### PRODUCT CATALOGUE





Innovative plant nutrition solutions to your crops





### Plant nutrition solutions to your crops

### Our goal

From the beginning, Toloriu Investment started its activity with the specific goal of creating efficient plant nutrition products. Our organization has always kept in mind how important is for our customers to achieve excellence in crops. That is why we are determined to offer specially formulated products to achieve larger productions in less time, for smaller investments.

### Research is the key

Our commitment with research and development is a must for us. Our efficient nutritional answers are developed specifically for our customers, taking into account that their problems are our problems. Our Laboratory and agronomic department develop specific formulas, so we can provide customized solutions adapted to our customer's needs.

### What can we offer?

We have a modern in-house Laboratory that together with our agronomic department have designed our Product Catalogue. We consider your issues as our issues and your successes as our successes. So we use all our technology, know-how and experience to work for you.

Please note that we have developed a general product catalogue formulated with high level nutritional products that we are proud to introduce to you. Do not hesitate to contact us for product assistance or questions about your Country fertiliser needs.



BIOSTIMULANTS



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### T-Orto

#### Iron Chelated EDDHA - 6.0 o-o

Iron chelated with EDDHA 6% 6.0 o-o of high quality and excellent solubility. Its formulation facilitates the nutrients absortion and corrects iron deficiencies even in soils with high pH (alkaline) preventing chlorosis. It is quickly assimilated by foliar application, and by root application it allows a progressive and stable absorption over time.

Recommended for all type of crops, specially for vegetables, fruit trees and lawns/turfs.



COMPOSITION 6.0% Iron chelate EDDHA with 6.0% o-o

5Kg, 1Kg, 5Kg, 25Kg, 500Kg

0-12 Kg/ha (radicular)

### T-Fer

#### Iron Chelated EDDHA - 4,8 o-o

Iron chelated with EDDHA 6% 4.8 o-o of high quality and excellent solubility. Its formulation facilitates the nutrients absortion and corrects iron deficiencies even in soils with high pH (alkaline) preventing chlorosis. It is quickly assimilated by foliar application, and by root application it allows a progressive and stable absorption over time.

Recommended for all type of crops, specially for vegetables, fruit trees and lawns/turfs.



COMPOSITION

6.0% Iron chelate EDDHA with 4.8% o-o

0.5Kg, 1Kg, 5Kg, 25Kg, 500Kg DOSE: 10-12 Ko/bo (radicular)

## T-Fields

#### Iron Chelated EDDHA - 3.5 o-o

High quality soluble iron chelate formulated with EDDHA 6% 3.5 o-o to protect iron and increase its absorption in alkaline soils and waters. Its foliar application will allow a rapid absorption and correction of chlorosis, improving photosynthesis and general crop performance. Its root application allows a stable absorption of the product during the whole cycle.

Recommended for all type of crops, specially for vegetables, fruit trees and lawns/turfs.



### COMPOSITION

6.0% Iron chelate EDDHA with 3.5% o-o

.5Kg, 1Kg, 5Kg, 25Kg, 500Kg )OSE: 0-12 Kg/ha (radicular)

### T-Ca Pro

#### Liquid calcium corrector

Calcium and boron fertilizer that promotes rapid absorption in the plant when applied. Different benefits are obtained depending on the moment of application. In flowering, it significantly reduces the fall of flowers and improves fruit setting. During fruit growth it improves fruit firmness and resistance during handling and transport.

Recommended for fruit trees sensitive to post-harvest handling (cherry, pear, kiwi) and fruit vegetables (aubergine, tomato, pepper).



COMPOSITION 12.0% CaO, 0.10% B, 0.01% Free amino acids

5L, 1L, 5L, 10L, 20L, 200L, 1000L OSE: 6 l/ha (radicular)

### T-CaB

### Solid calcium and boron mix

Concentrated calcium and boron fertilizer formulated to enhance calcium assimilation. It prevents deficiencies in crops and improves calcium reserves at the end of the crop cycle. Its foliar application during fruit setting reduces the flower abortion and its application in pre-harvest increases fruit firmness during handling and transport.

Recommended for fruit trees with highly thin skin and fragile cell structure (cherry, pear, kiwi) and fruit vegetables (aubergine, tomato, pepper).



COMPOSITION 34.50% CaO 3.0% B

.5Kg, 1Kg, 5Kg, 25Kg, 500Kg )OSE: 00-500 g/hl (foliar)



## T-Boron

#### Concentrate solution of boron

Boron ethanolamine-based fertilizer solution that corrects and improves boron levels in crops for optimum performance. Its foliar application is essential to increase pollination, fruit setting and sugar synthesis in crops. Its application guarantees the optimal level of boron in the plant, significantly improving fruit setting and increasing the plant performance.

Recommended for fruit trees, citrus, table or wine grapes and crops with high boron requirements (alfalfa, cotton, coffee).

