



bioA.L.T.[®]

NATURAL PRODUCTS FOR THE GARDEN
AND VEGETABLE GARDEN
WITH ZERO RESIDUALITY AND CHARGES

Product Catalogue Home & Garden 2025



**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


bioA.L.T.
PRODOTTI PER L'AGRICOLTURA E L'AMBIENTE

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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.

Simboli identificativi del prodotto



Allowed in
biologic
agriculture



Zero residue
product



100% Natural



Root
application



Foliar
application



Application
Fertigation



Root
Bath



Soil
application



Seed
treatment

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

A close-up photograph of a plant's root system. The roots are light brown and fibrous, with several distinct, enlarged, and distorted root tips, characteristic of nematode damage. A green stem with small leaves is visible at the top. A white, rounded rectangular text box is overlaid on the center of the image.

**ZERO RESIDUE
PRODUCTS
NEMATODE
PREVENTION**

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 m ²
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.

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.





**ZERO RESIDUE
PRODUCTS
FUNGI AND ROT
PREVENTION**

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 recommend 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 GRAPES	Foliar	750 ml./Ha. alone or in combination with chemical fungicides
	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.

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.



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 LEGUMES	Foliar	1 L. Ha.	from firts leaf to harvest	1 - 2
	Foliar	200 ml. x 100 L. water		
GREENHOUSE VEGETABLES	root	250 - 300 ml. x 1000 m ²	during the entire crop pcycle	3 - 5
	Foliar	200 ml. x 100 L. water		
POME AND STONE FRUIT	root	4 L. Ha.	from pre-flowering	3 - 4
	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 crop pcycle	2 - 4
	root			

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.

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.



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

PACKAGE

BOTTLE - CANISTER 1 - 5 L.

ASPECT

LIQUID, PAGLIER YELLOW COLOUR

CROPS	APPLICATION	DOSES	PERIOD	INTERV.
GREENHOUSE VEGETABLES	Foliar	250 ml. x 100 L. water	during the entire crop pcycle	3 - 5
	root	450 - 500 ml. x 1000 m ²		
POME AND STONE FRUIT	Foliar	200 ml. x 100 L. water	from pre-flowering	3 - 4
	root	4 L. Ha.	at vegetative recovery	2 - 4
OPEN FIELD VEGETABLES	Foliar	250 ml. x 100 L. water	during the entire crop pcycle	3 - 5
	root	450 - 500 ml. x 1000 m ²		
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 PLANTS	Foliar	1,5 - 2 L. Ha.	during the vegetative cycle	4 - 5
	root	2 - 4 L. Ha.	at vegetative recovery	2 - 4
ACTINIDIA	Foliar	3 - 4 L. Ha.	during the entire crop pcycle	2 - 4
	root			

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.

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.



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.

COMPOSITION

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.

ASPECT

BLUE LIQUID

CROPS	APPLIC.	DOSES	PERIOD	INTERV.
CEREALS AND LEGUMES	Foliar	1 L. Ha.	from first leaf to harvest	1 - 2
	Foliar	200 ml. x 100 L. water		
GREENHOUSE VEGETABLES	root	250 - 300 ml. x 1000 m ²	during the entire crop cycle	3 - 5
	Foliar	200 ml. x 100 L. water		
POME AND STONE FRUIT	root	4 L. Ha.	from pre-flowering	3 - 4
	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 cycle	3 - 5
OLIVE TREE	Foliar	2 L. Ha.	during the entire crop cycle	2 - 4
CITRUS FRUITS	Foliar	2 L. Ha.	during the entire crop cycle	2 - 5
KERNEL	Foliar	2 L. Ha.	during fruit enlargement	2 - 4
WINE AND TABLE GRAPES	Foliar	2 L. Ha.	during the entire crop cycle	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 crop cycle	2 - 4
	root			

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.

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.



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
HORTICULTURE	Foliar	150 – 200 ml./100 L. water
	Root	150 - 300 x 1000 m ² 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.

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.



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

ZOLFO 60 is a product designed to treat 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
HORTICULTURE	Foliar	150 – 200 ml./100 L. water
	Root	150 - 300 x 1000 m ² 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 small areas. Do not treat during flowering.

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.



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

TOTAL COPPER GLUCONATE 4.25%.
SULPHUR (S) TOTAL 45 %
LIQUID FORMULATION

PACKAGE

BOTTLE - CANISTER 1 - 5 L.

