msbiotech®

green biotechnology

CATALOG

msbiotech®
green biotechnology

MICROTECH
MICROBIAL
BIOSTIMULANT
CONCENTRANTED

TWINTECH
NUTRITIONALS
WITH INOCULUM
CONCENTRATED

DUALTECH
ORGANIC PELLETS
ENRICHED
WITH
MICROORGANISMS

VERATECH
MICROELEMENTS
AND MESOELEMENTS
ENRICHED
WITH MICROBES

Rigenera
PRE AND PROBIOTICS
FOR SOIL HEALTH
RESTORATION

Phyllon
ORGANIC BIOSTIMULANTS
WITH ADDED
MICROBIALS

NUTRYTECH
WATER-SOLUBLE
FERTILIZERS
ENRICHED
WITH MICROBES

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ORGANIC FARMING
ORGANIC

BEE SAFE

ZERO RESIDUE

PRODUCTS

MICROTECH LINE

BIOSTIMULANTS AND INOCULATION OF MYCORRHIZAL FUNGI

NATURAL NUTRITION
MICRO® ACTIVE COMPLEX
NATURAL RESISTANCE

Innovative products characterized for the exclusive **MICRO ACTIVE COMPLEX®** formulation to ensure crops the overcoming biotic and abiotic stresses, increasing their ability to absorb and use nutrients.

MICRO ACTIVE COMPLEX® enhances the advantages of the use of **PROBIOTIC** microorganisms and establishes a new quality standard.

TRICOTECH
+ ACTIVE ON TRI

Root Use

Trichoderma spp.

ORGANIC FARMING ORGANIC

ZERO RESIDUE

NATURAL NUTRITION MICRO® ACTIVE COMPLEX NATURAL RESISTANCE

PACKAGING:

CHARACTERISTICS

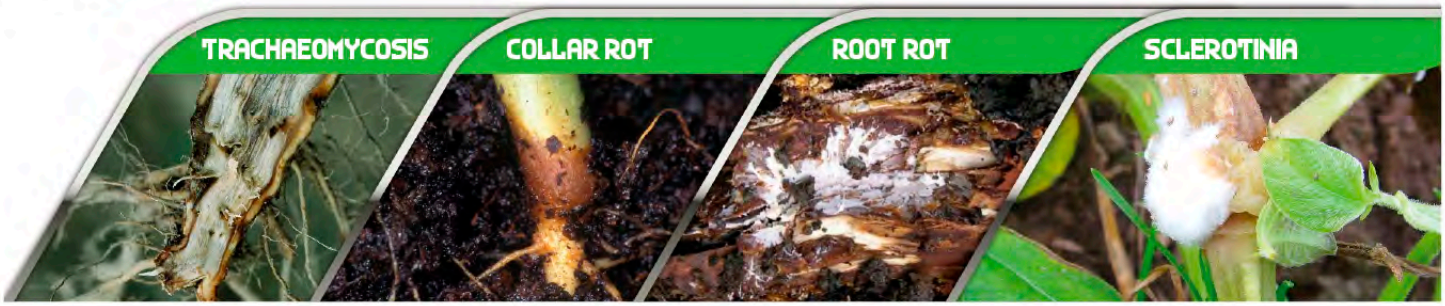
TRICOTECH is a formulation containing fungal spores of the fungus Trichoderma. The product is particularly indicated in the early stages of crop development such as post-transplantation, post-planting or at vegetative restart. Due to the ability of the fungus to colonise the growing medium at a very early stage and to produce biologically active substances, it hinders the development of potential harmful microorganisms such as: (*Armillarea, Pythium, Sclerotinia, Rhizoctonia, Fusarium and Verticillium*), while stimulating the plants' natural defences.

Composition (% W/P)

Specific action product

Type of organic soil conditioner: simple non-composted plant soil conditioner	
Content in mycorrhizae (*Glomus spp.*)	0,0001%
Rhizosphere bacteria content	1 x 10^3 UFC/g
Trichoderma sp. content	1 x 10^8 UFC/g

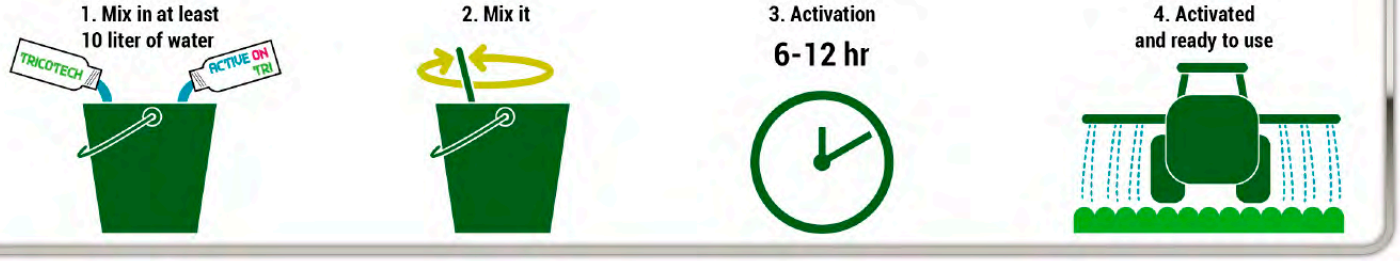
Raw materials: inoculation of mycorrhizal fungi.
The product is stable at ordinary temperatures and pressures.
Store at a temperature between 10°C and 35°C. The product does not contain genetically modified and pathogenic organisms (salmonella, faecal coliforms, aerobic mesophiles and nematode eggs). **pH:** 6,00



Crop	Stress caused by:	Application	Dose and method of use
HORTICULTURE: *Tomato, Pepper, Eggplant Potato, Strawberry Green bean, Lettuce*	-Pythium -Sclerotinia -Rhizoctonia -Fusarium and Verticillium	**FERTIGATION** *Pre-transplantation*	Dip or soak the cubes or alveolar trays before transplanting, in a solution of 200 ml of **TRICOTECH** + 200 ml of **ACTIVE ON TRI** in 100 litres of water, for a few minutes (do not soak the leaves with the product). Let the excess solution "drain" and transplant. If necessary, use the residual solution for fertigation after filtering.
		FERTIGATION *During the cultivation cycle*	Carry out the fertigation treatment, in correspondence of a further growth of roots, with a solution of 200 ml of **TRICOTECH** + 500 ml of **ACTIVE ON TRI** in 1000 square metres (2l of **TRICOTECH** + 5l of **ACTIVE ON TRI** per hectare). Repeat the intervention several times during the crop cycle according to requirements. In the following interventions, it is possible to reduce the dosages per hectare keeping in mind the state of stress of the plant.
ARBOREAL: *Peach, Cherry, Plum, Apricot, Apple, Pear, Khaki, Kiwi, Citrus, Vine, Olive*	-Armillaria -Phytofthora -Root rot -Kiwi die-off	*On planting*	Soak for a few minutes in a solution of 200 ml of **TRICOTECH** in 100 litres of water.
		FERTIGATION *At vegetative recovery*	Repeat the treatment by irrigation at the vegetative resumption, in correspondence of the roots growth with a solution of 200 ml of **TRICOTECH** + 500 ml of **ACTIVE ON TRI** in 1000 square meters (2l of **TRICOTECH** + 5l of **ACTIVE ON TRI** per hectare). This last treatment can be repeated several times during the crop cycle depending on requirements. **In subsequent treatments, the dosages per hectare can be reduced, bearing in mind the state of stress of the plant.**
	-Grapevine esca disease -Sclerotinia -Eutipiosis	**FOLIAR**	Carry out early applications (post-pruning planting phase). When the temperature is at least 10°c **TRICOTECH** 1L + **ACTIVE ON TRI** 1L at reduced volumes 400l/ha trying to localize the product on the pruning cuts. It is advisable to repeat the application after 7-10 days and in any case within the sprouting phase. To increase the effectiveness of the treatment it is advisable to use a wetting/adhesive agent.

PRE-ACTIVATION

The product contains vital spores of *Trichoderma sp.*
We suggest to pre- activate the product 6-12 huors before use.



ORGANIC FARMING ORGANIC

ZERO RESIDUE

NATURAL NUTRITION MICRO® ACTIVE COMPLEX NATURAL RESISTANCE

PACKAGING:

NEMATECH

+ ACTIVE ON NEM

Root Use

Pochonia spp.