## T-Mn Zn

### Mn and Zn complexed by lignosulfonate (LS)

Mixture of manganese and zinc complexed by lignosulfonic acid formulated to correct nutrient deficiencies and prevent chlorosis in crops. Its root application at the beginning of the cycle allows a preventive absorption, avoiding chlorosis development during the cycle. If applied foliarly and in case of manifest deficiency it helps the crop in its fast recovery, promotes an increased sprouting and higher final yields.

Recommended for all crops.



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T-Boron

COMPOSITION 3.50% Mn 3.50% Zn

11.0% B

00-700 cc/hl (foliar) )-15 l/ha (radicular)

## T-Maxi

#### Solid mixture of micronutrients EDDHA

Iron, zinc and manganese deficiencies corrector designed to efficiently fight chlorosis in crops and maintain an excellent level of micronutrients. It is chelated with EDDHA which gives a high persistence in the soil, allowing a stable absorption of micronutrients by the crop. The application enhances the chlorophyll synthesis, improves pollination and fruit setting processes.

Recommended for all crops.

### **T-Trace Mix**

### Solid mixture of EDTA / HGA micronutrients

Outstanding nutritional complex able to efficiently correct a wide variety of micronutrient deficiencies. Formulated with EDTA and HGA as chelating/complexing agents, it provides a rapid foliar absorption and micronutrient protection in root applications. Its multiple micronutrients are all essential for the growth of crops and their optimal development, increase crop yields and avoid multiple nutritional deficiencies. Recommended for all crops.



COMPOSITION 0.70% B 0.30% Cu

0.70% B 0.30% Cu 7.5% Fe 3.30% Mn 0.10% Mo 0.60% Zn

4.50% Fe

1.00% Mn

0.50% Zn

0.5Kg, 1Kg, 5Kg, 25Kg, 500Kg DOSE: 100-300 g/hl (foliar) 1.5-3 Kg/ha (radicular)

culor)



## **T-Fruit**

### Micronutrients mixture for fruit trees complexed by lignosulfonate (LS)

Mixture of microelements complexed by lignosulfonic acid specially formulated for fruit trees. This product supplements and maintains boron, iron, manganese, molybdenum and zinc at the optimum level. With foliar and root applications, it will promote the production of chlorophyll and prevents flower abortion in the fruit setting, increasing the final crop yield.

Recommended for all types of fruit trees.



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Greens

0.50% B 2.50% Fe 2.50% Mn

0.02% Mo 1.50% Zn

1.50% B

0.2% Cu 1.0% Fe

1.0% Mn

1.0% Zn

0.02% Mo

### T-Greens

#### Micronutrients mix for vegetables

Solution of microelements designed to increase and maintain the optimal level of microelements in vegetable crops. Its foliar and root application stimulates the development, fruit setting and ripening of vegetables to obtain maximum yield.

Recommended for all types of vegetables, specially fruit vegetables.

### **T-Citrus**

#### Micronutrients mix for citrus complexed by lignosulfonate (LS)

Micronutrient deficiency corrector complexed with lignosulfonic acid specially formulated for citrus. Its micronutrient content promotes the synthesis of chlorophyll, stimulates tree growth and absorption of the product, while its foliar application helps to correct serious deficiencies thanks to its rapid assimilation by the plant.

. Specially recommended for citrus.

## **T-Crops**

#### Micronutrients mix for crops complexed by lignosulfonate (LS)

Micronutrient solution complexed by lignosulfonic acid designed to correct micronutrient levels in crops at their critical stages of growth. Its foliar and root application improves the frut setting and chlorophyll synthesis processes, increasing crop yields. Recommended for extensive crops.

## T-Trace Fe

### Iron complexed by heptagluconic acid (HGA)

Outstanding iron corrector complexed with heptagluconic acid that will provide an excellent effect in correcting chlorosis in multiple crops, increasing growth and optimal development. In foliar applications it is assimilated quickly, increasing the synthesis of chlorophyll and crop transpiration.

Recommended for fruit trees and crops sensitive to the lack of iron such as fruit trees, grapevine, citrus, vegetable crops, berries and ornamental plants.



### 12.0% Fe



### 1.50% Zn

2.50% Fe

4.00% Mn

2.00% Fe 0.50% Mn 0.02% Mo 0.50% Zn



0.20% B







### T-Trace Mn

#### Manganese complexed by heptagluconic acid (HGA)

High quality manganese deficiency corrector complexed with heptagluconic acid. It is easily absorbable by foliar application. Increases lateral root growth and activates cell growth and lengthening. It boost the synthesis of chlorophyll and proteins, improving the yield of crops.

Recommended for fruit trees and crops sensitive to the lack of manganese such as fruit trees, vine, citrus, vegetables, berries and ornamental plants.



