliary fauna
- Safe for the operator and the environment









SAPONE MOLLE



Corroborating, soft soap. Enhancer of natural plant defenses. Zero residue product.

COMPOSITION	100% SOFT SOAP AND/OR MARSEILLE SOAP
PACKAGE	Bottle - Canister 1 - 5 -20 L.
ASPECT	LIQUID, TRANSPARENT

It is a potassium soap-based corroborant with a high degreasing power. It is recommended for use in greenhouses to remove honeydew deposited by insects on plants. The presence of honeydew encourages the incubation and development of pathogenic, harmful fungi and bacteria. Used as an adjuvant, it increases the effectiveness of insecticides or natural products.

CROPS	APPLICATION	DOSES	PERIOD	INTERV.
CEREALS AND LEGUMES	Foliar	1,5 - 2 L. Ha.	during the entire crop pcycle	when necessary
GREENHOUSE VEGETABLES	Foliar	250 ml. x 100 L. water	during the entire crop pcycle	when necessary
POME AND STONE FRUIT	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary
OPEN FIELD VEGETABLES	Foliar	250 ml. x 100 L. water	during the entire crop pcycle	when necessary
OLIVE TREE	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary
CITRUS FRUITS	Foliar	3 L. Ha.	from swelling	when necessary
KERNEL	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary
WINE AND TABLE GRAPES	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary
TURF AND ORNAMENTAL PLANTS	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary
OIL AND INDUSTRIAL CROPS	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary
ACTINIDIA	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary

- The use of soft soap does not imply the need to respect pre-harvest deficiency times.
- Safe for auxiliary fauna
- Safe for the operator and the environment









OLIO DI NEEM



It is a vegetable oil obtained from the cold pressing of NEEM, a plant of Meliaceae family. NEEM OIL is known worldwide for its extraordinary properties and many applications. The product, not for human or cosmetic use, can be used as an adjuvant in agriculture.

PACKAGE Bottle 250 ml. Bottle - Canister 1 - 5 L.
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ASPECT LIQUID, BROWNISH COLOUR

CROPS	APPLICATION	DOSES	PERIOD	INTERV.
CEREALS AND LEGUMES	Foliar	1,5 - 2 L. Ha.	during the entire crop pcycle	when necessary
GREENHOUSE VEGETABLES	Foliar	250 ml. x 100 L. water	during the entire crop pcycle	when necessary
POME AND STONE FRUIT	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary
OPEN FIELD VEGETABLES	Foliar	250 ml. x 100 L. water	during the entire crop pcycle	when necessary
OLIVE TREE	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary
CITRUS FRUITS	Foliar	3 L. Ha.	from swelling	when necessary
KERNEL	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary
WINE AND TABLE GRAPES	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary
TURF AND ORNAMENTAL PLANTS	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary
OIL AND INDUSTRIAL CROPS	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary
ACTINIDIA	Foliar	3 L. Ha.	during the entire crop pcycle	when necessary

Shake the mixture before use and continue stirring until spraying is complete.

The product should be used at the recommended doses and during the cooler hours of the day. Do not mix with copper or sulphur-based products, alkaline reacting products or oil-based products. In case of miscibility with other products, a compatibility test is recommended.











SPECIAL PRODUCTS

Special products are defined as a wide range of formulations that enhance the effects of the various active substance with which they are associated.

Adjuvants are divided into 2 categories:

- **ADHESIVANTS** additives promoting the deposition and efficacy of the active substance on the leaf blade;
- **TENSIOACTIVE** additives promoting better distribution and penetration of active substance lower decreasing surface tension.

Bio A.L.T. produces a wide range of natural adjuvants, with the aim to improve the effectiveness of utilized treatments: VEGETABLE CELLS, WASHING MEDIA, PENETRANTS, DISPERTENTS, PHOTOPROTECTIVES



FIXAR FRUTTOSIO



REG. CE N. 1107/2009 REG. (EU) 2015/1392

Adhesive, wetting and screening agent. Zero residue product.

COMPOSITION	Fructose (β-D-fructofuranose) CAS. N. 57-48-7 Food quality
PACKAGE	Canister 1 - 5 L.
ASPECT	LIQUID, STRAW COLOUR

FIXAR is a solution specifically prepared to enhance the efficacy of Bio A.L.T. products. Thanks to its wetting, sticking and shielding properties, it allows natural products to remain on the plant longer, reducing washout and improving vegetative development. The product can be used during the whole vegetative process of the plant, even close to the harvest.

CROPS	APPLICATION		DOSES
HORTICULTURE	Foliar	post-transplantation	200 - 300 ml. X hl.
ARBOREAL	Foliar	post-transplantation	200 - 300 ml. X hl.
ORNAMENTAL	Foliar	post-transplantation	200 - 300 ml. X hl.
CEREALS AND LEGUMES	Foliar	at vegetative recovery	200 - 300 ml. X hl.

the recommended doses are indicative and change depending on the crop. Do not mix with copper or sulphur-based products, products with an alkaline reaction or oil-based products. In case of miscibility with other products, a compatibility test is recommended.

- The use of fixar does not imply the need to respect pre-harvest deficiency times
- Safe for auxiliary fauna
- Safe for the operator and the environment









NO ICE



Fertilizer with antifreeze properties.

COMPOSITION	POTASSIUM OXIDE (K2O) 10.00%. WATER-SOLUBLE
PACKAGE	FLAC ONE - Canister 1 - 5 L.
ASPECT	LIQUID, COLOURLESS

Fertilizer with a specific antifreeze function to prevent frost damage to cultivated, horticultural, fruit, and ornamental plants. The product should be used in periods when frost may occur. NO ICE is colorless and not dangerous for humans and environment.

Its principal action depends on the high availability of potassium, which increases the plants' resistance to frost decreasing their freezing point, by increasing ion concentration in the cell. Recent research has confirmed this effect and identified another positive action of potassium to defend plants from frost damage.

Frosts, which mainly occur when photosynthesis is very active after dawn on clear days, typically slow down the translocation of processed products and elimination of toxic forms of oxygen, causing irreparable damage to the plants.

Potassium combats both phenomena, facilitating the translocation of processed products and neutralizing toxic forms of oxygen.

NO ICE combines the presence of easily assimilable potassium with the presence of USP glycols. The latter form a thin film on the surface of plant tissue creating a low freezing point (down to near zero temperatures), without interfering with the gas exchange between plant and atmosphere.

CROPS	APPLICATION: FOLIAR	DOSES
CROPS IN GENERAL	temperatures close to zero	3 - 5 L. in 6/10 ettoL. water

the product maintains its effectiveness for 24/48 hours depending on the weather conditions. It is advisable to water the vegetation evenly by distributing the product with a specific sprayer.

The treatment should be repeated every 48 hours if frost persists.





RIPRISTINA



Regenerates soil, enhances cation exchange csc, stabilises irrigation water.

Recommended product on high salinity soils.

Special new-generation formulation developed to protect plants against salinity, also improving cation exchange mechanisms. Improves and stabilises irrigation water, drastically lowering conductivity.

Promotes unblocking of crops and trees that have suffered a blockage of uptake in the irrigation bulb.

Total nitrogen - N tot % 3.0 COMPOSITION

Organic carbon - C org. % 7.5 Potassium oxide - K2O % 18,5

MESOELEMENTS:

Water-soluble calcium - CaO % 2.5

Organic nitrogen - N org % 3.0

 DRIED BORLANDA **POTASSIUM SULPHATE MATERIE PRIME CALCIUM CHLORIDE SOLUTION**

PACKAGE ALUMINIUM BAG 1 KG

RIPRISTINA is a product with very high activity and effectiveness. It must be handled in the presence of a specialised technician.

It acts by dissolving insoluble salts in the soil (including calcium) releasing them and making them available for absorption by the roots.

Unlike other formulations RIPRISTINA does not act by releasing Na (sodium) replacing it with calcium, it releases it through other mechanisms of action that ensure its effectiveness.

Doses and methods of use:

Very saline soils with conductivity above 5 dS/m. One application per month 2 kg./Ha. Two applications every 15 days of 1 kg./Ha are possible.

Medium saline soils with conductivity between 4 - 4.5 dS/m. One application of 1 kg/ha per month or 500 g every 15 days. Warnings: measure the conductivity again before each application.

In hydroponic cultures: apply at half doses.















Organic nitrogen fertiliser - Panelli

RIATTIVA improves soil organic content and reduces alkalinity through the production of organic acids during natural decomposition. It improves the microflora and rhizosphere ensuring increased fertility and water retention.