CHARACTERISTICS

NEMATECH is an innovative liquid formulation based on viable spores of the fungus *Pochonia spp.*, which effectively helps to overcome stress caused by attacks of root pathogens even in the presence of gallium nematodes of the genus *Meloidogyne spp., Heterodera spp., Tylenchulis semipenetrans, etc.*

Composition (% W/P)

Specific action product

Type of organic soil conditioner: simple non-composted plant soil conditioner	
Content in mycorrhizae (*Glomus spp.*)	0,0001%
Rhizosphere bacteria content	1 x 10^3 UFC/g
Content in fungal spores of *Pochonia sp.* in concentration	> 10^8 UFC/g

Raw materials: inoculation of mycorrhizal fungi.
The product is stable at ordinary temperatures and pressures. Store at a temperature between 10°C and 35°C.
The product does not contain genetically modified organisms and pathogenic organisms (salmonella, faecal coliforms, aerobic mesophiles and nematode eggs).
pH: 6,00

Crops	Stress caused by:	Application	Dose and method of use
HORTICULTURE *Tomato, Pepper, Aubergine Potato, Strawberry, Green bean, Lettuce*	Nematodes	*Pre-transplant*	Soak or irrigate cubes or alveolar trays before transplanting in a solution of 200 ml of **NEMATECH** + 200 ml of **ACTIVE ON NEM** in 100 litres of water for a few minutes (do not soak the leaves with the product). Let the excess solution "drain" and transplant. If necessary, use the residual solution for fertigation after filtering.
	Nematodes	*During the growing cycle*	Carry out the fertigation treatment, in correspondence of a further growth of roots, with a solution of 200 ml of **NEMATECH** + 500 ml of **ACTIVE ON NEM** in 1000 square metres (2l of **NEMATECH** + 5l of **ACTIVE ON NEM** per hectare). Repeat the intervention several times during the crop cycle according to requirements. **In the following interventions, it is possible to reduce the dosages per hectare taking into account the stress state of the plant.**
FLORAL AND ORNAMENTAL, ROOTSTOCK, ARBOREAL: *Peach, Cherry, Plum, Apricot, Apple, Pear, Khaki, Kiwi, Citrus, Vine, Olive*	Nematodes	*On planting*	Dip for a few minutes in a solution of 200 ml of **NEMATECH** + 200 ml of **ACTIVE ON NEM** in 100 litres of water.
	Nematodes	*At the vegetative restart*	Repeat the treatment by irrigation at the vegetative resumption, in correspondence of the roots growth with a solution of 200 ml of **NEMATECH** + 500 ml of **ACTIVE ON NEM** in 1000 square meters (2l of **NEMATECH** + 5l of **ACTIVE ON NEM** per hectare). This last treatment can be repeated several times during the crop cycle depending on requirements. **In subsequent treatments, the dosages per hectare can be reduced, bearing in mind the state of stress of the plant.**

PRE-ACTIVATION

The product contains vital spores of *Pochonia sp.*
We suggest to pre- activate the product 6-12 huors before use.

ORGANIC FARMING ORGANIC

ZERO RESIDUE

MICRO® ACTIVE COMPLEX NATURAL NUTRITION NATURAL RESISTANCE

PACKAGING:

BOTRIMAX
+ ON MAX
Bacillus spp.

Foliar Use

Root Use

CHARACTERISTICS
BOTRIMAX is a liquid formulation specially developed to allow the rebalancing of the bacterial microflora, especially in the presence of fruits. Distributed on the vegetation, it naturally stimulates the production of biostimulant and active defence substances in anticipation of biotic stress due to the presence of harmful microorganisms (*Botrytis, Powdery mildew, Monilia and Bacteriosis*). **Botrimax** can also be used effectively to repopulate and regenerate soil microflora, while improving the chemical and physical characteristics of the soil.

Composition (% W/P)
Product with specific action - biostimulant

Type of organic soil conditioner: simple non-composted plant soil conditioner	
Content in mycorrhizae (*Glomus spp.*)	30%
Rhizosphere bacteria content	3 x 10^8 UFC/g

Raw materials: inoculation of mycorrhizal fungi.
The product is stable at ordinary temperatures and pressures. Store at a temperature between 10°C and 35°C. The product does not contain genetically modified organisms and pathogenic organisms (salmonella, faecal coliforms, aerobic mesophiles and nematode eggs).
pH: 4,00

Crop	Stress caused by	Application	Dose and method of use
ARBOREAL: *Peach, Cherry, Plum, Apricot, Apple, Pear, Khaki, Kiwi, Citrus, Vine, Olive*	-MONILIA SP. -FIRE BLIGHT -SCAB APPLE AND PEAR TREE -ALTERNARIA SP. -OIDIUM -BOTRITIS -XANTHOMONAS ARBORICOLA -ENVIRONMENTAL STRESS OR INCORRECT USE OF PLANT PROTECTION PRODUCTS	Foliar applications	**LEAF:** Spray in stress conditions or when conditions are favourable for potential stress, with a solution of 2l of **BOTRIMAX** + 2l of **ON MAX** + 1-3 kg of **SYLIT** per hectare. Repeat the treatment after 7-10 days and several times during the crop cycle depending on the needs and the time, gravity and persistence of the conditions predisposing the plant to stress. **In subsequent treatments, the dosages per hectare can be reduced, bearing in mind the state of stress of the plant.** For a better persistence of the product, it is advisable to use 50-100ml of a soaking-bonding agent per 100l of water. Use the product during the coolest hours of the day.
HORTICULTURE: *Tomato,Pepper, Aubergine, Potato, Strawberry, French Bean, Broccoli, Cauliflower, Lettuce*	-HORTICULTURAL BACTERIAL DISEASES -SCLEROTINIA -OIDIUM -BOTRITIS CINEREA -ALTERNARITIS -RHIZOCTONIA -FUSARIUM -ENVIRONMENTAL STRESS OR INCORRECT USE OF PLANT PROTECTION PRODUCTS	Foliar/root applications	**LEAF:** Spray in stress conditions or when conditions are favourable for potential stress, with a solution of 2l of **BOTRIMAX** + 2l of **ON MAX** + 1-3 kg of **SYLIT** per hectare. Repeat the treatment after 7-10 days and several times during the crop cycle depending on the needs and the time, severity and persistence of the conditions that predispose the plant to stress and attacks. **In subsequent treatments, the dosages per hectare can be reduced, bearing in mind the state of stress of the plant.** For a better persistence of the product, it is advisable to use 50-100ml of a soaking - bonding agent per 100l of water. Use the product in the cooler hours of the day. **IN FERTIRERIGATION:** in stressful conditions apply at the first post-transplant irrigation a solution of 2l of **BOTRIMAX** + 2l of **ON MAX** per hectare. Repeat several times during the crop cycle according to requirements. In subsequent applications, the dosages per hectare can be reduced, bearing in mind the state of stress of the plant.
FLORAL AND ORNAMENTAL	-IMPLANT/TRANSPLANT STRESS	Root applications on planting	At the first post-transplant irrigation, treat with a solution of 200 ml of **BOTRIMAX** + 200 ml of **ON MAX** per 1000 square metres (2l of **BOTRIMAX** + 2l of **ON MAX** per hectare). Repeat several times during the crop cycle according to requirements.
ROOTSTOCK AND TREES	-IMPLANT/TRANSPLANT STRESS	Root applications on planting	At the first post-transplant irrigation, treat with a solution of 200 ml of **BOTRIMAX** + 200 ml of **ON MAX** per 1000 square metres (2l of **BOTRIMAX** + 2l of **ON MAX** per hectare). Repeat several times during the crop cycle according to requirements.

PRE-ACTIVATION
The product contains vital spores of *Bacillus sp.*
We suggest to pre- activate the product 6-12 huors before use.

1. Mix in at least 10 liter of water

2. Mix it

3. Activation

6-12 hr

4. Activated and ready to use

BIOTYL
+ ON MAX

Bacillus spp.

Foliar Use

ORGANIC FARMING ORGANIC

ZERO RESIDUE

MICRO® ACTIVE COMPLEX – NATURAL NUTRITION – NATURAL RESISTANCE

PACKAGING: 0,25L 1L 5L

CHARACTERISTICS

BIOTYL is a biostimulant product based on viable spores of selected PGPR, specially designed to stimulate photosynthetic efficiency and induce greater resistance in anticipation of biotic and abiotic stresses. Distributed on the vegetation, it naturally stimulates the production of useful substances to prevent the development of harmful organisms such as: *Botrytis, Powdery mildew, Monilia*. **Biotyl** is also useful in restoring soil microflora, while improving the chemical and physical characteristics of the soil.