### Zinc complexed by heptagluconic acid (HGA)

High performance zinc deficiency corrector complexed with heptagluconic acid. Its foliar application favors flowering and fruit setting, triggering a rapid synthesis of auxins and a multitude of cellular processes.

Recommended for fruit trees and crops sensitive to the lack of zinc such as fruit trees, vines, citrus, vegetables, berries and ornamental plants.



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12.50% Mn

14.0% Zn

### T-Trace Cu

### Copper complexed by heptagluconic acid (HGA)

Long-lasting copper deficiency corrector complexed with heptagluconic acid. When applied foliarly it promotes the synthesis of phytoalexins and lignins. Its application at the beginning and end of the cycle, stimulates the plants' self-defense system, protecting crops from external pathogens. Recommended for fruit trees, vines and citrus.



13.0% Cu

### T-Fulvi Ca

#### Calcium complexed by lignosulfonate (LS)

Calcium product complexed with lignosulfonate designed to correct calcium deficiencies in crops, ensuring highly efficient absorption. Its foliar and root application during fruit growth and pre-ripening, ensures increased fruit firmness and resistance during handling and transport.

Recommended for fruit trees with highly thin skin and fragile cell structure



11.0% CaO complexed by LS (Lignosulfonate) 6.0% N

### T-Fulvi MgC

#### Magnesium complexed by lignosulfonate (LS)

Recommended for all crops.



6.5% MgO complexed by LS (Lignosulfonate) 6.0% N

Magnesium solution complexed with lignosulfonate that provides enhanced foliar and root assimilation. It is designed to correct manganese deficiencies in crops. Its contribution is essential to promote the synthesis of chlorophyll, increasing the metabolism of the plant and producing an improvement in vegetative growth.





# BIOSTIMULANTS

# T-Soil

#### Soil improver biostimulant

Organic acids from plant extracts whose application improves the overall structure of the soil in multiple aspects. Its application provides a greater water retention in the soil, helps to unblock nutrients thanks to its complexing propierties and promotes soil nutrient assimilation. Root applications are recommended throughout the cycle to ensure excellent soil health.

Recommended for all crops, specially those with high-value like peaches, vegetables, berries and fruit trees (avocado, mango, papaya).



### COMPOSITION

15.0% Total humic extract 5.0%  $\rm K_2O$ 

1.50,000 0.5L, 1L, 5L, 10L, 20L, 200L, 1000L DOSE: 40-100 l/ha (radicular)

# T-Humi

#### Humic and fulvic acids from leonardite origin

Humic and fulvic acids of leonardite origin that improves the soil structure, forming clay-humic complexes. It enhances water absorption capacity and the exchange of nutrients from the soil and the crops yield, promoting plant growth and higher yields.

Recommended for all crops, specially those with high-value like peaches, vegetables, berries and fruit trees (avocado, mango, papaya).



COMPOSITION

73.50% total humic extract, 66.0% Humic acids, 7.50% Fulvic acids, 12.00% Potassium oxide

).5Kg, 1Kg, 5Kg, 25Kg, 500Kg )OSE: 5-12 Kg/ha (radicular)

## T-Root

#### Root system biostimulant

Biostimulant of the root system with seaweed extract, amino acids and micronutrients that increases root growth and nutrient absortion. If applied radicularly at the beginning of the cycle, it ensures a resistant root system capable of absorbing the available nutrients and generating higher yields.

Recommended for all crops, specially annual cycle crops, vegetables and young fruit trees.

## **T-AAFol** 13 / 24

#### Amino acids

Concentrated amino acid fertilizer solution that has a stimulating effect on vegetative growth, improving its metabolism, growth and protecting the plant from stress. Its foliar application in periods of abiotic stress such as droughts, moments of high production, it's very useful to give an extra energy contribution to the crop. Recommended for all type of crops.

# T-Radix

#### Root and leaf growth stimulator

Biostimulant with a balanced effect that activates and enhances both root and vegetative growth. It increases the plant metabolism, promoting an enhanced root growth and nutrient absortion. Its formulation with amino acids and several essential macro and micronutirents help the plant overcome abiotic stress and it promotes a better development of the fruit. It boosts fruit setting and fruit fattening, increasing the size of the fruit and the final yield. Recommended for all type of troops



#### COMPOSITION

5.0% Seaweed extract (Ascophyllum nodosum). Trace elements: 0.20% B, 3.50% Fe, 1.00% Mn, 0.05% Mo.

-10010 0.5L, 1L, 5L, 10L, 20L, 200L, 1000L 2005E: 5-3 L (bp. (radiaular)

### COMPOSITION

**T-AAF ol 13:** 13.0% Amino acids 2.20% N **T-AAF ol 24:** 24.0% Amino acids 3.30% N

ISL, 1L, 5L, 10L, 20L, 200L, 1000L DOSE: ISO cc/hl (foliar) I-10 l/ha (radicular)

#### COMPOSITION

8.00% Amino acids, 5.00% N, 5.00% P₂O₅, 4.00% K₂O. Trace elements: 0.01% B, 0.10% Fe, 0.004% Cu, 0.04% Mn, 0.001% Mo, 0.08% Zn.