When applied with nitrogenous fertilisers, it gives a synergetic result by slowing down the process of conversion of nitrogen compounds into ammonia, nitrites, and nitrates and improving their efficiency.

Its adjuvant action of supporting root systems in soils with a strong presence of nematodes is important.

It is applied through the process of mixing the cake with the soil.

Burial at depth is preferable for better results than application on the surface.

COMPOSITION	Organic nitrogen (N) 3 %
PACKAGE	BAG 25 KG

Doses and methods of use:

Arboreal: at awakening or vegetative recovery 5 - 8 quintals/ha. Horticulture: at transplanting 5 - 8 quintals/ha.













MICROORGANISMS, MYCORRHIZAE AND BENEFICIAL BACTERIA

The combination of the speed of action of plant extracts and the persistence of micro-organisms enables effective control of biotic and abiotic stresses without leaving residues on the crop. We can produce cutting-edge formulations using endomycorrhizae (VAM), PGPR bacteria and rhizogenic enzymes.

Indeed, a complete absorption of nutritional elements can occur through the symbiosis between mycorrhizae and PGPR bacteria improving optimal quality and quantity of production. This results in increased plant resistance to diseases and improved soil fertility. On the following pages are illustrated products for horticulture, floriculture, cereal culture, and cultivation of legumes.

TRICHO - ROOT



Specific action product. Inoculation of mycorrhizal fungi. Zero residue product.

TRICHO-ROOT is an inoculum based on mycelium and viable spores of vesicular-arbuscular mycorrhizal fungi (VAM), supplemented with Trichoderma harzianum and Trichoderma asperellum. The plant treated with TRICHO ROOT is more vigorous, able to better tolerates biotic and abiotic stresses. The product quickly promotes the development of a useful microflora, discouraging the growth of pathogenic micro-organisms. The product also promotes copious root capillary emission and rejuvenation.

Mycorrhizae: Glomus Intraradices 1%

Trichoderma Harzianum and Trichoderma Asperellum:
u.f.c. > 4x108
Organic matrix: Organic peat soil improver

PACKAGE JAR 1 KG 500 GR - 1 KG

ASPECT POWDER, WHITE COLOUR

CROPS	APPLICATION: FERTIGATION	DOSES
	Pre-transplantation and wetting of alveolar containers: before transplanting, immerse the container in a solution previously prepared with 250 g of TRICHO-ROOT in 100 L of water. Let the excess drip off the solution and transplant. Use the remaining solution for possible irrigation. It is advisable to repeat the treatment by fertigation 15-20 days after transplanting.	250 gr./100 L. d'water
HORTICULTURE	Substrate and soil preparation: 100 to 200 g per cubic meter of substrate (Intended as the actual volume of the substrate), distributed by spraying. Prepare in advance a solution of 100/200 g of TRICHO-ROOT in 100 L of water. It is recommended to wet the substrate 24 hours before the start of cultivation.	100-200 gr./100 L. d'water
	Fertigation: during the crop cycle	250/300 gr/1000m² 2,5 – 3 kg./Ha.
ARBOREAL	Fertigation	2,5 – 3 kg./ Ha.
ORNAMENTAL	Fertigation	2,5 – 3 kg./ Ha.

Pbefore applying the product, pour the contents of the packet into a container with water and mix well until a liquid solution is obtained. Allow the solution to stand for a few minutes, then bring the solution up to the volume of water required to carry out the treatment. It is advisable to use the solution within 24 hours.

Warnings: the doses indicated are indicative and may change depending on the crop. Do not mix with copper or sulphur-based products, products with an alkaline reaction or oil-based products. In case of miscibility with other products, a compatibility test is recommended.













SUBSOIL



Specific action product. Inoculation of mycorrhizal fungi. Zero residue product.

SUBSOIL contains mycorrhizae of Glomus spp. family and PGPR bacteria (Bacillus subtilis in a guaranteed minimum concentration of 5×1010 u.f.c./g). The product used on roots stimulates new and better growth themselves, creating more developed plants that can better withstand abiotic and biotic stresses. The product is specially designed to increase the biological activity of the soil by stimulating the development of enzymatic processes and useful microorganisms.

COMPOSITION

Mycorrhizae: Glomus intraradices 2 spores/gr Concentrate of viable spores of useful microorganisms: Bacillus subtilis

Total aerobic count: >of 5x1010 w.f.c./q

PACKAGE 250 GRAMMI

CROPS	APPLICATION: FERTIGATION	DOSES
	Pre-transplantation and wetting of the honeycomb containers: before transplanting, soak the container in a solution previously prepared with 100 g of SUBSOIL in 100 L of water. Allow the excess solution to drip off and transplant. Use the residual solution for possible irrigation. It is advisable to repeat the treatment by fertigation 15-20 days after transplanting.	100 gr./100 L. d'water
HORTICULTURE	Substrate and soil preparation: 50 to 100 g x cubic meter of the substrate (intended as the actual volume of the substrate), distributed by spraying. Previous prepare a solution of 50 - 100 g of SUBSOIL in 100 L of water. It is recommended to wet the substrate 24 hours before the start of cultivation.	100-200 gr./100 L. d'water
	Fertigation: during the crop cycle	250/300 gr/1000m² 2,5 – 3 kg./Ha.
ARBOREAL	Fertigation	2,5 – 3 kg./ Ha.
ORNAMENTAL	Fertigation	2,5 – 3 kg./ Ha.

Before applying the product, pour the contents of the packet into a container with water and mix well until a liquid solution is obtained. Allow the solution to stand for a few minutes, then make it up to the volume of water required to carry out the treatment. It is advisable to use the solution within 24 hours.

Warnings: do not mix with copper or sulphur-based products, alkaline reacting products













BC - CONTROL



Specific action product. Inoculation of mycorrhizal fungi.

BC-CONTROL contains mycelium and viable spores of vesicular-arbuscular mycorrhizal fungi (VAM), viable spores of nitrogen-fixing microorganisms and phosphorus solubilizers in a guaranteed minimum concentration of >109u.f.c./g. Mycorrhizal fungi promote root development and increased absorption of macro-and microelements. The plant is more vigorous and can better tolerate stress caused by temperature, water and soil-borne pathogens (Fusarium, Rhizoctonia, Phytophthora, Sclerotinia, Pythium, Thielaviopsis). It is advisable to apply the product from the beginning of the crop cycle.

COMPOSITION	Mycorrhizae: glomusintraradices 2 spores/gr. Rhizosphere bacteria: Bacillus subtilis, Bacillus licheniformis, Bacillus pumilus, Bacillus amyloliquefancies, Bacillus megaterium, Trichoderma 109 cfu/g, Protein, Micro and Macro nutrients.
PACKAGE	250 GR 500 GR 1 KG.
ASPECT	POWDER, COLOUR BEIGE

CROPS	APPLICATION: FERTIGATION	DOSES
	Fertigation: during the crop cycle	250 gr./1000m²
HORTICULTURE	Pre-transplanting and wetting of honeycomb containers: before transplanting, soak the container in a previously prepared solution of 200 g BC-CONTROL in 100 L of water. Let the excess drip off the solution and transplant. Use the remaining solution for possible irrigation. It is advisable to repeat the treatment by fertigation 15-20 days after transplanting.	200 gr./100 L. d'water
ARBOREAL	Fertigation	2 kg./ Ha.
ORNAMENTAL	Fertigation	2 kg./ Ha.

Before applying the product, pour the contents of the packet into a container with water and mix well until a liquid solution is obtained. Allow the solution to stand for a few minutes, then make it up to the volume of water required to carry out the treatment. It is advisable to use the solution within 24 hours.

Warnings: do not mix with copper or sulphur-based products, alkaline reacting products, or oil-based products. In case of miscibility with other products, a compatibility test is recommended.















Tanning of cereals and legumes. Zero residue product.

SOIL BAC is a powder product designed for seed treatment. Soil Bac is composed of mycorrhizae (Glomus intraradices), PGPR bacteria and rhizosphere fungi (Trichoderma spp.). The consortium of these micro-organisms presents allows the fixation of atmospheric nitrogen, the solubilization of phosphorus in the soil, the decomposition of organic residues, improving seed germination, better protection of the seed against biotic and abiotic stresses. The product also contains plants amino acids, vitamins, folic acid and sugars bringing significant benefits to the crop in the post-sowing phase.

Overall, all these properties result in the achievement of significant qualitative/quantitative increases in production.