Composition (% W/P)

Product with specific action - biostimulant

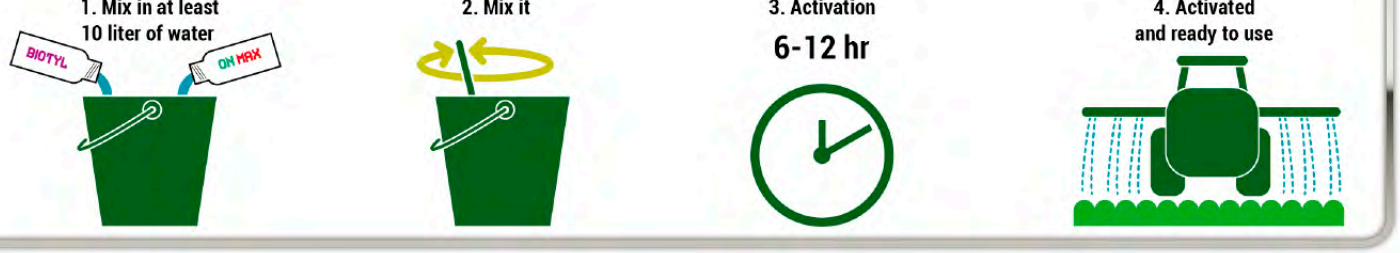
Type of organic soil conditioner: simple non-composted plant soil conditioner	
Content in mycorrhiza (*Glomus spp.*)	30%
Rhizosphere bacteria content	2 x 10^8 UFC/g

Raw materials: inoculation of mycorrhizal fungi.
The product is stable at ordinary temperatures and pressures.
Store at a temperature between 10°C and 35°C. The product does not contain genetically modified and pathogenic organisms (salmonella, faecal coliforms, aerobic mesophiles and nematode eggs). **pH:** 4,00

Crop	Stress causati da	Application	Dose and method of use
ARBOREAL: *Peach, Cherry, Plum, Apricot, Apple, Pear, Khaki, Kiwi, Citrus, Vine, Olive*	-MONILIA SP. -FIRE BLIGHT -SCAB APPLE AND PEAR TREE -ALTERNARIA SP. -BOTRITE -XANTHOMONAS ARBORICOLA -ENVIRONMENTAL STRESS OR INCORRECT USE OF PESTICIDES	Foliar applications	**FOLIAR:** Spray in stress conditions or when conditions are favourable for potential stress, with a solution of 2l of **BIOTYL** + 2l of **ON MAX** + 1-3 kg of **SYLIT** per hectare. Repeat the treatment after 7-10 days and several times during the crop cycle depending on needs and the period, severity and persistence of the conditions that predispose the plant to stress. **In subsequent treatments, the dosages per hectare can be reduced, bearing in mind the state of stress of the plant.** For a better persistence of the product, it is advisable to use 50-100ml of a wetting - adhesion agent per 100l of water. Use the product in the cooler hours of the day.
HORTICULTURE: *Tomato, Pepper, Aubergine Potato, Strawberry, Green bean, Lettuce*	-SCLEROTINIA -BOTRITIS CINEREA -ALTERNARIES -HORTICULTURAL BETTERIOSIS -ENVIRONMENTAL STRESS OR INCORRECT USE OF PESTICIDES	Foliar applications	**FOLIAR:** Spray in stress conditions or when conditions are favourable for potential stress, with a solution of 2l of **BIOTYL** + 2l of **ON MAX** + 1-3 kg of **SYLIT** per hectare. Repeat the treatment after 7-10 days and several times during the crop cycle depending on the needs and the period, severity and persistence of the conditions that predispose the plant to stress and attacks. **In subsequent treatments, the dosages per hectare can be reduced, bearing in mind the state of stress of the plant.** For a better persistence of the product, it is advisable to use 50-100ml of a wetting - adhesion agent per 100l of water. Use the product in the cooler hours of the day.
FLORAL AND ORNAMENTAL	-BOTRITIS CINEREA -ALTERARIOS -ENVIRONMENTAL STRESS OR INCORRECT USE OF PESTICIDES	Foliar applications	**FOLIAR:** Spray in stress conditions or when conditions are favourable for potential stress, with a solution of 2l of **BIOTYL** + 2l of **ON MAX** + 1-3 kg of **SYLIT** per hectare. Repeat the treatment after 7-10 days and several times during the crop cycle depending on the needs and the period, severity and persistence of the conditions that predispose the plant to stress. **In subsequent treatments, the dosages per hectare can be reduced, bearing in mind the state of stress of the plant**. For a better persistence of the product, it is advisable to use 50-100ml of a wetting - adhesion agent per 100l of water. Use the product in the cooler hours of the day.
GRASS CARPETS	-SCLEROTINIA -ENVIRONMENTAL STRESS OR INCORRECT USE OF PESTICIDES	Foliar applications	Irrigate with a solution of 200 ml of **BIOTYL** + 200 ml of **ON MAX** per 1000 square metres (2l of **BIOTYL** + 2l of **ON MAX** per hectare). Repeat the treatment after 7-10 days and several times during the crop cycle depending on the needs and the period, severity and persistence of the conditions that predispose the plant to stress. **In subsequent treatments, the dosages per hectare can be reduced, bearing in mind the state of stress of the plant.** For a better persistence of the product, it is advisable to use 50-100ml of a wetting - adhesion agent per 100l of water. Use the product in the cooler hours of the day.

PRE-ACTIVATION

The product contains vital spores of *Bacillus sp.*
We suggest to pre- activate the product 6-12 huors before use.



ORGANIC FARMING ORGANIC

ZERO RESIDUE

NATURAL NUTRITION MICRO® ACTIVE COMPLEX NATURAL RESISTANCE

PACKAGING:

PROTENDO

+ ON PRO

Beauveria spp.

Foliar Use

Root Use

CHARACTERISTICS

PROTENDO is an innovative liquid formulation that effectively helps the plant to face and overcome stresses, both of the leaf and root system, created by the presence of phytophagous insects (*Mites, Thrips, Elateridae, Diptera etc.*). Moreover, the presence of selected PGPR, in synergy with the fungus *Bauveria bassiana*, creates a natural biostimulation and an accentuated growth of the plant with favourable effects on the production quality and quantity.

Composition (% W/P)

Product with specific action - biostimulant

Type of organic soil conditioner: simple non-composted plant soil conditioner	
Content in mycorrhizae (*Glomus spp.*)	30%
Rhizosphere bacteria content	1 x 10^3 UFC/g
Content in fungal spores of *Beauveria sp.* in concentration	> 10^8 UFC/g

Raw materials: inoculation of mycorrhizal fungi.
The product is stable at ordinary temperatures and pressures. Store at a temperature between 10°C and 35°C. The product does not contain genetically modified organisms and pathogenic organisms (salmonella, faecal coliforms, aerobic mesophiles and nematode eggs).
pH: 6,00

Crop	Stress caused by	Application	Dose and method of use
ARBOREAL: *Peach, Cherry, Plum, Apricot, Apple, Pear, Khaki, Kiwi, Citrus, Vine, Olive*	-Thrips -Fruit flies -Cherry fly -Pear Tree Psylla -Apple tree spider moth -Mites and thrips -Olive fly	Foliar applications	Spray in stress conditions or when conditions are favourable for potential stress, with a solution of 2l of **PROTENDO** + 2l of **ON PRO** + 1-3 kg of **SYLIT** per hectare. Repeat the treatment after 7-10 days and several times during the crop cycle depending on the needs and the time, severity and persistence of the conditions that predispose the plant to stress. For better persistence of the product, it is advisable to use 50-100ml of a wetting - adhesion agent per 100l of water. **In subsequent applications, the dosages per hectare can be reduced, bearing in mind the state of stress of the plant.** Use the product during the coolest hours of the day.
HORTICULTURE: *Tomato, Pepper, Eggplant Potato, Strawberry Green bean, Lettuce*	-Aleurodidae -Thrips -Mites -Aphids -Elateridae	Foliar/root applications	**FOLIAR:** Spray in stress conditions or when conditions are favourable for potential stress, with a solution of 2l of **PROTENDO** + 2l of **ON PRO** + 1-3 kg of **SYLIT** per hectare. Repeat the treatment after 7-10 days and several times during the crop cycle depending on the needs and the period, severity and persistence of the conditions that predispose the plant to stress and attacks. For a better persistence of the product it is advisable to use 50-100ml of a wetting - adhesion agent per 100l of water. **In subsequent applications, the dosages per hectare can be reduced, bearing in mind the state of stress of the plant.** Use the product during the coolest hours of the day. **IN FERTIGATION:** In conditions of stress due to the presence of Elateridae, apply at the first irrigation after transplanting a solution of 2l of **PROTENDO** + 5l of **ON PRO** per hectare. Repeat the intervention several times during the crop cycle according to needs.
FLORAL AND ORNAMENTAL	-Mites -Aleuroids -Thrips -Aphids -Scale insects	Foliar applications	Irrigate in stress conditions or when conditions are favourable for potential stress, with a solution of 2l of **PROTENDO** + 2l of **ON PRO** + 1-3 kg of **SYLIT** per hectare. Repeat the treatment after 7-10 days and several times during the crop cycle depending on the needs and the time, severity and persistence of the conditions that predispose the plant to stress. For better persistence of the product, it is advisable to use 50-100ml of a wetting - adhesion agent per 100l of water. **In subsequent applications, the dosages per hectare can be reduced, bearing in mind the state of stress of the plant.** Use the product during the coolest hours of the day.
ROOTSTOCK AND TREES	-Elateridae	Root applications on planting	Apply at the first irrigation after transplanting with a solution of 200 ml of **PROTENDO** + 200-500 ml of **ON PRO** in 1000 square meters (2l of **PROTENDO** + 5l of **ON PRO** per hectare). Repeat several times during the crop cycle according to requirements

PRE-ACTIVATION

The product contains vital spores of *Beauveria bassiana*.
We suggest to pre- activate the product 6-12 huors before use.