0.5L, 1L, 5L, 10L, 20L, 200L, 1000L DOSE: 250-500 cc/hl (foliar)



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# BIOSTIMULANTS

## **T-Stim**

#### Amino acids booster mix

Nutritional complex based on amino acids designed for crops under drought, frost, phytoxicity or deterioration of the crop, that stimulates the metabolism of plants. Its foliar application in demanding periods for the plant such as fruit fattening, stimulates metabolism and increases crop yield. Recommended for fruit trees and vegetables.

### T–Vit AA

**T-Nutre** 

fruit caliber.

T-Mo

Fruit growth improver

Molybdenum solution

fruit horticultural crops.

#### Growth stimulant and enhancer

Nutritional supplement with amino acids, micronutrients and vitamins that increases the vigor and production of the crop. Its foliar application during flowering and fruit setting period stimulates fruit production, increases growth and helps the plant to overcome stressful situations.

Recommended for fruit trees, table and wine grapes, vegetable crops and ornamentals plants.

Biostimulant designed to improve crop development by providing

amino acids, micronutrients and seaweed extract that enhances the metabolism of the plant. Its foliar application, specially in periods of fruit setting and fattening, favors flower budding, fruit setting and

Recommended specially for fruit trees, citrus, table and wine grape.

Molybdenum corrector designed to increase the root system and protect the plant against stress. Its foliar application at the time of fruit setting improves the synthesis of amino acids and the

balanced development of the plant, providing greater tolerance to

Specially recommended for all type of fruits, grapevine, citrus and

stress and an improvement in the quality of the fruit.



T-Vit AA

6.0% Amino acids 1.60% N

0.15% Vitamins, 13.00% Amino acids, 2.20% N. Trace elements: 0.20% B, 0.30% Fe, 0.10% Mn, 0.02% Mo, 0.10% Zn.

6.0% Seaweed extract (Ascophyllum nodosum), 6.00% Amino acids, 1.30% N. Trace elements: 0.20% B, 2.50% Fe, 0.50% Cu, 1.00% Mn, 0.02% Mo, 0.50% Zn.



### 8.60% Mo

# **T-Molystop**

### Solid mixture of molybdenum to slow down vegetative growth

Solid molybdenum nutritional complex with regulating action of vegetative vigor. Its application helps the plant to slow down vegetative growth and redirecting photoassimilates to flowers and fruits. This enhances the fruit setting and fattening phase, increasing final production and slowing down vegetative growth.

Recommended for all fruit trees.



30.0% Mo, 1.90% B, 0.80% Mn. 0.80% Zn

# TOI ORIU **T-Nutre**







# DEFENSE INDUCTORS

## T-Fosfi Ca

#### Defense inductor with calcium

Plant defense inducer based on calcium and phosphorus that increases plant resistance against fungi of the Oomycetes type, by making the crops more resistant to biotic and abiotic stress. Its calcium content causes an increase in the firmness of the fruits, which is why its application in pre-flowering is recommended. Recommended specially for all types of fruit trees, citrus, table and wine grapes, vegetable crops and ornamentals plants.

#### COMPOSITION 0-25-0 (N-P-K) 7.0% CoO

T-Fosti Ce

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D L, 5L, 10L, 20L, 200L, 1000L ::

-10 l/ha (radicular)

## T-Fosfi Cu

### Defense inductor with copper

Plant defense stimulator based on copper and phosphorus that increases plant resistance against fungi of the Oomycetes type. Its copper content applied during the crop cycle activates the metabolism of the plant and the production of phytoalexins, improving the plant's own defenses against attacks by external pathogens.

Recommended specially for all types of fruit trees, citrus, table and wine grapes, vegetable crops and ornamentals plants.

### **T–Fosfi K** Defense inductor with potassium

Plant defense stimulator based on potassium and phosphorus that increases the plant resistance against fungi of the Oomycetes type, making the crops more resistant to stressful situations. Applied foliarly before flowering, we will be able to increase the potassium content of the plant, improving the photosynthetic activity and the flowering of the fruits. Recommended specially for all types of fruit trees, citrus, table and wine grapes, vegetable crops and ornamentals plants.

T-Fosfi Mn

### Defense inductor with manganese

Defense inducer based on phosphorus and manganese that it increases the resistance of the plant against fungi of the Oomycetes type, helping crops to overcome situations of biotic and abiotic stress. When applied foliarly before flowering, its manganese content prevents chlorosis problems, enhances photosynthesis and improves nitrogen assimilation by the plant.