COMPOSITION	Mycorrhizae: glomusintraradices 2 spores/gr; Rhizosphere bacteria; Bacillus subtilis; Bacillus megaterium; Pseudomonas spp. Trichoderma: 1x109 CFU/g Organic matter 15%. Amino acids of natural origin, vitamins, folic acid, sugars of natural origin
PACKAGE	250 GR 500 GR 1 KG.
ASPECT	POWDER, COLOUR BEIGE

TANNING	APPLICATION	DOSES
TANNING CEREALS AND LEGUMES	Apply the product directly to the seed with a suitable dispensing machine	250 gr. per 200 kg of seed.

Do not mix with copper or sulphur-based products, alkaline reacting products or oil-based products. In case of miscibility with other products, a compatibility test is recommended.









TOTAL PLUS



Specific action product. Inoculum of mycorrhizal fungi. Zero residue product.

TOTAL PLUS is an innovative microbiological formulation based on mycorrhizae (Glomusspp.), rhizosphere bacteria, Beauveria bassiana fungi, Metarhizium anisopliae, Verticillum lecanii. The product, when used regularly on roots and foliar, enables plants to gain strength and better tolerate abiotic and biotic stresses.

COMPOSITION	Mycorrhizae: glomusintraradices 0,05%; Rhizosphere bacteria 0,2%; Beauveria bassiana 7x109; Metarhizium anisopliae 7x108; Verticillium lecanii 7x108; Molasses 24%; pH 7; Density 0,9 - 1,1 g
PACKAGE	Bottle - Canister 1 L.
ASPECT	LIQUID, WHITE COLOUR

The product does not contain genetically modified and/or pathogenic organisms (such as salmonella, coliform, fecal, mesophilic, aerobic and nematode eggs).

pour the formulation into 20 L of water and mix thoroughly. Allow the solution to stand for 1 to 2 hours and then adjust the solution to the volume of water required for treatment. The solution should be used within 24 hours of preparation. The water used for treatment should have a pH of 6. The product can be used on horticultural crops and ornamental plants. Do not mix with copper or sulphur-based products, products with an alkaline reaction or oil-based products. Do not mix with another formula. In case of miscibility with other products, it is advisable to carry out a compatibility test.

CROPS	APPLICATION: FOLIAR	DOSES
WINE AND TABLE GRAPES	Foliar: from the start of shoots to fruit set	2,5 L./Ha. in combination with FIXAR 1,5 L./Ha.
WINE AND TABLE GRAPES	Foliar: berry enlargement	3 L./Ha. in combination with FIXAR 1,5 L./Ha.
KIWI-CITRUS FRUITS (POME AND STONE	Foliar: from the start of shoots to fruit set	2,5 L./Ha. in combination with FIXAR 1,5 L./Ha.
FRUITS) HAZELNUT- WALNUT-CHESTNUT	Foliar: enlargement	3 L./Ha. in combination with FIXAR 1,5 L./Ha.
GREENHOUSE AND FIELD VEGETABLES	Foliar: when necessary	2,5 L./Ha. in combination with FIXAR 1,5 L./Ha.
LEAFY VEGETABLES	Foliar: when necessary	2,5 L./Ha. in combination with FIXAR 1,5 L./Ha.
CEREALS AND LEGUMES	Foliar: when necessary	2,5 L./Ha. in combination with FIXAR 1,5 L./Ha.
FLORICULTURE AND AROMATICS	Foliar: when necessary	2,5 L./Ha. in combination with FIXAR 1,5 L./Ha.
ALL TYPES OF CROPS	Root	4 - 5 L./Ha.













NUTRITION



Humic and fulvic extracts have several functions both on soil and plant.

They improve the soil structure promoting the formation of particle agglomerates, that increase porosity, permeability and the water retention, the mobility of phosphate ions, improving germination of seeds, development of root and soil microflora, and microfauna.

Improving the cation exchange capacity, decreasing and hindering the leaching of nitric ions and trace elements, is essential.

Humic and fulvic acids increase metabolism, enhance the development of leaves, branches, and fruits, increase vegetative response favoring the general development, stimulate the emission of roots, and confer greater resistance to salinity.

In other terms, the use of humic and fulvic acids improves the efficacy of the fertilizers applied and allows for higher quality and quantity of production.

HUMIC 14 - 20



Humic and fulvic acids.

Available in two formulations
HUMIC 14
Humic acids 7%
COMPOSITION
Fulvic acids 7%
HUMIC 20
Humic acids 10%
Fulvic acids 10%

TANK 1000 L.
PACKAGE
DRUM 200 L.

Bottle - Canister 5 - 20 L.

ASPECT LIQUID, BLACK COLOUR

HUMIC 14 - 20 has several functions for both soil and plants. In the soil, it promotes phosphate ions mobility, improves seed germination, development of root systems, microflora and soil microfauna.

Essential is its property to improve the cation exchange capacity, decreasing and hindering the leaching of nitric ions and trace elements.

HUMIC acts on plants as a stimulant for the development of stems, shoots, leaves, and fruits. On a practical level, the product allows higher effectiveness of utilized fertilizers with a consequent increase in production. Thanks to the decantation and microfiltration process, HUMIC does not cause the clogging of filters in fertigation systems.

CROPS	APPLICATION: FERTIGATION	DOSES
HORTICULTURE	Fertigation: at vegetative recovery	20 L./Ha. o 2 L./1000m²
ARBOREAL	Fertigation: at vegetative recovery	20 L./Ha.
ORNAMENTAL	Fertigation: at vegetative recovery	20 L./Ha.

The recommended doses are indicative and may vary depending on the crop. Do not mix with copper or sulphur-based products, products with an alkaline reaction or oil-based products. In case of miscibility with other products, a compatibility test is recommended.











FULVO HUMIC



Organic nitrogenous fertiliser. Fulvic

FULVO HUMIC performs numerous functions on soil and plants. In the soil, it promotes the mobility of phosphate ions and improves seed germination, the development of root systems, microflora, and soil microfauna.

Very important is the action of improving the cation exchange capacity, which hinders and slows down the leaching of nitric ions and certain trace elements.

On plants, FULVO HUMIC acts as a fertiliser for the development of stems, shoots, leaves, and fruit. On a practical level, the product allows for better efficacy of the fertilisers distributed, resulting in increased flowering, fruit set, and production. The effect on the plant is immediate.

COMPOSITION	Fulvic extracts
PACKAGE	Canister 5 - 20 L.
ASPECT	Liquid, colour black

DOSAGE AND METHOD OF APPLICATION IN GENERAL

Higher doses are applied in soils poor in organic matter or saline soils with a high degree of desertification.

CROPS	APPLICATION E DOSES
STRAWBERRY	Every 15/20 days from post-transplant until fruit swelling at 15/20 l/ha
CHERRY	Every 15/20 days from flowering to fruit set at 15/20 l/ha
VINES AND FRUIT TREES	Every 15/20 days from flowering to harvest at 15/20 lt/Ha
KIWI AND TROPICAL FRUITS	Every 15/20 days from post-flowering to fruit swelling at 15/20 lt/Ha
HORTICULTURE AND INTENSIVE PLANTING	Every 20 days from post-sowing or transplanting until harvest at 15/20 l/ha
INTENSIVE CULTIVATION	All year round at 20 l/ha
NURSERIES AND POT PLANTS	From post-transplantation every 20 days 2 l per m3 of water
FLORICULTURE	Every 15 days from post-transplantation until bud emission 2 lt /1000 m2

The product can be used for foliar treatments at 2 l per hectare at normal water volumes (800/1000 l).

The recommended doses are indicative and may change depending on the crop being treated. Do not mix with copper or sulphur-based products, products with an alkaline reaction, or oilbased products. In case of miscibility with other products, a compatibility test is recommended.









DARK



Activator and adjuvant based on humic and fulvic acids with a low pH value. The product's properties allow optimal nutrient complexity with good acidifying power.

Advantages of DARK

Root treatment Optimises seed germination; Improves transplant stress; Reduces leaching in sandy soils; Acidifying action.

Foliar treatment
 Stimulates vegetative development;
 Reduces biotic and abiotic stresses;
 Increases photosynthetic efficiency.

Content:

Organic nitrogen (N)	3 %
Water-soluble potassium oxide (K2O)	5 %
Organic carbon (C) of biological origin	15 %
Activator: humic extracts	12%
рН	4,5

The product is miscible with cupric products. Nonphytotoxic.

Bottle da 1 L. • Canister da 5 L.