TUTAN-K FORTE is an innovative liquid formulation that effectively helps the plant to cope with and overcome stress in both the leaf and root system. Moreover, the presence of selected PGPRs, in synergy with growth-promoting fungi, helps the plant to cope with and overcome stress situations caused by Lepidoptera (**Tuta absoluta, nottues and moths**).
The intimate plant-microorganism relationship enhances the biostimulant properties with positive effects on quality and quantity of production.

Composition - Biostimulant

Type of organic soil conditioner: simple non-composted plant soil conditioner.	
Content in mycorrhizae (*Glomus spp.*)	30%
Rhizosphere bacteria content	1 x 10^3 UFC/g
The product contains fungal spores of *Beauveria sp.* in concentration	>10^8 UFC/g.

Raw materials: inoculation of mycorrhizal fungi.
The product is stable at ordinary temperatures and pressures. Store at a temperature between 10°C and 35°C.

INSTRUCTIONS FOR USE
Shake before use to homogenise the contents.
Mix the necessary quantity of **TUTAN-K FORTE** and **TUTAN-K FORTE ACTIVATOR** in a few litres of water and stir; wait at least 6 hours and then proceed with the application.

Doses and directions for use
Foliar application: use 2-3 litres of **TUTAN-K FORTE** +2-3 litres of **TUTAN-K FORTE ACTIVATOR** per hectare and spray the foliage adequately.
Repeat the application at least 4 times, 7 days apart and continue the treatment as needed.

The product does not contain genetically modified organisms and pathogenic organisms (salmonella, faecal coliforms, aerobic mesophiles and nematode eggs). **pH:** 6,00

ORGANIC FARMING ORGANIC · ZERO RESIDUE · NATURAL NUTRITION MICRO® ACTIVE COMPLEX NATURAL RESISTANCE · Foliar Use

PACKAGING
0,25L - 1L

TUTAN-K FORTE + ATTIVATORE TUTAN-K

CINIPID is an innovative liquid formulation that effectively helps the plant to cope with and overcome both leaf and root stress. In addition, the presence of selected PGPRs, in synergy with growth-promoting fungi, helps the plant to cope with and overcome stress situations caused by Hymenoptera (*cynipids and tenthreedes*).
The intimate plant-microorganism relationship enhances the biostimulant properties with positive effects on the production quality and quantity.

Composition - Biostimulant

Type of organic soil conditioner: simple non-composted plant soil conditioner.	
Content in mycorrhizae (*Glomus spp.*)	30%
Rhizosphere bacteria content	1 x 10^3 UFC/g
The product contains fungal spores of *Beauveria sp.* in concentration	>10^8 UFC/g.

Raw materials: inoculation of mycorrhizal fungi.
The product is stable at ordinary temperatures and pressures. Store at a temperature between 10°C and 35°C.

INSTRUCTIONS FOR USE
Shake before use to homogenise the contents.
Mix the necessary quantity of **CINIPID** and **CINIPID ACTIVATOR** in a few litres of water and stir; wait at least 6 hours and then proceed with the application.

Doses and directions for use
Foliar application: use 2-3 litres of **CINIPID** + 2-3 litres of **CINIPID ACTIVATOR** per hectare and spray the foliage adequately.
Repeat the application at least 4 times, 7 days apart and continue the treatment as needed.

The product does not contain genetically modified organisms and pathogenic organisms (salmonella, faecal coliforms, aerobic mesophiles and nematode eggs).
pH: 6,00

ORGANIC FARMING ORGANIC · ZERO RESIDUE · NATURAL NUTRITION MICRO® ACTIVE COMPLEX NATURAL RESISTANCE · Foliar Use

PACKAGING
0,25L - 1L

CINIPID + ATTIVATORE CINIPID

SAMURAI is an innovative liquid formulation that effectively helps the plant to cope with and overcome both foliar and root stress. Moreover, the presence of selected PGPRs, in synergy with growth-promoting fungi, helps the plant to cope with and overcome stress situations caused by heteropterans rhynchos (*Common and Asian bugs*).
The intimate plant-microorganism relationship enhances the biostimulant properties with positive effects on quality and quantity of production.

Composition - Biostimulant

Type of organic soil conditioner: simple non-composted plant soil conditioner.	
Content in mycorrhizae (*Glomus spp.*)	30%
Rhizosphere bacteria content	1 x 10^3 UFC/g
The product contains fungal spores of *Beauveria sp.* in concentration	>10^8 UFC/g.

Raw materials: inoculation of mycorrhizal fungi.
The product is stable at ordinary temperatures and pressures. Store at a temperature between 10°C and 35°C.

INSTRUCTIONS FOR USE
Shake before use to homogenise the contents.
Mix the necessary quantity of **SAMURAI** and **SAMURAI ACTIVATOR** in a few litres of water and stir. Wait at least 6 hours and then proceed with the application.

Doses and directions for use
Foliar application: use 2-3 litres of **SAMURAI** + 2-3 litres of **SAMURAI ACTIVATOR** per hectare and spray the foliage adequately.
Repeat the application at least 4 times, 7 days apart and continue the treatment as needed.

The product does not contain genetically modified organisms and pathogenic organisms (salmonella, faecal coliforms, aerobic mesophiles and nematode eggs).
pH: 6,00

ORGANIC FARMING ORGANIC · ZERO RESIDUE · NATURAL NUTRITION MICRO® ACTIVE COMPLEX NATURAL RESISTANCE · Foliar Use

PACKAGING
0,25L
1L

SAMURAI + ATTIVATORE SAMURAI

ORGANIC FARMING
ORGANIC

ZERO RESIDUE

MICRO® ACTIVE COMPLEX
NATURAL NUTRITION
NATURAL RESISTANCE

PACKAGING:

RIZOTECH PLUS

Root Use

Inoculation of mycorrhizal fungi and PGPR

CHARACTERISTICS

RIZOTECH PLUS is a product consisting of viable spores of arbuscular mycorrhizal fungi (AM) of the genus *Glomus spp.* in a microgranular formulation. Distributed in direct contact with the seed or roots, it leads to greater expansion of the root system, creating a beneficial symbiosis with the plant. **Rizotech** guarantees rapid development of the root system, improves the efficiency of the plant in absorbing water and nutrients and positively increases production quality and quantity.

Composition RIZOTECH PLUS

Specific action product

Type of organic soil conditioner: simple non-composted plant soil conditioner.	
Content in mycorrhizae (*Glomus spp.*)	10%
Rhizosphere bacteria content	1 x 10^8 UFC/g

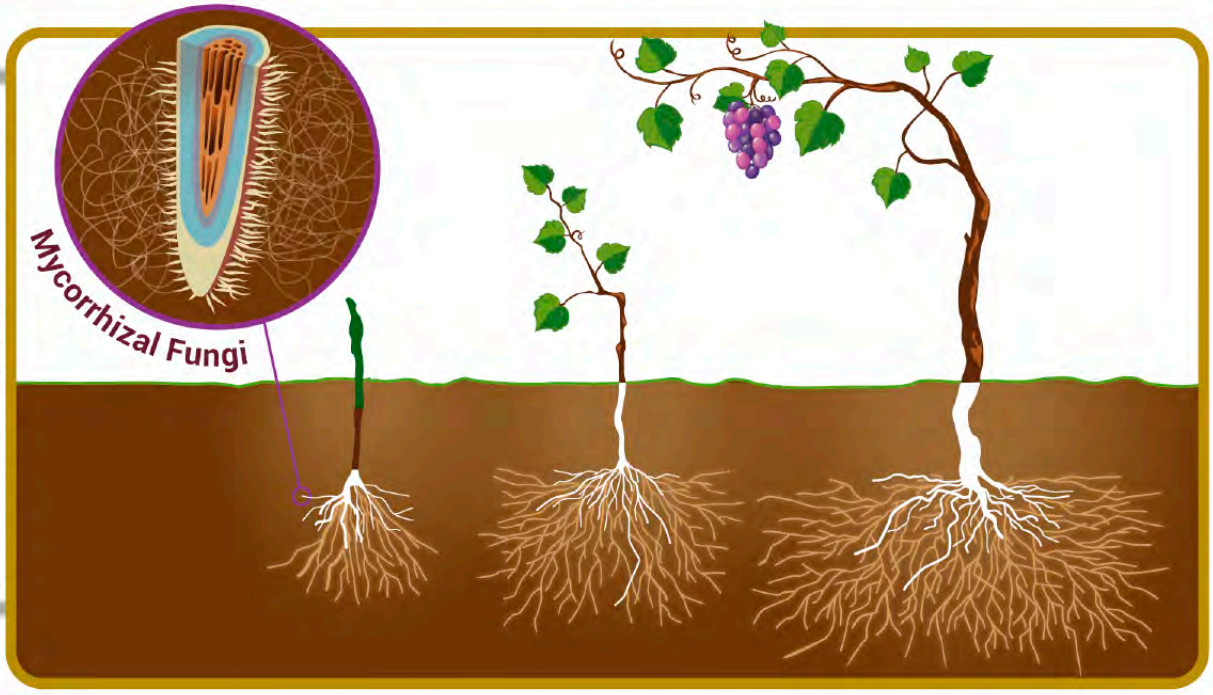
Raw materials: inoculation of mycorrhizal fungi.
The product is stable at ordinary temperatures and pressures.
Store at a temperature between 10°C and 35°C.