Recommended specially for all types of fruit trees, citrus, table and wine grapes, vegetable crops and ornamentals plants.

## T-Fosfi Zn

#### Defense inductor with zinc

Plant defense inducer based on phosphorus and zinc that increases the resistance of the plant against fungi of the Oomycetes type, providing a strong defense against biotic and abiotic stress in multiple crops. When applied foliarly before flowering, it provides the necessary zinc to avoid chlorosis, increasing fruit set and enhancing the natural self-defenses of the plant. Recommended specially for all types of fruit trees, citrus, table and wine grapes, vegetable crops and ornamental plants.





COMPOSITION 9-25-0 (N-P-K) 4.5% Cu

10010 5L, 1L, 5L, 10L, 20L, 200L, 1000L OSE: 5-250 cc/hl (foliar) 10 I/bo (radicular)

#### COMPOSITION 0-30-20 (N-P-K)

, 1L, 5L, 10L, 20L, 200L, 1000L iE: 300 cc/hl (foliar)

> COMPOSITION 0-25-0 (N-P-K) 7.0% Mn

1L, 5L, 10L, 20L, 200L, 1000L

)-300 cc/hl (foliar)



2001 2005 | 12, 5L, 10L, 20L, 200L, 1000L 2005 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 2002 | 20





# DEFENSE INDUCTORS

**T-Copper** 

### Copper concentrate solution

Liquid corrector for copper deficiencies specially designed to activate the inner defenses of the plant. When applied foliarly at the beginning and end of the crop, it increases the synthesis of phytoalexins and protects it from abiotic stress situations. Recommended specially for all types of fruit, citrus and grapevine.



COMPOSITION 5.0% Cu

## **T-Seaweed**

#### Seaweed extract 24%

Biostimulant based on algae Ascophyllum nodosum that provides nutrients that activates the metabolism of plants. Its foliar application at any time of the growing cycle increases the plant's own defenses, providing strength to overcome stressful situations. With its application you will obtain better returns in quantity and quality.

Recommended for all type of crops specially fruit trees, horticultural and ornamental crops.



#### Seaweed extract 50% (w/v)

Concentrated extract of Ascophyllum nodosum seaweed designed as a foliar supplement in nutrient mixtures or application by fertigation. The biostimulant effect of the seaweed extract activates the metabolism of crops, helping to overcome stressful situations and obtain better performance.

Recommended for all type of crops, specially fruit, horticultural and ornamental crops.



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T-Seaweed

COMPOSITION 24.0% Seaweed extract (w/w)

QUID 5L, 1L, 5L, 10L, 20L, 200L, 1000L

00-300 cc/hl (foliar)

### COMPOSITION

50.0% Seaweed extract (w/v)

SCIE 5L, 1L, 5L, 10L, 20L, 200L, 1000L DSE: 0 cs/bl (folior)

### **T-Defense**

### Plant defense promoter

Mix of nutrients designed to promote the synthesis of phytoalexins in crops, protecting plants from pathogen attacks. Its application at the beginning and end of the cycle, either foliar or root, helps to increase the plants defences.

Recommended for all type of crops, specially fruit trees.



COMPOSITION

0.30% Al 1.80% Cu 0.80% Mn 0.50% Zn

## T-Sil K

### Silicon solution

Concentrated potassium and silicon solution applied to improve the structural stability of plant cells. It provides rigidity to plant tissues and cell walls, improving the stability and resistance of the culture and providing greater tolerance against all types of stress. Its





### CONDITIONERS AND ADJUVANTS

## T-Drain

### Soil conditioner

Polymer of organic acids and calcium formulated to improve the surface structure of the soil, due to the formation of crusts or compaction. At the same time, it restores the drainage capacity of the soil and the leaching of salts, increasing soil aeration and water infiltration. Its root application at the beginning of the crop cycle prepares the soil and ensures proper drainage throughout the cycle. Recommended for all type of soils with structural problems.



### COMPOSITION

21.0% Aldaric acids 14.0% CaO

, 1L, 5L, 10L, 20L, 200L, 100 SE: 10 L/bo (rodiculor)

### T-Salt

### Water salinity conditioner

Saline water corrector with calcium and polyhydroxyphenylcarboxylic acid specially developed to correct the negative effect of sodium in irrigation water. Its application in irrigation water allows to improve the root absorption of water and other nutrients, making these waters suitable for cultivation. Recommended for all type of crops.



### COMPOSITION

25% Polyhydroxyphenilcarboxylic acids 7.0% CaO 3.80% N

L, 1L, 5L, 10L, 20L, 200L, 1000L SE:

## **T-pH Regulator**

#### Coadjuvant and pH regulator

NP 3-17-0 fertilizer solution used as adjuvant and pH regulator for phytosanitary mixtures. The color indicator that it incorporates allows to lower the pH of the broth in the application tank to adjust it to the desired level and maximize the effectiveness of phytosanitary mixtures.