CROPS	DOSES	PRINCIPALI VANTAGGI
Horticulture AND INTENSIVE	Application root: 10 - 12 L. Has every 20 - 30 days. Max. 2 applications	Supports plant photosynthesis. Stimulates shoot, stem, leaf and fruit development.
PLANTING	Application Foliar: 2 L. Ha.	Acceleration of vegetative development.
EXTENSIVE	Application Foliar during herbicide treatment: 1 L. Ha.	Overcoming weed stress.
		ACIDITICATION OF THE SOLUTION.
FRUITS	Application root: dat vegetative recovery 10 - 12 L. Ha every 20 - 30 days Max. 2 applications	Overcoming stress phases. Supporting root and plant photosynthesis.
	Application Foliar: 2 L. Ha.	It conveys nutrients.
VINEYARD	Application root: dat vegetative recovery 10 - 12 L. Ha every 20 - 30 days Max. 2 applications	Overcoming stress phases. Supporting root and plant photosynthesis.
	Application Foliar: 2 L. Ha.	It conveys nutrients.



ORGANIC FERTILIZERS

The recent evolution of cultivation techniques aims to maximize yields and optimize profitability in all crops.

However, there is a wide range of factors (such as microclimate, pests, cultivation techniques, etc) with negative influence on crop production and yields. All these factors increase crop stress, with the constant risk of stunting or slowing down growth.

It is now an essential need development of products that can promote the physiological endogenous metabolism of plants, without stressing them or slowing down their growth.

Products needed would influence energy plant metabolism, reactivating and increasing it when it is blocked or declined. Products capable of reactivating plant

metabolism are known as "physionutritional biostimulants". Among these, protein hydrolysates are a broad category including hydrolyzed animal epithelium, fluid flesh, and plant hydrolysates. The difference between one type and another lies in the size of the molecules that make up the protein.

The more you encourage the enzymatic hydrolysis process, the smaller molecules are obtained which are better assimilated by the plant and metabolically active.

These substances, known as amino acids, oligopeptides, and polypeptides depending on their molecular size, are biologically active compounds, with no inert supports, fully available to plants both for leaves or roots.

To summarize, they provide both the nutrients needed to overcome crises following stress situations, and organic nitrogen immediately absorbed by the plant; moreover, they act as complexing agents for the transport of microelements usually hardly absorbed.

AMINO PLUS 10N



Fluid hydrolyzed animal epithelium.

TOTAL NITROGEN (N) 10%
ORGANIC NITROGEN (N) 10%
ORGANIC CARBON (C) 31.1%
TOTAL AMINO ACIDS 63%

TANK 1250 KG DRUM 250 KG

PACKAGE BOTTLE - CANISTER 1 - 6 -10 - 30

KG

ASPECT LIQUID, BROWN IN COLOUR

AMINO PLUS 10N is a fluid organic nitrogen fertilizer, obtained by enzymatic hydrolysis of animal epithelium, formed by free amino acids and low molecular weight polypeptides. Distributed by foliar application, it is effective in a few hours by increasing the production of proteins, enzymes, phytoregulators, sugars, etc. Also applied in fertigation it provides a reserve of slow-release organic nitrogen. Overall, it improves the quality of agricultural products, encourages vegetative recovery of stressed plants and revitalizes the microbiological activity of the soil. Lastly, thanks to its wetting, adhering and conveying properties, AMINO PLUS 10N reduces drip losses.

CROPS	APPLICATION: FERTIGATION/FOLIAR	DOSES
HORTICULTURE	Fertigation: post-transplanting, beginning of flowering-setting, fruit swelling	25 Kg/Ha. x irrigation shift 2,5 Kg/Ha.
ARBOREAL	Fertigation: post-transplanting, beginning of flowering-setting, fruit swelling Foliar	25 Kg/Ha. x irrigation shift 2,5 Kg/Ha.
ORNAMENTAL Foliar Fertigation: post-transplanting, beginning of flowering-setting, fruit swelling Foliar		25 Kg/Ha. x irrigation shift Not recommended

the recommended doses are indicative and depend on the crop. The product must first be solubilized in a little water and then put into the irrigation and sprayer tank or mixed with other products.

Do not mix with copper or sulphur-based products, products with an alkaline reaction or oilbased products. In case of miscibility with other products, a compatibility test is recommended.











VERDEMAC



Organo-mineral plant nitrogenous suspension fertilizer.

TOTAL NITROGEN (N) 8.9% ORGANIC NITROGEN (N) 0.4% NITRATE NITROGEN (N) 7.2%

NITROGEN (N) AMMONIACAL 1.3 %

COMPOSITION WATER-SOLUBLE CALCIUM OXIDE (CAO) 13.1 %

ORGANIC CARBON (C) OF BIOLOGICAL ORIGIN 3 % MINERAL FERTILISERS: CALCIUM NITRATE

ORGANIC COMPONENTS: FRUIT AND CEREAL FLUID AGRI-

FOODSTUFFS GARLAND

PACKAGE BOTTLE 1 L.

CANISTER 5 -10 - 20 L.

ASPECT Liquid

VERDEMAC is an organo-mineral nitrogenous suspension fertilizer. Thanks to its special formulation, the product is readily assimilated by the plant. Due to its high calcium content, VERDEMAC is a very effective product for calcium deficiencies, preventing apical rot of tomatoes, peppers, cucumbers, and courgettes; leaf necrosis of lettuce and pitting of apple trees.

Applied by fertigation, it facilitates root development increasing the uptake of water and nutrients. The response from the crops treated with VERDEMAC is immediate.

CROPS	APPLICATION: FERTIGATION/FOLIAR	DOSES
HORTICULTURE	Fertigation: post-transplanting, beginning of flowering-fruit set, fruit enlargement Foliar	1 lit x 1000 ² - 8 L/Ha for several applications during the whole cycle 200 ml./hl.
ARBOREAL	Fertigation: at vegetative recovery Foliar	1 lit x 1000 ² - 8 L/Ha for several applications during the whole cycle 200 ml./hl.
ORNAMENTAL	Fertigation: at vegetative recovery	5 L/Ha for several applications during the whole cycle

the recommended doses are indicative and may change depending on the crop. The product must first be solubilized in a little water and then put into an irrigation and sprayer tank or mixed with other products.

Do not mix with copper or sulphur-products, products with an alkaline reaction or oil-based products. In case of miscibility with other products, a compatibility test is recommended.







CALCIO MAGNESIO COMPLEX



Suspension fluid (CaO 8) + (MgO 2)

Water-soluble organic nitrogen (N) 3%

COMPOSITION Calcium oxide (CaO) totally soluble in water 8%

Magnesium oxide (MgO) totally soluble in water 2%

Organic carbon (C) 10%

TANK 1100 KG.

PACKAGE DRUM 130 - 220 KG.

Bottle - Canister 25 KG.

ASPECT LIQUID

CALCIO MAGNESIO COMPLEX is a liquid product with a high concentration of free amino acids and oligopeptides, formed by calcium and magnesium integrated with the lowest molecular weight protein organic fraction. It is a fertilizer used to prevent and treat physiopathologies, typical of some horticultural crops, due to disturbances in calcium absorption and distribution in plants. It acts positively against the following: physiological leaf and stalk desiccation in melons, apical desiccation in watermelons, apical wrinkling in cucumbers, browning, and necrosis of the leaf margins of salads, the black heart of celery, the browning of fennel, the apical desiccation of tomato, pepper and aubergine.

CROPS	APPLICATION: ROOT	DOSES
HORTICULTURE	Root	1,5 – 2 Kg x 1000 m² 15-20 Kg Ha.
ARBOREAL	Root	20 – 30 Kg/Ha.

The recommended doses are indicative and depend on the crop. Do not mix with copper or sulphur based products, products with an alkaline reaction or oil-based products. In case of miscibility with other products, a compatibility test is recommended. Use appropriate eye and skin protection equipment. Keep out of the reach of children. Keep away from food and drink. In case of contact with eyes and skin, wash with plenty of water and show the label to a doctor. Store the product in a cool, dry place at a temperature between 10° and 30° C.

Bio A.L.T. accepts no liability for any damage or partial results resulting from an incorrect application of the product itself or in any case not in accordance with the suggestedindications.







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CALCIO COMPLEX



Suspended fluid (CaO)

Water-soluble organic nitrogen (N) 4.5%

COMPOSITION Calcium oxide (CaO)

totally soluble in water 8% Organic carbon (C) 15%

TANK 1100 KG.

PACKAGE DRUM 130 – 220 KG.

Bottle - Canister 25 KG.