The product does not contain genetically modified organisms and pathogenic organisms (salmonella, faecal coliforms, aerobic mesophiles and nematode eggs).

For best efficacy it is recommended to apply the product in direct contact with the roots or seeds.

Crop	Application	Dose and method of use
ALL CROPS ON SUBSTRATE	**Preparation of substrates and soils**	Mix 10 Kg/m³ of substrate, intended as actual volume, potted, i.e. pressed substrate, before sowing or transplanting. Optimal conditions of effectiveness occur at pH values between 6.0 and 8.0.
CEREALS AUTUMN-WINTER *(durum wheat, wheat tender, barley, oats, etc.)*	**SEEDING** (using a microgranulator or directly into the hopper of the mechanical seed drill)	Apply **RIZOTECH Plus** at a rate of 7-10 kg/hectare, trying to localise the product near the seed.
INDUSTRIAL CROPS *(Corn, Sorghum, Sunflower, Soy, etc.)*	**SEEDING** (using a microgranulator or directly into the hopper of the mechanical seed drill)	Apply **RIZOTECH Plus** at a rate of 10-20 kg/hectare, trying to localise the product close to the seed.
HORTICULTURAL CROPS *(tomatoes, peppers, aubergines, artichokes, fennel, onion, salads, cucurbits)*	**Transplanting** (by microgranulator)	Apply **RIZOTECH Plus** at a rate of 10-30 kg/hectare, trying to locate the product near the seed or seedling to be transplanted.
GREENHOUSE	**Transplanting** (by microgranulator)	Apply 1.5-2 g per plant or 2-5 kg/1000 m² localised near the roots.
ROOTED CUTTINGS, TREES, ARBORAL PLANTS AND ORNAMENTAL	**Planting**	10-20 g to 50-150 g per plant depending on the size and type of plant. The product should be applied to the roots and covered with soil to protect it from direct sunlight.

The mycorrhizae establish a symbiosis with the plant, colonizing the root and strengthening the root system. The relationship ***Plant-microrganism***, contributes to the absorption of nutrients, enhancing the maximum efficiency of water and minerals.



RIZOTECH MB

Root Use

Beauveria spp.

ORGANIC FARMING ORGANIC

ZERO RESIDUE

NATURAL NUTRITION MICRO® ACTIVE COMPLEX NATURAL RESISTANCE

PACKAGING

1KG 10KG

CHARACTERISTICS

RIZOTECH MB is a product consisting of viable spores of arbuscular mycorrhizal fungi (AM) of the genus *Glomus spp.* in a microgranular formulation.
Distributed in direct contact with the seed or roots, it leads to greater expansion of the root system, creating a beneficial symbiosis with the plant.
Rizotech guarantees rapid development of the root system, improves the plant's efficiency in absorbing water and nutrients and positively increases production quality and quantity.

Composition RIZOTECH MB

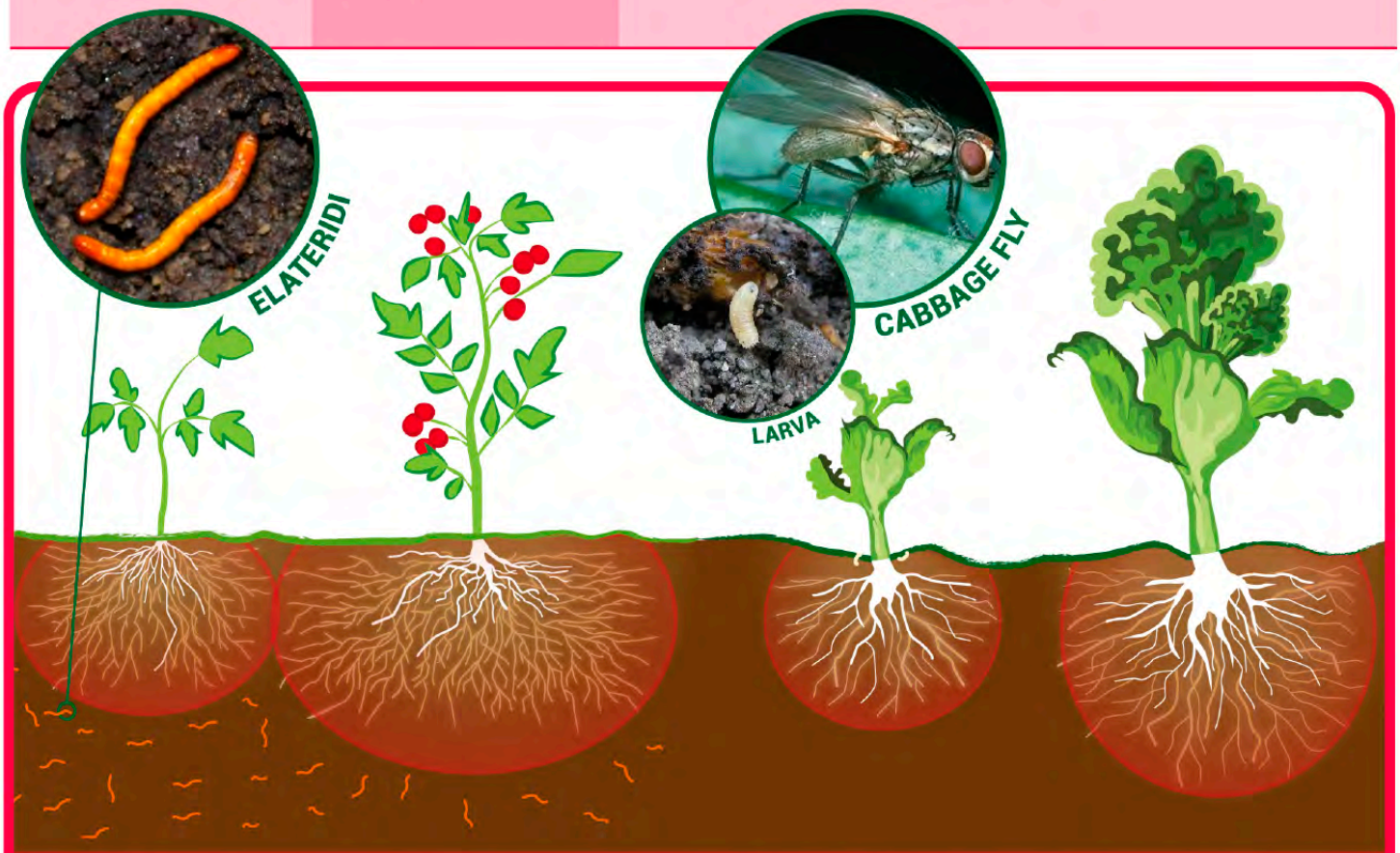
Specific action product

Type of organic soil conditioner: simple non-composted plant soil conditioner.	
Content in mycorrhizae (*Glomus spp.*)	10%
Rhizosphere bacteria content	1 x 10^8 UFC/g
Content in *Beauveria sp.*	5 x 10^7 UFC/g