Recommended for all type of crops.



### COMPOSITION

3.0% N 17.0% P<sub>2</sub>O<sub>5</sub>

2.0% Fe

5L, 1L, 5L, 10L, 20L, 200L, 1000 OSE: D cc/bl

# T-Wet

### Plant protection mixture conditioner

Conditioner for phytosanitary broths with triple action: humectant, penetrator and pH regulator. This fertilizer solution improves the compatibility of plant protection mixtures. Its application improves the mixture compatibility and boosts its absorption by crops. Recommended for all type of crops.

# T-CalciHum

### Calcium soil amendment

Calcium amendment to correct excess acidity of the soil. Its application in acidic soils corrects its pH by increasing the availability of calcium and increasing the infiltration of water in saline soils. Its application during fruit setting and growth favors the absorption of nutrients already present in the soil, increasing the final crop yield.



COMPOSITION 35.0% CaO





**SPECIALTIES** 

### T-Premium

### Solid osmotic protector of plant origin

Solid osmotic protector of vegetable origin based on glycine betaine designed to enhance the defenses of plants in situations of water and saline stress and extreme temperatures. Its foliar application avoids loss of productivity in unfavorable situations and improves plant protection. It also favors the flowering process protecting the flower, increases fruit retention and preserves the fruits from cracking. Improves the physicochemical and biological characteristics of the soil. Recommended for all type of crops, specially stone fruit and vegetables.

### 12.0% N

12.0% N 57.0% C 97.0% Glycine betaine

.5Kg, 1Kg, 5Kg, 25Kg, 500Kg JOSE:

T-Premium L

### Liquid osmotic protector of plant origin

Liquid osmotic protector of vegetable origin based on glycine betaine designed to increase the defenses of plants in situations of hydric and saline stress and extreme temperatures. If applied foliarly under stress conditions it has an osmoprotective effect and promotes plant growth, avoiding productivity losses. It also favors the flowering process protecting the flower, increases the retention of fruits and preserves the fruits from cracking. Improves the physicochemical and biological characteristics of the soil. Recommended for all type of crops, specially stone fruit and

Recommended for all type of crops, specially stone fruit ar vegetables.

# **T-Strong**

#### Quality enhancer

Potassium and phosphorus concentrate with Ascophyllum nodosum that acts as an activator of the plant's sugar synthesis. Applied foliarly 35 days after harvest, it improves the organoleptic quality of the fruit, obtaining a higher sugar content and greater firmness.

Specially recommended to obtain fruits with the best organoleptic properties such as fruit trees, fruit vegetables, citrus, berries, wine and table grapes.

# T-Bomb

#### Fruit growth enhancer

Specialized product formulated to maximize crop yields in fruit trees and fruit vegetables. Its exclusive formulation applied together with T-Soil improves the commercial caliber of fruits as well as the content in Brix degrees and aroma. It increases fruit firmness reducing the losses in transport and handling.

Recommended for fruit trees, specially stone fruit and fruit vegetables such as tomato, aubergine, pepper.



### COMPOSITION

6.0% Amino acids 6.0% N 39.0% Glycine betaine

GOID 5L, 1L, 5L, 10L, 20L, 200L, 1000L OSE: )0-800 cc/hl (foliar)

#### COMPOSITION

15.0% P₂O₅ 25.0% K₂O 0.10% Mn 0.01% Zn 5.0% Seaweed extract (Ascophyllum nodosum)

0.5L, 1L, 5L, 10L, 20L, 200L, 1000L DOSE: 250-500 cc/hl (foliar)

#### COMPOSITION

10.0% Amino acids 16.50% N 1.0% Fe

GOD 5L, 1L, 5L, 10L, 20L, 200L, 1000L OSE: V/bac (cadioular) +

0 l/ha of T-Soil



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T-Strong





### **T-Bee**

#### Pollination enhancer

Exclusive mix of zinc and essential oils with enhancing effects on flowering, pollination and fruit setting. Its unique formulation with aromatic extracts attracts pollinating insects, such as bees and bumblebees, boosting fruit setting and crop yield. It increases the profitability of both open air and greenhouse crops.

Specially récommended for all type of fruits, grapevine, citrus and fruit horticultural crops.

## T-Bloom Plus

### Booster of the flowering and fruit fattening

Exclusive NPK biostimulant with amino acids and micronutrients designed to enhance vegetative growth and improve flowering and fruit fattening. It enhances the overall plant productivity, improving crop yield and increasing production and final quality of the fruit. Recommended for fruit trees, specially stone fruit and fruit vegetables such as tomato, aubergine, pepper.