ASPECT LIQUID, DARK BROWN COLOUR

CALCIO COMPLEX is a liquid product with a high concentration of free amino acids and oligopeptides, formed by calcium integrated with the lowest molecular weight protein organic fraction. It is a fertilizer designed to promote the growth of meristematic tissues, increasing their development and counteracting vegetative dwarfism. The product increases the development of young leaves and counteracts necrosis and desiccation of the leaf margins. It enhances and complements root development. It is recommended to apply the product during the growth and flowering phases of the crop, during pollen formation requiring high amounts of calcium.

CROPS	APPLICATION: ROOT	DOSES
HORTICULTURE	Root	2 – 3 kg. x 1000 m²; 20 – 30 Kg. Ha.
ARBOREAL	Root	2 – 3 kg. x 1000 m²; 20 – 30 Kg. Ha.
ORNAMENTAL	Root	2 – 3 kg. x 1000 m²; 20 – 30 Kg. Ha.

the recommended doses are indicative and depend on the crop. Do not mix with copper or sulphur-based products, products with an alkaline reaction or oil-based products. In case of miscibility with other products, a compatibility test is recommended. Use appropriate eye and skin protection equipment. Keep out of the reach of children. Keep away from food and drink. In case of contact with eyes and skin, wash with plenty of water and show the label to a doctor. Store the product in a cool, dry place at a temperature between 10° and 30° C.







OPCANIC NITPOCEN

ORGANIC NITROGEN FERTILIZERS AND PLANT GROWTH REGULATORS

The products of this category stimulate physiological activities of the plant.

Among them, the most important are photosynthesis, transpiration, rooting, flowering, fruit set, ripening, and especially increased commercial product lifetime. Bio A.L.T. offers products for each physiological phase of vegetative development, researching new formulations and adapting them to the changing needs of the customers.

Our biostimulants contribute to plant nutrition, intervening in development differently from traditional fertilizers. These products, as already known in the previous literature, enhance especially nutrient absorption capacity helping use less traditional fertilizers and save money.

On the following pages, you will find a wide range of products that, at each stage of plant development, can enhance the absorption of nutrients and correct physiological abnormalities.



BIOALGAL



Natural organic nitrogen fertilizer. Zero residue product.

BIOALGAL is a product based on seaweed of the Ascophillum Nodosum genus. It is a brown seaweed native to the North Sea, rich in macro and micronutrients, vitamins, polysaccharides and natural promoters. It is particularly useful for accelerating and enhancing the development phase by strengthening the support organs, increasing leaf area, and preparing the plant for the reproductive phase.

COMPOSITION	Organic nitrogen (N) 1% Organic carbon (C) 10%

PACKAGE TANK 1000 KG., DRUM 200 KG., Bottle - Canister 1- 5 - 20 KG.

CROPS	APPLICATION	DOSES	PERIOD	INTERV.
CEREALS AND LEGUMES	Foliar	2 - 4 L. Ha.	At vegetative recovery	1 - 2
GREENHOUSE VEGETABLES	Foliar Root	100 ml. x 100 L. water 300 - 500 ml ml. x 1000 m²	From pre-flowering During the whole crop cycle	3 - 5 2 -3
POME AND STONE FRUIT	Foliar Root	1 - 1,2 L. Ha. 2 - 4 L. Ha.	From pre-flowering to re-growth	3 - 4 2 - 4
OPEN FIELD VEGETABLES	Foliar Root	1 - 1,5 L. Ha. 3 - 4 L. Ha.	From pre-flowering During the whole crop cycle	3 -4 3 -4
OLIVE TREES INTENSIVE PLANTS	Foliar	2 L. Ha.	From pre-flowering	1 - 2
CITRUS FRUITS	Foliar Root	2 L. Ha. 2 - 4 L. Ha.	From pre-flowering At vegetative recovery	2 - 3 2 - 4
KERNEL	Foliar Root	2 L. Ha. 2 - 4 L. Ha.	From pre-flowering At vegetative recovery	3 -4 2 - 4
WINE AND TABLE GRAPES	Foliar	2 L. Ha.	From pre-flowering to cluster closure To vegetative recovery	2 - 4
TURF AND ORNAMENTAL PLANTS	Foliar Root	2 L. Ha. 2 - 4 L. Ha.	During the vegetative cycle At vegetative recovery	4 -5 2 - 4
WINE AND TABLE GRAPES	Foliar Root	2 L. Ha. 2 - 4 L. Ha.	From pre-flowering At vegetative recovery	1 - 2 2 - 4
ACTINIDIA	Foliar Root	2 L. Ha. 2 - 4 L. Ha.	From pre-flowering to cluster closure To vegetative recovery	1 - 2 2 - 4

At temperatures above 30-35°, do not exceed 40 ml per hectoL. Do not mix with copper or sulphur-based products, products with an alkaline reaction or oil-based products. In case of miscibility with other products, it is advisable to carry out a compatibility test. Dosages and the number of interventions are purely indicative and must be modulated according to the needs of the crop and climatic conditions. 100% natural.













MAX 1200



Organic nitrogen fertilizer

MAX 1200 is a product based on natural cytokinins. The product is capable of exerting a regulatory function on plant cells. Its action takes place during the various stages of vegetative development.

The natural cytokinins contained in MAX 1200 promote cell division, stimulate tissue growth and delay senescence.

The use of the product leads to clear increases in quality and quantity. If used regularly, the product helps to strengthen the tomato stem.

COMPOSITION	Seaweed extract 100% Organic Nitrogen (N) 1% Organic Carbon (C) 10%
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PACKAGE Bottle - Canister 1 – 5 L.

CROPS	APPLIC.	DOSES	PERIOD	INTERV.
GREENHOUSE VEGETABLES	Foliar Root	250 - 300 ml. x 100 L. water 250 - 400 ml. x 1000 m ²	During flowering And fruit growth	3 - 5 3 - 5
POME AND STONE FRUIT	Foliar Root	1 - 1,5 L. Ha. not recommended	From pre-flowering Not recommended	1 - 2
OPEN FIELD VEGETABLES	Foliar Root	250 - 300 ml. x 100 L. water 250 - 400 ml. x 1000 m²	During flowering And fruit growth	2-3 2-3
OLIVE TREES INTENSIVE PLANTS	Foliar Root	1 - 1,5 L. Ha. not recommended	From pre-flowering Not recommended	2 - 3
CITRUS FRUITS	Foliar Root	1 - 1,5 L. Ha. not recommended	From pre-flowering Not recommended	2 - 3
KERNEL	Foliar Root	1 - 1,5 L. Ha. not recommended	From pre-flowering Not recommended	2 - 3
WINE AND TABLE GRAPES	Foliar Root	1,5 - 2 L. Ha. not recommended	From pre-flowering to cluster closure Not recommended	3 -4

In temperatures above 30-35° DO NOT EXCEED 40 ml per hectoL. Do not mix with copper or sulphur based products, products with alkaline reaction, or oil-based products. In case of miscibility with other products, it is advisable to carry out a compatibility test. Dosages and the number of interventions are purely indicative and must be modulated according to the needs of the crop and climatic conditions.











GOLDEN RED



Organic mineral fertiliser with low chlorine content

Fluid extract of yeasts and brown algae of the genus Ascophyllum nodosum, a newly developed natural bio-activator rich in essential natural amino acids, a balanced source of macro- and micro-elements, fulvic and humic acids and enzymes that stimulate the production of natural phytohormones such as cytokinins and auxins with cell growth and development effects.

Golden Red preserves and increases the viability of the bacteria Azotobacter, Bacillus subtilis, and amyloliquefasciens, which act antagonistically against harmful bacteria and fungal diseases.

Golden red reduces crop senescence, reduces apical dominance in protected crops increases production levels in terms of yield and quality, and reduces stress and nutritional imbalances.

Total nitrogen (N) 3 %

Organic nitrogen (N) 3 %.

COMPOSITION Water-soluble potassium oxide (K2O) 8 %.

Organic carbon (C) of biological origin 3 % Mineral fertilisers: potassium sulphate

Mineral rertilisers: potassium sulphate

Organic matrices: fluid yeast extract containing brown algae

PACKAGE Bottle - Canister 1 – 5 L.