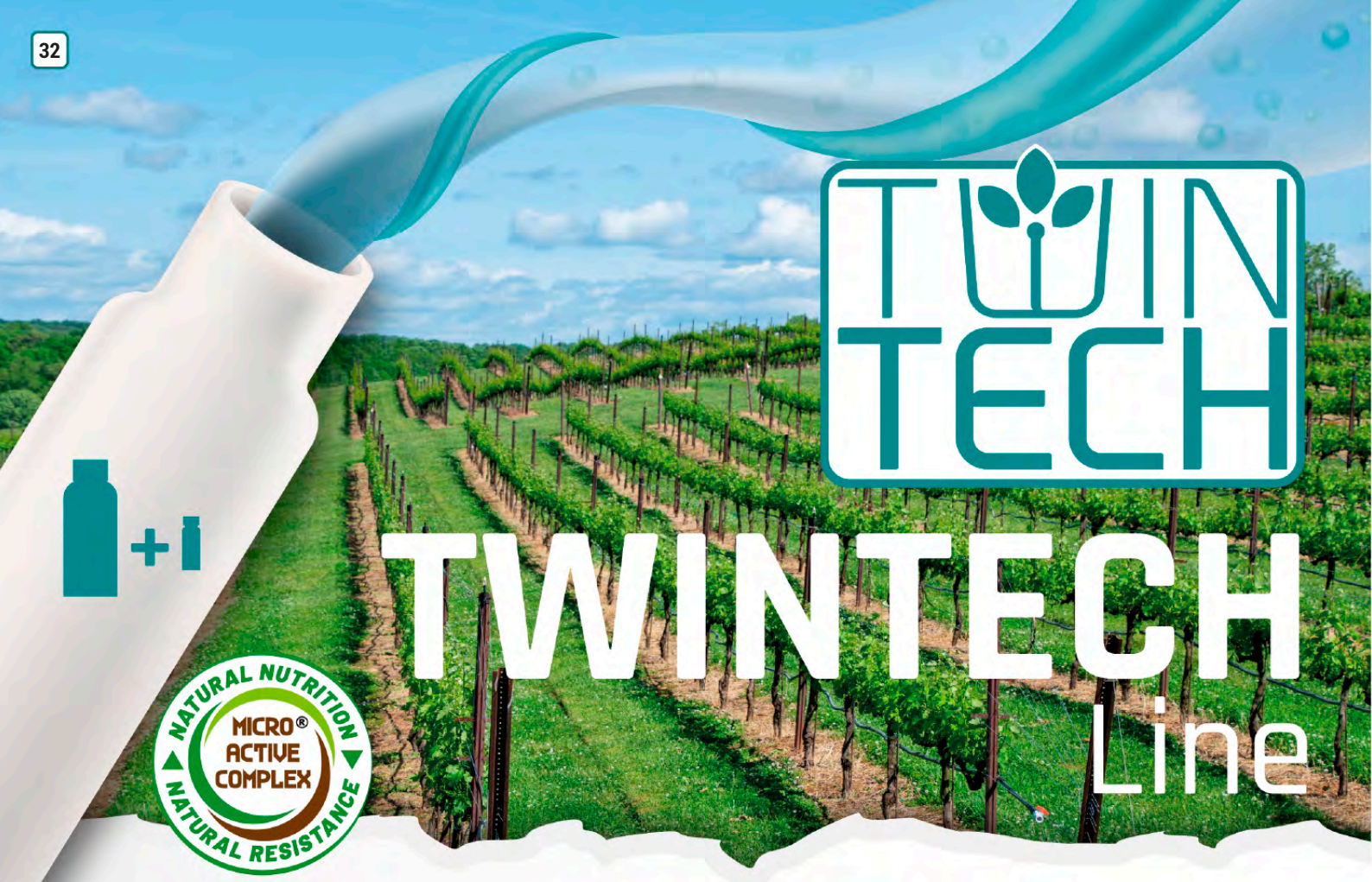
Raw materials: inoculation of mycorrhizal fungi.
The product is stable at ordinary temperatures and pressures.
Store at a temperature between 10°C and 35°C.
The product does not contain genetically modified organisms and pathogenic organisms (salmonella, faecal coliforms, aerobic mesophiles and nematode eggs).

For best efficacy it is recommended to apply the product in direct contact with the roots or seeds and to store the packages in a dry place away from direct sunlight.

Crops	Application	Dose and method of use
VEGETABLE CROPS: *(tomatoes, peppers, aubergines, artichokes, fennel, onions, salads, cucurbits)*	**Transplanting** (by microgranulator)	Apply **RIZOTECH MB** at a dose of 15-20 kg/ha localised along the row to the seed
GREENHOUSE	**Transplanting** (by microgranulator)	Apply **RIZOTECH MB** at a dose of 2-3 kg per 1000 m²



HELPS THE PLANT TO FACE AND OVERCOME STRESS CAUSED BY SOIL INSECTS



TWINTECH Line

NATURAL NUTRITION
MICRO® ACTIVE COMPLEX
NATURAL RESISTANCE

INOCULUM
Microbial Activator

Contains spores of *Beauveria bassiana* — INOCULO PRO

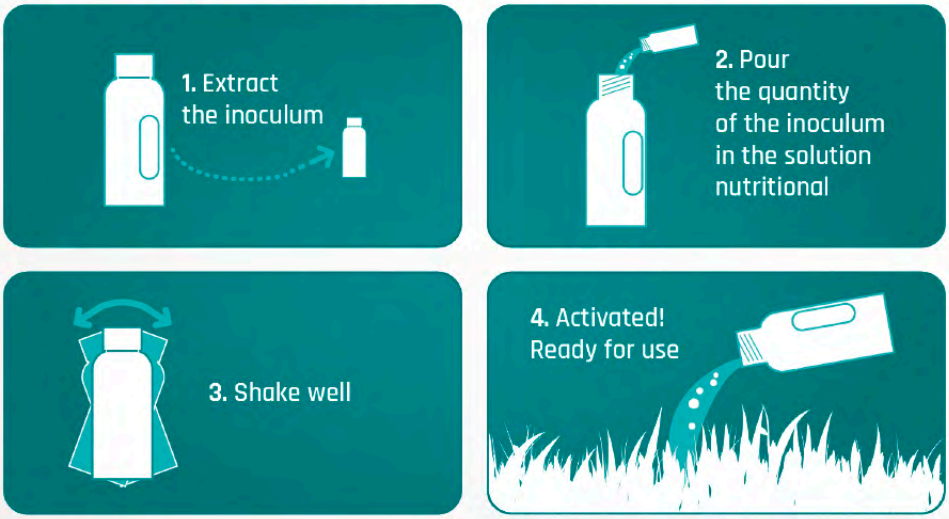
INOCULO MAX — Contains spores of *Bacillus spp.*

Contains spores of *Trichoderma spp.* — INOCULO TRI

INOCULO NEM — Contains spores of *Pochonia clamidosporia*

The Twintech line combines nutritional action with beneficial natural micro-organisms that assist the plant in overcoming biotic and abiotic stresses.

HOW TO USE THE PRODUCTS OF THE **TWINTECH** LINE



IRON

TWINTECH IRON is a liquid formulation based on enriched chelated iron associated, after appropriate mixing, to microbiological preparations. The product is enhanced by an inoculum based on *Trichoderma sp.* This microorganism, thanks to the production of siderophores, makes the transport of iron more efficient. Due to the ability of the fungus to colonise the growing medium at a very early stage and to produce biologically active substances, it hinders the development of potential harmful micro-organisms such as harmful microorganisms such as: (*Armillarea, Pythium, Sclerotinia, Rhizoctonia, Fusarium and Verticillium*), while stimulating the plants' natural defences.

Composition (% W/P)
EC fertilizer
Chemical composition of the nutrient base

Iron (Fe) soluble in water	5%
Iron (Fe) chelated with [o,o] EDDHA	2%

To be used only in case of recognized need.
Do not exceed the appropriate doses.
Chelating agent: [o,o] EDDHA
pH range ensuring good stability of the chelated fraction 4 – 10.

Inoculum Tri
Specific action product
Inoculum of mycorrhizal fungi

Content in mycorrhizae (*Glomus spp.*)	0,00001%
Rhizosphere bacteria content	1 x 10^3 UFC/g
Trichoderma content	1 x 10^8 UFC/g
The product also contains spores of *Trichoderma sp.* in concentrations > 10^8 CFU/g.	

DOSES AND METHOD OF USE
Pear, apple 5 - 10 l/ha Post-harvest and spring (localised and fertigation); **Peach, plum, cherry, apricot** 5 - 10 l/ha Spring applications (spot and fertigation); **Actinidia** 5 - 10 l/ha Apply from budding until September in fertigation in several applications; **Wine grapes, table grapes** 5 - 10 l/ha Post-harvest and spring applications (fertigation); **Citrus** 5 - 10 l/ha Make preventive treatments (localised and fertigation); **Vegetables** (strawberries, small fruits, etc.) 0.5 - 1 l/1000 sqm (100 ml/hl). Prevention Post-transplantation when rooting is complete, at the start of the new crop after the winter but before flowering. In case of chlorosis. (fertigation) **Ornamental trees** (conifers, deciduous trees, etc.) 3 - 5 l/1000 sqm; Spring applications as soon as temperatures allow root development. **For all crops** 200 - 300 ml/hl Foliar applications during the whole production cycle. **pH:** RANGE 2-3

PACKAGING
1L
5L

ORGANIC FARMING ORGANIC
ZERO RESIDUE
MICRO® ACTIVE COMPLEX NATURAL NUTRITION NATURAL RESISTANCE
Foliar Use
Root Use

HU-GROW

TWINTECH Hu-Grow is a liquid formulation based on humic extracts from Leonardite associated with an inoculum based on *Trichoderma spp.* Humic extracts from Leonardite stimulate the active transport of nutrients, increase the number and biological activity of soil and inoculum microorganisms, promote root proliferation and improve plant resistance to stress due to soil salinity. The product is enhanced by an inoculum based on *Trichoderma spp.*, which, drawing nourishment from the combination with humic extracts, are stimulated in their activity and create biologically active colonies around the roots. Due to the ability of the fungus to colonise the sub-layer of cultivation very early, it hinders the development of potential harmful micro-organisms such as: (*Armillarea, Pythium, Sclerotinia, Rhizoctonia, Fusarium and Verticillium*), while stimulating the plants' natural defences.

DOSES AND METHOD OF USE
Greenhouse fruit and leaf vegetables 5 - 10 l/ha from the early to mid-stage of the crop cycle. **Field vegetables (lettuce, fennel, processing tomato, potato, courgette, melon, etc.)** 5 - 10 l/ha from transplanting to intermediate stage. **Fruit and vine** 5 - 10 l/ha from spring restart to end of fruit set. **Floriculture in pots (poinsettia, primula, gardenia, hydrangea, azalea, annuals, etc.)** 1.5 - 2 l/1000 m^2 During vegetative development and plant building phases. **Fruit and ornamental nurseries (conifers, deciduous trees, etc.)** 10 - 15 l/ha 4-5 applications from the early stages.