FOLORIL

-Fructi

TOLORIU T-Bee

3.0% Zn and Essential oils

4.0% Amino acids 1.0% N 10.0% P<sub>2</sub>O<sub>5</sub> 10.0% K<sub>2</sub>O 0.25% B 0.20% Mo

0.2% Mannitol 15.0% P<sub>2</sub>O<sub>5</sub> 1.0% K<sub>2</sub>O

3.0% Mn 2.0% B,

2.50% Mo

# **T-Fructi**

### Fruit setting enhancer

Nutritional complex formulated to increase success in flowering and fruit setting. It provides all the necessary nutrients to enhance flowering, corrects nutritional deficiencies during the fruit setting season and improves the yield and production of the crop. Recommended for fruit trees, specially stone fruit and fruit vegetables such as tomato, aubergine, pepper.



### Fruit growth and caliber promoter

Fruit growth and fattening enhancer formulated with a high content of tryptophan designed to induce the synthesis of the plant's natural auxins. Improves crop yield by increasing the size and weight of the fruits. Its amino acid content improves the resistance of plants to stress and reduces their sensitivity to cracking. Recommended for fruit trees, specially stone fruit and fruit vegetables such as tomato, aubergine, pepper.



8.9% Amino acids 2.39% N



9.0% Seaweed extract (Ascophyllum nodosum)





### T-eQual

### Homogenizer of phenological stages

Amino acids and concentrated organic compounds that allow the nitrogen absorption when the plant is in a dormant stage. Its foliar application before sprouting stimulates the uniform activation of sprouts, thus helping to homogenize flowering and harvest. Recommended for all types of fruit, grapevine, citrus and fruit horticultural crops.



#### COMPOSITION

6.0% Amino acids 1.20% N 3.0% P<sub>2</sub>O<sub>5</sub> 6.50% Humic substance 2.30% Organic acids

2012 5L, 1L, 5L, 10L, 20L, 200L, 1000L DSE: /bl (folior)

## **T-Unite**

#### Growth regulator

Solution designed to limit vegetative development, stimulate the root system and unify fruit ripening by inducing the development of lateral shoots. To obtain the desired effect, it needs to be applied together with T-Mo. When applied foliarly after fruit setting, it balances plant growth and directs its efforts to fruit growth. Recommended for all types of fruit, grapevine, citrus and fruit horticultural crops.



### COMPOSITION

15.0% P₂O₅ 20.0% K₂O 0.10% B 0.10% Mn 0.01% Mo

5L, 1L, 5L, 10L, 20L, 200L, 1000 OSE: )0-500 cc/hl (foliar) + ) cc/hl of T-Mo

## T34-Biocontrol® Control

### Trichoderma (1x10<sup>12</sup> CFU\*/kg)

Innovative and highly concentrated biofungicide which controls crop diseases, protects plants from pathogens and improves their productivity to obtain healthier products. It also produces antifungal compounds that act against fungal diseases and the parasitic potential in nematodes, accelerating the development of the root system. It is compatible for use in organic agriculture. Recommended for all type of crops.



### COMPOSITION

12.0% Trichoderma asperellum T34 strain

\*CFU = colony forming units

T-Riza

### Mycorrhizae

Product based on Mycorrhizae that increases the absorption surface of the root system and improves its efficiency in the assimilation of nutrients and water from the soil. Its root application during the growing cycle will improve the supply of nutrients, promoting a balanced development of the crop and an organoleptic improvement of the fruits. Recommended for all crops.



COMPOSITION

700 spores/g Rizophagus intraradices 700 spores/g Funneliformis mosseae.

okg. OSE: 5 Kg/ha (radicular)





### T-Limo

#### Natural defenses enhancer

Borated fertilizer with moisturizing and properties that enhances the natural defenses of the plant against whitefly (Trialeurodes vaporariorum), (Bemista tabaci), powdery mildew and aphids. It is a very effective product in all kinds of crops and suitable for use both in greenhouse and at the open air. Adequate equipment should be used for its uniform spraying to maximize the coverage of the product in the plant.

Recommended for fruit trees, specially stone fruit and fruit vegetables such as tomato, aubergine, pepper.

### T-Solvent

#### Treatment performance booster

This product enhances the performance of insecticides and phytosanitary treatments, decreasing its dosage for an effective treatment. It dissolves molasses and the chitin from insects, dissolving the exoskeleton of insects and mites. It is especially suitable for whiteflies (Alerodids), spider mites (Panonunchus ulmi), psila (Cacopsylla pyri) and red mites (Panonynchus citri).

Recommended for all types of fruit, grapevine, citrus and fruit horticultural crops.



Citrus cuticle extract and specific surfactants



## **T-Actirex**

#### Contact plague controller

Product from plant origin formulated with an exclusive microencapsulation of high penetrability agents. It has a very fast knock-out effect on aphids (Myzus persicae), spider mites (Panonunchus ulmi) and thrips (Thysanoptera). Its application acts as a contact plague controller that prevents further infestation of plagues in the plant. It doesn't leave any residue. Recommended for all types of crops like grapevine, fruit trees, citrus

and horticultural crops.