CROPS	APPLIC.	DOSES	PERIOD	INTERV.
GREENHOUSE VEGETABLES	Foliar Root	250 - 300 ml. x 100 L. water 250 - 400 ml. x 1000 m²	During flowering And fruit growth	3 - 5 3 - 5
POME AND STONE FRUIT	Foliar Root	1 - 1,5 L. Ha. not recommended	From pre-flowering Not recommended	1 - 2
OPEN FIELD VEGETABLES	Foliar Root	250 - 300 ml. x 100 L. water 250 - 400 ml. x 1000 m²	During flowering And fruit growth	2-3 2-3
OLIVE TREES INTENSIVE PLANTS	Foliar Root	1 - 1,5 L. Ha. not recommended	From pre-flowering Not recommended	2 - 3
CITRUS FRUITS	Foliar Root	1 - 1,5 L. Ha. not recommended	From pre-flowering Not recommended	2 - 3
KERNEL	Foliar Root	1 - 1,5 L. Ha. not recommended	From pre-flowering Not recommended	2 - 3
WINE AND TABLE GRAPES	Foliar Root	1,5 - 2 L. Ha. not recommended	From pre-flowering to cluster closure Not recommended	3 -4

In temperatures above 30 - 35° DO NOT EXCEED DOSES OF 40 ml per hl. Do not mix with copper or sulphur-based products, products with an alkaline reaction, or oil-based products. In case of miscibility with other products, a compatibility test is recommended. Dosages and the number of applications are purely indicative and should be modulated according to crop requirements and climatic conditions.











FRUIT L



Organic nitrogenous fertilizer promotes bunch elongation.

Thanks to its formulation, it has a strong stimulating effect on various plant physiological processes such as cell division, photosynthesis, respiration, protein synthesis, translocation, and accumulation of assimilates. Used regularly, it improves bunch elongation and fruit set.

COMPOSITION	Total nitrogen (N) 1% Organic nitrogen (N) 1% Organic carbon (C) 10%
PACKAGE	Bottle - Canister 1 – 5 L.

CROPS	APPLICATION	DOSES	PERIOD	INTERV.
GREENHOUSE VEGETABLES	Foliar Root	100 - 130 ml. X 100 L. water 200 - 250 ml. X 1000 m²	During the entire crop cycle	3 - 5 3 - 5
POME AND STONE FRUIT	Foliar Root	2 -2,5 L. ha. 200 - 250 ml. X 1000 m²	From pre-flowering Not recommended	2-3
OPEN FIELD VEGETABLES	Foliar Root	150 - 200 ml. X 100 L. water 200 - 250 ml. X 1000 m²	During the entire crop cycle	3 - 5 3 - 5
OLIVE TREE	Foliar Root	1 - 1,5 L. ha. Not recommended	From pre-flowering Not recommended	2-3
CITRUS FRUITS	Foliar Root	1 - 1,5 L. ha. Not recommended	From pre-flowering Not recommended	2-3
KERNEL	Foliar Root	1 - 1,5 L. ha. Not recommended	From pre-flowering Not recommended	2-3
WINE AND TABLE GRAPES	Foliar Root	1 - 1,5 L. ha. Not recommended	From pre-flowering to cluster closure Not recommended	3 -4
ACTINIDIA	Foliar Root	1 - 1,5 L. ha. Not recommended	From pre-flowering Not recommended	1 - 2

At temperatures above 30-35°C do not exceed the dose of 40 ml per hectoL. Do not mix with copper or sulphur-based products, alkaline reacting products or oil-based products. In case of miscibility with other products, a compatibility test is recommended. The recommended doses are indicative and depend on the crop.











KOLOR UP



Enzymatic hydrolysate of Fabaceae.

KOLOR UP is a formulation designed to improve the earliness, ripeness, uniformity, and color of fruit and vegetables. It has specific action based on amino acids, important elements in the ripening and coloring processes of the fruit. KOLOR UP anticipates the ripening, coloring, and sugar accumulation fruit processes.

Total amino acids 5%
COMPOSITION Free amino acids 5%
Degree of hydrolysis 30%

PACKAGE Bottle - Canister 1 – 5 L.

CROPS	APPLICATION	DOSES	PERIOD	INTERV.
GREENHOUSE VEGETABLES	Foliar Root	250 Ml. X 100 L. water 500 Ml. X 1000 m ²	Acceleration of the ripening process	1 - 2 1 - 2
POME AND STONE FRUIT	Foliar Root	2 -2,5 L. ha. 5 L. ha.	Acceleration of the ripening process	1 - 2 1 - 2
OPEN FIELD VEGETABLES	Foliar Root	250 Ml. X 100 L. water 500 Ml. X 1000 m²	Acceleration of the ripening process	1 - 2 1 - 2
OLIVE TREE	Foliar Root	2 -2,5 L. ha. Not recommended	Acceleration of the ripening process Not recommended	1 - 2
CITRUS FRUITS	Foliar Root	2 -2,5 L. ha. Not recommended	Acceleration of the ripening process Not recommended	1 - 2
WINE AND TABLE GRAPES	Foliar Root	2-3 L. ha. Not recommended	Acceleration of the ripening process Not recommended	1-2
ACTINIDIA	Foliar Root	2-3 L. ha. Not recommended	Acceleration of the ripening process Not recommended	1 - 2
ACTINIDIA	Foliar Root	1 - 1,5 L. ha. Not recommended	From pre-flowering Not recommended	1-2

The recommended doses are indicative and depend on the crop. Do not mix with copper or sulphur-based products, products with an alkaline reaction or oil-based products. In case of miscibility with other products, it is advisable to carry out a compatibility test.













OURSUN



Compound mineral fertilizer, is a regulator of plant's water balance.

Specific liquid formulation. Facilitates root development, regulates plant water uptake, and promotes fruiting processes, sugar content, fruit color, volume and texture.

COMPOSITION	Phosphoric anhydride (P2 O5) soluble in water 13% Potassium oxide (K2O) soluble in water 12% Activator: Humic acids 1%

PACKAGE Bottle - Canister 1 – 5 L.

ASPECT Liquid

CROPS	APPLICATION	DOSES	PERIOD	INTERV.
GREENHOUSE VEGETABLES	Foliar Root	100 ml. X 100 L. water 200 ml. X 1000 m² - 1 - 2 L. Ha.	From setting to harvesting	3 2
OPEN FIELD VEGETABLES	Foliar Root	100 ml. X 100 L. water. 200 ml. X 1000 m² - 1 - 2 L. Ha.	From setting to harvesting	2 - 3 1
POME AND STONE FRUIT	Foliar Root	100 ml. X 100 L. water 1 - 2 L. Ha.	At maturity	1 -2 1
CHERRY	Foliar Root	100 ml. X 100 L. water 1 - 2 L. Ha.	At maturity	2 - 3 1
CITRUS FRUITS	Foliar Root	100 ml. X 100 L. water Not recommended	From fruit formation	2-3
WINE AND TABLE GRAPES	Foliar Root	100 ml. X 100 L. water Not recommended	At maturity	2 - 3
ACTINIDIA	Foliar Root	100 ml. X 100 L. water 1 - 2 L. Ha.	At maturity	1-2 1

The recommended doses are indicative and depend on the needs of the current crop and climatic conditions. Do not mix with copper or sulphur-based products, products with an alkaline reaction or oil-based products. In case of miscibility with other products, it is advisable to carry out a compatibility test.

Bio A.L.T. accepts no liability for any damage or partial results resulting from an incorrect application of the product itself or in any case not in accordance with the suggested indications.









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NPK ROOT AND FOLIAR FERTILIZERS

Fertilization processes, as well as other crop operations, have no standard solutions. Fertilization doses and application methods can be determined only by examining agronomic and environmental factors over time.

Last but not least, accurate knowledge and analysis of the soil are fundamental for a correct and effective fertilization plan.

The most important factors of fertilization are the follows:

- Crop characteristics, determining the chemical composition of the plant and its ability to assimilate nutrients;
- Seasonality of the crop and its environmental characteristics;
- Cultivation practices adopted;
- Agronomic factors;
- Organic fertilization;
- Rotations and associations;

- Starting condition of the soil and its availability of already present nutrients;
- Type of production you expect to achieve;

On the following pages, more widely used root and foliar fertilizers are proposed.

BOOSTER 4.25.



Vegetative development and natural flowering.

BOOSTER 4.25. is an organo-mineral fertilizer with a high number of vegetal amino acids. BOOSTER 4.25. is formed by high-quality and pure raw materials, differing from similar products. BOOSTER 4.25. is highly assimilable thanks to the innovative production techniques combining phosphorus and amino acids.

BOOSTER 4.25. is recommended during the growth and flowering phases of crops.

Total nitrogen (N) 4%
Organic nitrogen (N) 2.5%
Urea nitrogen (N) 1.5%
Total phosphorus pentoxide (P2 O5) 25%

COMPOSITION Phosphorus pentoxide (P2 O5) soluble in water and neutral ammonium citrate 25%
Organic carbon (C) 3%
Mineral fertilizers: urea, soft ground rock phosphate
Organic components: fluid borate

TANK 1000 KG. PACKAGE DRUM 200 KG.