Composition (% W/P)
Chemical composition of the nutrient base
Humic extracts from Leonardite

Specific action product	14%
Total organic matter on dry matter	70%
Humified organic matter as a percentage of organic matter	80%
Organic nitrogen (N) in dry matter	0,7%
C/N ratio	50

Inoculum Tri
Specific action product
Inoculum of mycorrhizal fungi

Content in mycorrhizae (*Glomus spp.*)	0,00001%
Rhizosphere bacteria content	1 x 10^3 UFC/g
Trichoderma content	1 x 10^8 UFC/g
The product also contains spores *Trichoderma sp.* in a concentration > 10^8 CFU/g.	

pH: RANGE 11-12

PACKAGING
1L
5L

ZERO RESIDUE
MICRO® ACTIVE COMPLEX NATURAL NUTRITION NATURAL RESISTANCE
Foliar Use
Root Use

RHIZON

TWINTECH RHIZON is a special association between an inoculum of useful natural microorganisms and a fluid organic nitrogenous fertilizer of exclusively natural origin.

The microbial inoculum, consisting of viable conidia of *Trichoderma spp.*, is characterised by its strong root-promoting properties. Due to the ability of the fungus to colonise the growing medium very early and to produce biologically active substances, it hinders the development of potential harmful microorganisms such as: (*Armillarea, Pythium, Sclerotinia, Rhizoctonia, Fusarium and Verticillium*), while stimulating the plants' natural defences.

The special preparation consists of extracts of natural origin supplemented by a yeast extract and an extract of the algae Ascophyllum nodosum. Thanks to the excellent supply of protein nitrogen and organic carbon, **TWINTECH RHIZON** reduces the period of enfranchisement of young plants, which will develop rapidly from the first stages of the growing cycle, thus limiting post-transplant/implant stress.

pH: RANGE 3-4

Composition (% W/P)
Azotised Organic Fertiliser
Chemical composition of the nutritional base.

Organic nitrogen (N)	1%
Organic Carbon (C) of biological origin	10%
pH	3
Organic matter with nominal molecular weight <50 kDa	30%

Inoculum Tri
Specific action product
Inoculum of mycorrhizal fungi

Content in mycorrhizae (*Glomus spp.*)	0,00001%
Rhizosphere bacteria content	1 x 10^3 UFC/g
Trichoderma content	1 x 10^8 UFC/g
The product also contains spores of *Trichoderma sp.* in concentrations > 10^8 UFC/g.	

DOSES AND METHOD OF USE
Apply 500 – 1500 ml/1000 m^2 by **fertigation** during the growing cycle. It is recommended in the early stages of crop development such as post-transplantation, post-planting or at vegetative restart.

PACKAGING
1L
5L

ORGANIC FARMING ORGANIC
ZERO RESIDUE
MICRO® ACTIVE COMPLEX NATURAL NUTRITION NATURAL RESISTANCE
Root Use

PRE AND PROBIOTICS FOR SOIL HEALTH RESTORATION

NATURAL NUTRITION
MICRO® ACTIVE COMPLEX
NATURAL RESISTANCE

Linea Rigenera

The ***Rigenera line*** consists of special nutritional formulations specially developed to restore the foliar and root microflora of particularly exploited soils.

FUNGY STAR

Root Use

MICORRIZIC INOCULUM FUNGI

CHARACTERISTICS

FUNGY STAR is a highly concentrated microbial inoculum based on humified organic matter, rhizosphere bacteria and mycorrhizal fungi. organic matter, rhizosphere bacteria and mycorrhizal fungi.The inoculum, with its strong probiotic properties, induces the natural production of biostimulant and active defence substances in anticipation of biotic stresses due to the presence of harmful microorganisms. **FUNGY STAR**'s special prebiotic characteristics also make it capable of repopulating depleted soil and restoring the natural microbiological balance.

ORGANIC FARMING ORGANIC

NATURAL NUTRITION MICRO® ACTIVE COMPLEX NATURAL RESISTANCE

PACKAGING:

10 Kg

25 Kg

Composition FUNGY STAR (% W/P)

SPECIFIC ACTION PRODUCT

Type of organic soil conditioner: simple non-composted plant soil conditioner	
Content in mycorrhizae *(Glomus spp.)*	**0,00001%**
Rhizosphere bacteria content	**1 x 10^7 UFC/g**
Humic and fulvic acids	7-8%
Organic carbon	26%
Total nitrogen	1%
C/N ratio	26

Important: the items highlighted in bold are those indicated on the packaging in accordance with Legislative Decree 75/2010.
Raw materials: organic soil conditioner, mycorrhizal fungi, rhizosphere bacteria.
Store the package tightly closed at a temperature between 10 and 25 °C, away from light and sources of light and heat sources.
Do not freeze. Product for agricultural use only.

DOSES AND METHOD OF USE

CROP	DOSE	TIME OF USE AND ADVICE
Green autumn cereals	300-500 kg/ha	At soil preparation
Officinal plants	300-500 kg/ha	At soil preparation
Leguminous plants	300-400 kg/ha	At soil preparation
Field vegetables	300-600 kg/ha	At soil preparation
Greenhouse crops	100 Kg/1000 m^2	At soil preparation (localised)
Stone fruit, pome fruit, olive, vine	400-600 kg/ha	Post-harvest or at the end of winter

USE THE MINIMUM DOSE IF LOCALISED IN THE ROW

Balance

Root Use

INOCULATION OF MYCORRHIZAL FUNGI

CHARACTERISTICS

BALANCE is a special association between a Microbial inoculum and a fluid nutritive base of exclusively natural origin. This particular formulation has been studied for cases of soil fatigue (over-exploited soils), for restoring natural biological fertility and for rebalancing the nutritional status of agricultural soils.
The microbial inoculum, consisting of a bacterial pool based on *Bacillus spp.*, induces the natural production of biostimulant and active defence substances in anticipation of biotic stress due to the presence of harmful microorganisms.
In addition, the inoculum is capable of repopulating depleted soil and restoring the natural microbiological balance (due to the rapid development of microorganisms and occupation of available space), thus contributing to the correct and balanced development of the crop.

Composition Balance (% W/P)

SPECIFIC ACTION PRODUCT

Type of organic soil conditioner: simple non-composted plant soil conditioner	
Content in mycorrhizae (*Glomus spp.*)	0,00001%
Rhizosphere bacteria content	1 x 10^7 UFC/g

Raw materials: organic soil conditioner, mycorrhizal fungi, rhizosphere bacteria. Store tightly closed at a temperature between 10 and 25 °C, away from light and heat sources. Do not freeze. Product for agricultural use only.

PACKAGING:

Prevalence of micro-organisms

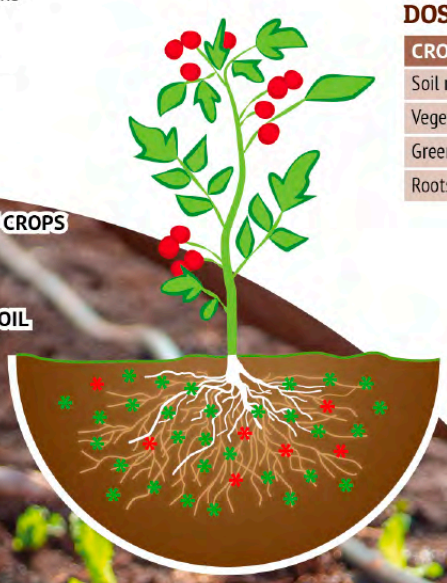
BENEFICIAL * :

LESS DISEASES

LONGER FRUIT SHELF LIFE

The presence of beneficial micro-organisms favours:

- HEALTHY AND GROWTH OF CROPS
- HIGHER PRODUCTION
- BETTER CHEMICAL CHEMICAL AND PHYSICAL CHARACTERISTICS OF THE SOIL



DOSES AND METHOD OF USE

CROP	DOSE	TIME OF USE AND ADVICE
Soil restoration	2-5 lt 1.000 m^2	Apply by fertigation before and during transplanting
Vegetables and ornamentals	10-15L/ha	Apply several times during the growing cycle
Greenhouse crops	0,5-1 L/1000 m^2	Apply several times during the growing cycle
Rootstock and seedling	10-15 L/ha	Apply several times during the growing cycle

WARNINGS

Do not freeze. If the product is kept well sealed and protected, in a dry place, away from heat sources and direct sunlight, it will keep for at least two years. It does not need to be stored in a refrigerator. The optimal storage temperature is 10÷25 °C. The unaltered product is not toxic. However, due to its high concentration, it is best to avoid contact with the eyes and mouth. Do not ingest. Keep out of the reach of children.
pH: RANGE 3-4

VERATECH line

BEE SAFE

NATURAL NUTRITION
MICRO® ACTIVE COMPLEX
NATURAL RESISTANCE

VERATECH is the first line of products for crop nutrition and biostimulation characterised by the exclusive **MICRO ACTIVE COMPLEX** formulation in association with amino acids of exclusively vegetable origin.