CROPS	APPLICATION	DOSES
CARROT	During cooler hours of the day	200 – 250 ml./100 L. water
POTATO	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
BETROOT	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.

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.



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.

COMPOSITION	BORLANDA AGRO-FOOD FLUID 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 VEGETABLES	Foliar	250 ml. x 100 L. water	during the entire crop pcycle	3 - 5
	root	450 - 500 ml. x 1000 m ²		
POME AND STONE FRUIT	Foliar	200 ml. x 100 L. water	from pre-flowering	3 - 4
	root	4 L. Ha.	at vegetative recovery	2 - 4
OPEN FIELD VEGETABLES	Foliar	250 ml. x 100 L. water	during the entire crop pcycle	3 - 5
	root	450 - 500 ml. x 1000 m ²		
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 PLANTS	Foliar	1,5 - 2 L. Ha.	during the vegetative cycle	4 - 5
	root	2 - 4 L. Ha.	at vegetative recovery	2 - 4
ACTINIDIA	Foliar	3 - 4 L. Ha.	during the entire crop pcycle	2 - 4
	root			

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.

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.



A vibrant collage of fresh fruits including kiwi, strawberries, lemons, oranges, and apples. The fruits are arranged in a dense, overlapping pattern, creating a colorful and appetizing background. The kiwi is sliced, showing its green flesh and black seeds. The strawberries are bright red with green leaves. The lemons are bright yellow, and the oranges are sliced, showing their orange segments. The apples are a mix of red and yellow.

**ZERO RESIDUE
PRODUCTS
INSECT AND MITE
PREVENTION**



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.

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**

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.



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.
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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.

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.



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.

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.



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.

COMPOSITION

SAPINDACEAE PLANT EXTRACT 50%
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.

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.



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.

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.



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.

ASPECT 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, 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-WALNUT-CHESTNUT	Foliar: from the start of shoots to fruit set	2,5 – 5 L./Ha. alone or in combination with biological or chemical insecticides
	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**

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.



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**

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.



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.

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.

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.



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**

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.



Fertilizer with antifreeze properties.

COMPOSITION	POTASSIUM OXIDE (K ₂ O) 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.

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.



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.

COMPOSITION

Organic nitrogen - N org % 3.0
Total nitrogen - N tot % 3.0
Organic carbon - C org. % 7.5
Potassium oxide - K₂O % 18,5

MESOELEMENTS :
Water-soluble calcium - CaO % 2.5

MATERIE PRIME

- DRIED BORLANDA
POTASSIUM SULPHATE
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.

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.



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.

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.





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.

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 tolerate 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.

COMPOSITION	Mycorrhizae: <i>Glomus Intraradices</i> 1% Trichoderma <i>Harzianum</i> and Trichoderma <i>Asperellum</i> : u.f.c. > 4x10 ⁸ Organic matrix: Organic peat soil improver	
PACKAGE	JAR 1 KG 500 GR - 1 KG	
ASPECT	POWDER, WHITE COLOUR	
CROPS	APPLICATION: FERTIGATION	DOSES
HORTICULTURE	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
	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/1000m ² 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 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.

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.



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 5×10^{10} 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 5×10^{10} w.f.c./g

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/1000m ² 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

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.



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
HORTICULTURE	Fertigation: during the crop cycle	250 gr./1000m ²
	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.

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.



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: <i>glomusintraradices</i> 2 spores/gr; Rhizosphere bacteria; <i>Bacillus subtilis</i> ; <i>Bacillus megaterium</i> ; <i>Pseudomonas</i> spp. <i>Trichoderma</i> : 1x10 ⁹ CFU/g Organic matter 15%. Amino acids of natural origin, vitamins, folic acid, sugars of natural origin
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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.

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.



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

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

COMPOSITION

Mycorrhizae: glomus intraradices 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.
	Foliar: berry enlargement	3 L./Ha. in combination with FIXAR 1,5 L./Ha.
KIWI-CITRUS FRUITS (POME AND STONE FRUITS) HAZELNUT-WALNUT-CHESTNUT	Foliar: from the start of shoots to fruit set	2,5 L./Ha. in combination with FIXAR 1,5 L./Ha.
	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.

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.





An aerial photograph of a dirt track, likely for horse racing, showing numerous parallel vertical grooves in the brown soil. The lighting creates a strong sense of depth and texture.

NUTRITION



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