Canister 5 - 20 L.

CROPS	APPLICATION	DOSES
HORTICULTURE	Fertigation	3 – 5 L./1000 m ²
ARBOREAL	Fertigation	30 – 50 L./Ha.
ORNAMENTAL	Fertigation	30 – 50 L./Ha.

The recommended doses are indicative and depend on crop requirements, phenological stage and climatic conditions. Do not mix with copper or sulphur-based products, products with an alkaline reaction or oil-based products. In case of miscibility with other products, a compatibility test is recommended.











K 50



Fruit enlargement and ripening.

K50 is a water-soluble fertilizer with high potassium content, synonymous with purity and meeting the most demanding requirements. K 50 satisfies potassium deficits at specific phenological stages. Constant use of the product facilitates swelling, and ripening and improves the organoleptic characteristics of the fruit.

COMPOSITION Potassium oxide (K2O) soluble in water 44%.

pH 7.5± (1 % solution)

PACKAGE JAR 1/2/5 KG.

ASPECT POWDER, WHITE COLOUR

CROPS	APPLICATION	DOSES	PERIOD	INTERV.
GREENHOUSE VEGETABLES	Foliar Root	150 - 200 gr. x 100 L. water 300 gr. x 1000 m²	Fruit enlargement, ripeness and colour	3 - 4 3 - 4
OPEN FIELD VEGETABLES	Foliar Root	2 ,5 - 3 Kg. X Ha. 3 - 4 Kg. X Ha.	Fruit enlargement, ripeness and colour	3 -4 3 -4
POME AND STONE FRUIT	Foliar Root	3, 00 Kg. X Ha. 4 - 5 Kg. X Ha.	Fruit enlargement, ripeness and colour	3 - 4 1 - 2
OLIVE TREES INTENSIVE PLANTS	Foliar Root	2 ,5 - 3 Kg. X Ha. 3 - 4 Kg. X Ha.	Fruit enlargement, ripeness and colour	2 - 3 1 - 2
CITRUS FRUITS	Foliar Root	3 - 3, 5 Kg. X Ha. 4 Kg. X Ha.	Fruit enlargement, ripeness and colour	2 - 3 2 - 4
KERNEL	Foliar Root	3, 00 Kg. X Ha. 4 - 5 Kg. X Ha.	Fruit enlargement, ripeness and colour	3 -4 2 - 4
WINE AND TABLE GRAPES	Foliar Root	3, 00 Kg. X Ha. 4 - 5 Kg. X Ha.	Fruit enlargement, ripeness and colour	1 - 2 1
ACTINIDIA	Foliar Root	3, 00 Kg. X Ha. 4 - 5 Kg. X Ha.	Fruit enlargement, ripeness and colour	3 - 4 2 - 4

The recommended doses are indicative and depend on crop requirements, phenological stage and climatic conditions. Do not mix with copper or sulphur-based products, products with an alkaline reaction or oil-based products. In case of miscibility with other products, a compatibility test is recommended.









PITMAG



Corrective. Mixed solutions of calcium and magnesium salts.

The specific liquid formulation is used to prevent and treat disorders of calcium uptake and distribution in plants of horticultural crops. It acts positively against physiological leaf and stalks desiccation in melons, apical desiccation in watermelons, apical wrinkling in cucumbers, browning and necrosis of leaf margins of salads, the black heart of celery, the browning of fennel, the apical desiccation of tomato, pepper and aubergine.

Water-soluble calcium oxide (CaO) 10%
COMPOSITION
Water-soluble magnesium oxide (MgO) 5%
Chelating calcium agent DTPA (CaO) 10%

PACKAGE BOTTLE 1 L. CANISTER 5 L.

CROPS	APPLICATION	DOSES	PERIOD	INTER.
GREENHOUSE VEGETABLES	Foliar Root	300 - 500 ml. x 100 L. water 500 ml - 1 L. x 1000 m²	Fruit enlargement, ripeness and colour	3 - 4 3 - 4
OPEN FIELD VEGETABLES	Foliar Root	5 lit. X Ha. 10 lit. x Ha.	Fruit enlargement, ripeness and colour	3 -4 3 -4
POME AND STONE FRUIT	Foliar Root	3, 00 lit. X Ha. 6 - 8 lit x Ha.	Fruit enlargement, ripeness and colour	3 - 4 1 - 2
OLIVE TREES INTENSIVE PLANTS	Foliar Root	2 ,5 - 3 lit. X Ha. 3 - 4 lit. X Ha.	Fruit enlargement, ripeness and colour	2 - 3 1 - 2
CITRUS FRUITS	Foliar Root	3 - 3, 5 lit. X Ha. 4 lit. X Ha.	Fruit enlargement, ripeness and colour	2 - 3 2 - 4
KERNEL	Foliar Root	3, 00 lit. X Ha. 4 - 5 lit. X Ha.	Fruit enlargement, ripeness and colour	3 -4 2 - 4
WINE AND TABLE GRAPES	Foliar Root	3, 00 lit. X Ha. 4 - 5 lit. X Ha.	Fruit enlargement, ripeness and colour	1 - 2 1
ACTINIDIA	Foliar Root	3, 00 lit. X Ha. 4 - 5 lit. X Ha.	Fruit enlargement, ripeness and colour	3 - 4 2 - 4

The recommended doses are indicative and depend on crop requirements, phenological stage, and climatic conditions. Do not mix with copper or sulphur-based products, products with an alkaline reaction or oil-based products. In case of miscibility with other products, a compatibility test is recommended.











FERTILEAF



Solid water-soluble foliar WATER SOLUBLE NPK fertilizers enriched with chelated microelements.

	FERTILEAF 10.40.10. + 2% Mg	Total nitrogen (N) 10%; Potassium (K2O) 10%; Ammoniacal nitrogen (N) 10%; Magnesium (Mg) 1,98%; Phosphorus (P2O5) 40%.
	FERTILEAF 15.5.30. + 1% (B)	Total nitrogen (N) 15%; Potassium (K2O) 30%; Phosphorus (P2O5) 5%; Boron (B) 1%
COMPOSITION	FERTILEAF 20.20.20. + CHELATED MICROELEMENTS	Total nitrogen (N) 20%; Urea nitrogen (N) 10.12%; Nitrate nitrogen (N) 5.34%; Nitrogen ammoniacal 4.61%; Potassium (K2O) 20.02%; Iron (EDTA Fe) 0,03%; Zinc (EDTA Zn) 0,02%; Manganese (EDTA Mn) 0.02%; Phosphorous (P2O5) 20.07%; Chelated copper (EDTA CU) 0.02%.
	FERTILEAF 30.10.10. + CHELATED MICROELEMENTS	Total nitrogen (N) 30%; Urea nitrogen (N) 26,90%; Nitrogen (N ammoniacal 3.1% Iron (EDTA Fe) 0.03%; Zinc (EDTA Zn) 0.02%; Manganese (EDTA Mn) 0.02%; Phosphorous (P2O5) 10.07%; Chelated copper (EDTA CU) 0.02%

JAR 2,5/5/10 KG. **PACKAGE**

Solid water-soluble foliar fertilizers enriched with chelated microelements. Water-soluble foliar fertilizers in different formulations of NPK (nitrogen, phosphorus and potassium) with chelated microelements. The products are designed for different phases of plant growth and fruit ripening.

- 10.40.10 +2% Mg indicated during flowering and fruit set to satisfy the plant's high demand for phosphorus.
- 15.5.30 + 1% (B) indicated during flowering and fruit set to satisfy the plant's high demand of potassium.
- 20.20.20 + CHELATED MICROELEMENTS indicated during flowering and fruit set to satisfy high plant's demand of nutrients. It can be used on all crops to obtain greater vegetative vigor.
- 30.10.10. + CHELATED MICROELEMENTS high concentration of nitrogen enriched with chelated microelements. Indicated during flowering and fruit set to satisfy high plant's demand of nitrogen.

Instruction for use: please refer to the label of each individual product for doses and methods.

The doses recommended on each product are indicative and depend on the crop. Do not mix with copper or sulphur-based products, products with an alkaline reaction or oil-based products. In case of miscibility with other products, it is advisable to carry out a compatibility test.











BORO ET



Liquid fertilizer based on boron ethanolamine.

BORO ET is a formulation containing boron in association with organic molecules, greatly reducing the risk of plant toxicity. Boron is important over cell division, promoting the synthesis of nucleic acids and vegetative growth. It promotes fertilization by increasing pollen germination, encourages the translocation of carbohydrates from leaves to fruit, and reduces millerandage.