VERATECH guarantees extraordinary beneficial effects, thanks to its reimbibing properties it facilitates the absorption and relocation of nutrients through the cuticle. In addition to stimulating protein synthesis, it has specific actions on crop physiology.

POWER

EC fertiliser
Low chlorine NPK 10-5-5 fertiliser solution

PACKAGING
1L
5L

Foliar Use

CHARACTERISTICS

VERATECH Power is an extremely versatile formulation thanks to its balanced supply of nitrogen, phosphorus, potassium and microelements.
Thanks to its specificity, **VERATECH** is particularly suitable in the event of both water and thermal plant stress; it also has a stimulating and rebalancing action on the vegetation. It can be used from the earliest stages of plant development and can be used throughout the entire cultivation cycle of the various crops. It is also particularly suitable for foliar fertilisation of winter and spring cereals both with weed killers and pesticide treatments: it promotes nitrogen uptake, flag leaf vitality (wheat) and stay green (maize).
In addition, the exclusive **MICRO ACTIVE COMPLEX** formulation enhances the probiotic effects of microorganisms useful for soil and plant health.

Composition

Total nitrogen (N)	10%
of which urea nitrogen (N)	10%
Phosphorus pentoxide (P_2O_5) soluble in water	5%
Potassium oxide (K_2O) soluble in water	5%

Compatible with normal agricultural products. Store between 3°C and 30°C.
Do not apply with mineral oils or in combination with alkaline reacting products.
VERATECH promotes photosynthesis, stimulates fruit growth and enlargement, prevents water and heat stress.

pH: RANGE 8-9

CROPS	APPLICATION	DOSE and DIRECTION OF USE
Horticultural (tomato, pepper, aubergine, courgette, melon, etc.)	**FOLIAR**	250 - 350 ml/hl from the early stages to full growth
Fruit (apple, pear, vine, olive, Actinidia, etc.)	**FOLIAR**	250 - 350 ml/hl from the beginning to the end of fruit growth
Arable crops (winter cereals, maize, beet, etc.)	**FOLIAR**	coverage 3 - 5 L/hectare during post-emergence weeding and fungicide and insecticide treatments
Ornamentals (trees, shrubs)	**FOLIAR**	200 - 300 ml/hl throughout the cycle
In greenhouses	**FOLIAR**	150-200 ml/hl

GREEN STAR

EC fertiliser
Mixture of trace elements Iron (FE)(DTPA), Manganese (Mn) (Sulphate) Plant amino acid complex

PACKAGING
1L
5L

Foliar Use

CHARACTERISTICS

VERATECH Green Star is ideal for treating and preventing chlorotic conditions (iron and manganese deficiencies) of all sensitive crops. Thanks to **VERATECH**'s specificity, these micro-nutrients are easily absorbed and transported into the plant tissues.
In addition, the use of the iron chelating agent DTPA makes the formulation particularly suitable for foliar nutrition, as it is more resistant to degradation by sunlight. To be used in all phases of the crop cycle, both as a preventive and curative measure.
The special formulation of **VERATECH GREEN STAR**, thanks to the substances it contains, is compatible with the leaf surface tissues favouring its use in all crop stages. In addition, the exclusive **MICRO ACTIVE COMPLEX** formulation enhances the probiotic effects of microorganisms useful for soil and plant health.

Composition

Water-soluble iron (Fe)	5%
Iron (Fe) chelated with DTPA	5%
Manganese (Mn) soluble in water	1%
pH range ensuring good stability of the chelated fraction	3-8

To be used only in cases of recognised need.
Compatible with normal agricultural products.
Store between 3°C and 30°C.
Do not apply with mineral oils or in mixture with alkaline reacting products.

pH: RANGE 6-7

CROPS	APPLICATION	DOSE and DIRECTION OF USE
Horticulture (tomato, pepper, aubergine, courgette, melon, etc.)	**FOLIAR**	200 - 300 ml/hl throughout the production cycle
Fruits (apple, pear, vine, olive, actinidia, etc.)	**FOLIAR**	250 - 300 ml/hl from shooting to end of fruit swelling
Ornamentals (trees, shrubs)	**FOLIAR**	250 - 300 ml/hl throughout the cycle
In greenhouses	**FOLIAR**	100-150 ml/hl

Phyllon

The **Phyllon line** is characterised by formulations with a strong stimulating power on the vegetation that favour a harmonious development of both the hypogeal and epigeal parts.

The exclusive **MICRO ACTIVE COMPLEX** formulation, moreover, enhances the probiotic effects of microorganisms, useful forsoil and plant health.

NATURAL NUTRITION
MICRO® ACTIVE COMPLEX
NATURAL RESISTANCE

BEE SAFE

PACKAGING
1L - 5L

Foliar Use

COMPLEX

CALCIUM-based fertiliser
Calcium complex (ammonium lignin sulphonate)
Water-soluble calcium oxide 15%

CHARACTERISTICS

PHYLLON COMPLEX Ca is a high-tech chemical formulation as it uses a particularly effective organic complexing agent (LIGNINSOFONATE) allowing a real "chelation" of Calcium. **Phyllon Complex Ca** has been developed for use in treating and preventing physiopathologies due to calcium deficiency. Treatments with Phyllon Complex Ca have a positive effect on the water balance of plant tissues and on the shelf-life of fruits and flowers, reducing the incidence of post-harvest rot.
The exclusive **MICRO ACTIVE COMPLEX** formulation, moreover,enhances the probiotic effects of microorganisms, useful for soil and plant health.

COMPOSITION

Ca oxide (CaO) soluble in water	15%
Complexed Ca (CaO) oxide	12%

Compatibility

PHYLLON COMPLEX is compatible with the normal products used in agriculture.

It is not recommended to apply it with products containing sulphates, phosphates except Urea-Phosphate), mineral oils or in mixture with products with alkaline reaction. Place the product in the dispenser when it contains about half of the solution you intend to prepare, stirring facilitates mixing.
When preparing the mixture, consider the conductivity of the water and its temperature, and adjust the doses to be used.
The product is stable at normal temperatures and pressures. Store at a temperature between 3°C and 30°C.

pH: RANGE 3-4

CROPS	APPLICATION	DOSE and DIRECTION OF USE
Vegetables (tomato, potato, pepper, aubergine, courgette, melon, etc.)	**FOLIAR**	150-200 ml/hl
Leaf vegetables (lettuce, endive, chard, etc.)	**FOLIAR**	150-200 ml/hl
Fruit trees (citrus, olive)	**FOLIAR**	200-250 ml/hl
Fruit trees (apple, pear, stone fruit)	**FOLIAR**	150-250 ml/hl
Grapevine	**FOLIAR**	150-200 ml/hl
Actinidia	**FOLIAR**	100-150 ml/hl
Strawberries, small fruits	**FOLIAR**	100-150 ml/hl
Fruit nurseries	**FOLIAR**	50-250 ml/hl
Ornamentals	**FOLIAR**	150-200 ml/hl.

PACKAGING
1L - 5L

Foliar Use

SUGAR CU

EC Fertiliser
Copper (sulphate) fertiliser solution

CHARACTERISTICS

PHYLLON SUGAR CU is a special formulation based on sugars extracted from vegetable tissues, specially developed to prevent and treat copper micro deficiencies.
The characteristic conformation of the carboxylic chains of simple sugars, allows the plant to easily carry the microelements bound to them, ensuring an immediate translocation and organization of the element supplied.
The exclusive **MICRO ACTIVE COMPLEX** formulation, moreover,enhances the probiotic effects of microorganisms, useful for soil and plant health.

COMPOSITION

Water-soluble copper (Cu)	3,5%

w.s. 1.01 kg/lt	pH value 2

Compatibility

PHYLLON SUGAR CU is generally compatible with the normal products used in agriculture.

It is not recommended to apply it with products containing mineral oils or in mixture with products with alkaline reaction. Place the product in the dispenser when it contains about half of the solution you intend to prepare; stirring facilitates mixing. When preparing the mixture, consider the conductivity of the water and its temperature, and adjust the doses to be used.

Raw materials: Copper sulphate.
Use only where there is a recognised need.
Do not exceed the appropriate doses.
The product is stable at ordinary pressure and temperature, store between 3°C and 30°C.

CROPS	APPLICATION	DOSE and DIRECTION OF USE
Vegetables (tomato, pepper, aubergine, courgette, melon, etc.)	**FOLIAR**	0.7 -1 l/ha during vegetative growth
Leaf vegetables (lettuce, endive, Swiss chard, etc.)	**FOLIAR**	0.7 -1 l/ha during vegetation development
Grapevine	**FOLIAR**	0.7 -1 l/ha from fruit set to cluster closure
Strawberries	**FOLIAR**	0.5 -1 l/ha fruit growth
Actinidia	**FOLIAR**	0.7 -1 lt/ha fruit growth
Cereals	**FOLIAR**	0,5 -1 lt/ha during vegetative development