#### Plant cleanser

Potassium soap formulated to disperse and eliminate the molasses produced by external agents in the leaves and prevent the development of fungi. Its foliar application leaves no residue and allows the plant to be cleaned, thus increasing its capacity to carry out photosynthesis and its final performance. Recommended for all type of crops.



Highly effective botanical extract

DOSE: 40-50 cc/hl (foliar)

25.0% Potassium salt of vegetable aliphatic acids



### NPK FOLIAR FERTILIZERS

### **T-Fert N**

### NPK foliar fertilizer

NPK 19-6-6 foliar fertilizer with microelements formulated to meet the optimal nitrogen needs of the crop. Its foliar application at the beginning of the cycle or in periods of vegetative growth ensures the development of the crop and exellent final yields.

Recommended for all type of crops, specially leafy vegetables and fruit trees.



COMPOSITION

19-6-6 (N-P-K), Trace elements: 0.010% B, 0.002% Cu, 0.020% Fe, 0.010% Mn, 0.001% Mo, 0.002% Zn.

DLID 5Kg, 1Kg, 5Kg, 25Kg, 500Kg DSE: 0-400 a/hl (foliar)

### T-Fert P

### NPK foliar fertilizer

NPK 10-48-8 foliar fertilizer enriched with microelements formulated to enhance the development of the root system and increase the absorption and assimilation of nutrients. Applied foliarly during the pre-flowering and fruit setting stage, an increase in production is achieved and an improvement in the maturation of the crop.

Recommended for all crops, specially fruits, citrus and grapevine.



COMPOSITION

10-48-8 (N-P-K), Trace elements: 0.010% B, 0.002% Cu, 0.020% Fe, 0.010% Mn, 0.001% Mo, 0.002% Zn.

5K<u>g,</u> 1Kg, 5Kg, 25Kg, 500Kg

)-400 g/hl (foliar)

### T-Fert K

#### NPK foliar fertilizer

NPK 12-10-30 foliar fertilizer enriched with microelements formulated to obtain an increase in synthesis and transport of sugars, favoring the final quality of the fruit. Applied foliarly, specially during fruit fattening, it provides high quality crops and fruits of greater commercial value.

Recommended for all crops, specially fruit, citrus and grapevine.



COMPOSITION

12-10-30 (N-P-K), Trace elements: 0.010% B, 0.002% Cu, 0.020% Fe, 0.010% Mn, 0.001% Mo, 0.002% Zn.

g, 1Kg, 5Kg, 25Kg, 500Kg

\_. 100 g/hl (foliar)

T-K Max

### Chelated potassium solution

High quality liquid fertilizer, and partially chelated with EDTA, designed to increase the fattening of the fruit. Its foliar application increases the absorption of water and the resistance to stress of the plant, significantly improving the final quality of the fruit and obtaining optimum yields.

Recommended for all crops, specially fruit, citrus and grapevine.



COMPOSITION 0-0-30 (N-P-K) 0.5% EDTA

0010 5L, 1L, 5L, 10L, 20L, 200L, 100 OSE: 10-500 cc/bl (folior)



## NPK FOLIAR FERTILIZERS

## T-Orga N

### NPK foliar fertilizer

Plant origin organic nitrogen of high concentration with amino acids from enzymatic hydrolysis origin. It has been especially designed to stimulate vegetative growth of the plant and boost the plants photosynthesis and crop yield. This product is free of nitrates and ammonia. Recommended for all type of crops, specially leafy vegetables and fruit trees.



12.4% Free amino acids, 16.25% total N, 15% organic N, 1% ureic N.

0.5Kg, 1Kg, 5Kg, 25Kg, 500Kg DOSE: 150-500 g/hl (foliar) 10-20 Kg/ha (radicular)

### **T-Orga P** NPK foliar fertilizer

Exclusive organic fertilizer with a highly assimilable source of soluble phosphorus of vegetable origin. Applied both via root and foliar application it has a quick assimilation at times of high phosphorus demand. Its special formulation incorporates organic nitrogen and potassium obtained from enzymatic hydrolysis of vegetable proteins. Its balanced amino acids composition guarantees a spectacular rooting effect and plant growth. Recommended for all crops, specially fruit, citrus and grapevine.



### COMPOSITION

6.6% Free amino acids, 3.3% N, 2.6% K<sub>2</sub>O, 3% P<sub>2</sub>O<sub>5</sub>.

5L, 1L, 5L, 10L, 20L, 200L, 1000

400-1000 cc/hl (foliar) 8-20 l/bo (rodicular)



### Packaging formats Presentations and capacities









### TOLORIU INVESTMENT SL

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