COMPOSITION	Water-soluble boron (B) 15%
COMPOSITION	Complexing agent ethanolamine

PACKAGE Bottle - Canister 1 – 5 – 20 L.

CROPS	APPLICATION	DOSES	PERIOD	INTERV.
GREENHOUSE VEGETABLES	Foliar Root	150 - 200 gr. x 100 L. water 300 - 500 ml. x 1000 m²	Fruit enlargement, ripeness and colour	3 - 4 3 - 4
OPEN FIELD VEGETABLES	Foliar Root	200 ml. X Ha. 3 - 4 lit. X Ha.	Fruit enlargement, ripeness and colour	3 -4 3 -4
POME AND STONE FRUIT	Foliar Root	3, 00 lit. X Ha.	Fruit enlargement, ripeness and colour	3 - 4 1 - 2
OLIVE TREES INTENSIVE PLANTS	Foliar Root	2 lit. X Ha.	Fruit enlargement, ripeness and colour	2 - 3 1 - 2
CITRUS FRUITS	Foliar	2 lit. X Ha.	Fruit enlargement, ripeness and colour	2 - 3 2 - 4
KERNEL	Foliar	3, 00 lit. X Ha.	Fruit enlargement, ripeness and colour	3 -4 2 - 4
WINE AND TABLE GRAPES	Foliar	3, 00 lit. X Ha.	Fruit enlargement, ripeness and colour	1 - 2 1
ACTINIDIA	Foliar	3, 00 lit. X Ha.	Fruit enlargement, ripeness and colour	3 - 4 2 - 4

The recommended doses are indicative and depend on crop requirements, phenological stage and climatic conditions. Do not mix with copper or sulphur-based products, products with an alkaline reaction or oil-based products. In case of miscibility with other products, a compatibility test is recommended.











ZHIMAD



Zinc and Manganese in liquid form for of physiopathologies prevention.

ZHIMAD is a specific fertilizer used to prevent and treat physiopathologies related to zinc and manganese deficiency. Zinc and manganese exert a complex catalytic action on plants, participating in respiration, photosynthesis and regulating auxin metabolism. The product can be applied either by foliar application or by fertigation. The response of the plant treated with ZHIMAD is immediate and visible.

COMPOSITION	Manganese (Mn) 4.5% Zinc (Zn) 4.5% Chelating agent DTPA		
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TANK 1000 KG.
PACKAGE DRUM 220 KG.

Bottle - Canister 1 – 5 – 20 L.

CROPS	APPLICATION	DOSES	PERIOD	INTERV.
GREENHOUSE VEGETABLES	Foliar Root	150 - 200 gr. x 100 L. water 300 - 500 ml. x 1000 m²	Fruit enlargement, ripeness and colour	3 - 4 3 - 4
OPEN FIELD VEGETABLES	Foliar Root	3 lit. X Ha. 5 lit. X Ha.	Fruit enlargement, ripeness and colour	3 -4 3 -4
POME AND STONE FRUIT	Foliar Root	3, 00 lit. X Ha. 4 - 5 lit. X Ha.	Fruit enlargement, ripeness and colour	3 - 4 1 - 2
OLIVE TREES INTENSIVE PLANTS	Foliar Root	2 ,5 - 3 lit. X Ha. 3 - 4 lit. X Ha.	Fruit enlargement, ripeness and colour	2 - 3 1 - 2
CITRUS FRUITS	Foliar Root	3 - 3, 5 lit. X Ha. 4 lit. X Ha.	Fruit enlargement, ripeness and colour	2 - 3 2 - 4
KERNEL	Foliar Root	3, 00 lit. X Ha. 4 - 5 lit. X Ha.	Fruit enlargement, ripeness and colour	3 -4 2 - 4
ACTINIDIA	Foliar Root	3, 00 lit. X Ha. 4 - 5 lit. X Ha.	Fruit enlargement, ripeness and colour	3 - 4 2 - 4

The recommended doses are indicative and depend on crop requirements, phenological stage and climatic conditions. Do not mix with copper or sulphur-based products, products with an alkaline reaction or oil-based products. In case of miscibility with other products, a compatibility test is recommended.













FERRO CHELATO



Microelements

FERRO CHELATO è contains iron chelated in water-soluble micro granules. The chelator EDDHA confers high stability due to its ortho-ortho isomer position: the high concentration of active iron can obtain a prompt greening action even in high pH soils. Iron 6% treatments are effective in the prevention and treatment of yellowing of leaves, poor bud development and insufficient flower coloration. The product is marketed in three O.O. formulations. (3.6 - 4.2 - 4.8 O.O.)

Iron (Fe) 6%

COMPOSITION

Chelating agent EDDHA

Three formulations

3.6 - 4.2 - 4.8 OO

PACKAGE JAR 1-5-20 KG.

CROPS	APPLICATION	DOSES
HORTICULTURE	Fertigation	250 – 500 gr./1000 m² 2,5 – 5 KG./Ha.
ARBOREAL	Fertigation	250 – 500 gr./1000 m² 2,5 – 5 KG./Ha.
ORNAMENTAL	Fertigation	250 – 500 gr./1000 m² 2,5 – 5 KG./Ha.

The recommended doses are indicative and depend on crop requirements, phenological stage and climatic conditions. Do not mix with copper or sulphur-based products, products with an alkaline reaction or oil-based products. In case of miscibility with other products, a compatibility test is recommended.







ZHIMAFER



Mixture of chelated microelements.

ZHIMAFER is a special balanced and complex formulation of chelated microelements. Due to its intrinsic characteristics, the product has a preventive and curative function against the most common micro deficiency physiopathologies. The microelements, present in the product, can stimulate the plant's metabolic activity activating plant's enzymatic processes. The response of the plant treated with ZHIMAFER is immediate and visible.

Water-soluble Iron (Fe) 5.1%

Iron (Fe) chelated with DTPA 5.1%

Water-soluble Manganese (Mn) 1.1%

COMPOSITION Magnesium (Mn) chelated with DTPA 1.1%.

Water-soluble Zinc (Zn) 1.3% Zinc (Zn) chelated with DTPA 1.3% Chelating agent DTPA pH 3.3

TANK 1000 L.

PACKAGE DRUM 200 L.

Bottle - Canister 1 – 5 – 20 L.

ASPECT Liquid

CROPS	APPLICATION: FERTIGATION/FOLIAR		DOSES
HORTICULTURE	Root	Fertigation	400 ml. x 1000 m²
	Foliar	Foliar	200 ml. x Hl.
ARBOREAL	Root	Fertigation	400 ml. x 1000 m²
	Foliar	Foliar	200 ml. x Hl.
ORNAMENTAL	Root	Fertigation	300 ml. x 1000 m²
	Foliar	Foliar	200 ml. x Hl.

The recommended doses are indicative and depend on crop requirements, phenological stage and climatic conditions. Do not mix with copper or sulphur-based products, products with an alkaline reaction or oil-based products. In case of miscibility with other products, a compatibility test is recommended.













MICRO MO



Mixture of molybdenum and boron.

MICRO MO is a fluid mixture of water-soluble microelements, rich in Molybdenum (Mo) and Boron (B) to promote flower fertility by increasing the quantity and quality of the pollen. The plant's response is immediate. The substances contained are chelated and water-soluble. Its liquid formulation gives the product great advantages, not clogging irrigation systems and promoting its facilitated use. MICRO Mo can be used in both organic and integrated agriculture, on its own or in combination with other products of this line Bio A.L.T.

COMPOSITION	Water-soluble molybdenum (Mo) 4 Water-soluble boron (B) 4
PACKAGE	Bottle 1 L. CARTON BOX 12 P. Canister 5 L. CARTON BOX 4 P.
ASPECT	Liquid

CROPS	APPLICATION: FERTIGATION/FOLIAR		DOSES
HORTICULTURE	Root	Fertigation	300 - 500 ml x 1000 m²
	Foliar	Foliar	150 ml. x Hl.
ARBOREAL	Root	Fertigation	250 ml. x 1000 m²
	Foliar	Foliar	150 ml. x Hl.
ORNAMENTAL	Root	Fertigation	200 ml. x 1000 m²
	Foliar	Foliar	100 ml. x Hl.

The recommended doses are indicative and depend on crop requirements, phenological stage and climatic conditions. Do not mix with copper or sulphur-based products, products with an alkaline reaction or oil-based products. In case of miscibility with other products, a compatibility test is recommended.









