



● GIVING BACK TO MOTHER NATURE
ikorganic

Product Catalogue
2025

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Environmentally conscious products for the modern farmer

Ikorganic is the company that marks a turning in the world of organic agriculture. It was founded in 2018 and since then has been promoting a highly ecological approach to both the management of agricultural resources and the production of high quality fertilizers.

Our philosophy is based on sustainable development and environmental protection, and our key objective is to provide solutions that not only improve crop yields, but that also contribute to nature conservation and agricultural sustainability.

We are proud of the certifications we have obtained and our collaborations with prestigious Greek Universities & Organizations to ensure that the quality of our products is consistently at the top, always remaining true to the values of the circular economy.

ELEVATE
GREECE
national startup point

Ikorganic applies Quality Management System ISO 9001:2015 and Environmental Management System ISO 14001:2015, which have been certified by NBIS Certification Body.



Activators – Biostimulants

Characteristics

Enhancing biological transformation of soil and plant activity

Better absorption of nutrients

Resistance against stress due to environmental factors



Ikorganic

Ikorganic helps in the growth of the plant

It is a natural, liquid plant-based growth biostimulant that is completely assimilated by plants. For its production, by-products of the agri-food industry (vegetables, pruning, spent mushroom substrate and special herbs) are used as raw materials.



Why do we choose it?

Increases the availability and improves the absorption and assimilation of nutrients • Accelerates the growth rate of plants and achieves a rapid increase in production • Increases the tolerance of plants to adverse stress conditions, maintaining their growth rate • Increases yields and improves the quality of production • Improves nutrient use efficiency and the effectiveness of pesticides and herbicides and plant protection products and herbicides • Promotes uniformity of production • Reduces the level of nitrates in leaf vegetable crops.

Content

pH	6,2 – 7
Electrical Conductivity	30 – 40 mS/cm
Amino Acids	3,4%
Organic Matter	29,2%
Organic Carbon	3,5%

In general, it is applied in the following doses:

Foliar: Dilution solution up to 1% (1 liter in 100 liters of water)

Fertigation: 20-30 liters per hectare



Regeneration

Regeneration helps to restart the plant

Regeneration is a liquid restart biostimulant derived from the gentle and natural processing of fresh raw materials of marine origin (fish) and herbal extracts.

It contains organic matter amino acids, B vitamins, growth regulators, humic - fulvic acids, macronutrients and trace elements. Because of its composition, Regeneration is easily and quickly resorbable by plants.

Why do we choose it?

Fast and balanced vegetative growth • Creation of strong shoots • Mobilization of nutrients in the shoot ethmoid • Immediate absorption and more efficient use of nutrients • Increase in photosynthetic capability • Increase in flowering and fruit size • Maintenance of the plant at a consistently high crop level over a long period of time.

Content

pH 7,7 • Electrical Conductivity 1,8 mS/cm • Organic Matter 35,5% • Total Nitrogen 5,5% • Potassium 0,8% • Total Iron 0,001% • Organic Carbon 3,3% • Total Amino Acids 595 mg/100g

In general, it is applied in the following doses:

Foliar: 200-500 cc in 100 liters of water

Fertigation: 10-12 liters per hectare



Iko1

Content

pH 6,5 • Electrical Conductivity 2,1 mS/cm • Organic Matter 35% • Nitrogen 2% • Potassium 1,3% • Boron 0,9% • Calcium 1% • Iron 1,3% • Amino Acids 14%

In general, it is applied in the following doses:

Fertigation: 20-30 liters per hectare

Foliar Application: Dilution solution up to 500cc in 200 liters of water



All Star

Content

pH 7,4 • Electrical Conductivity 30,4 mS/cm • Organic Matter 30% • Total Zinc 4% • Copper 1,7% • Mushroom substrate extract (*Agricus bisporus* and *Pleurotus ostreatus*) 50% • *Ascophyllum nodosum* extract 30%

In general, it is applied in the following doses:

Foliar Application: Dilution solution up to 500cc in 200 liters of water

Fertigation: 10-20 liters per hectare



Amylose

Amylose is a biostimulant produced by humification of bananas, yeasts and the extraction of their basic components. It acts as an energy store in the winter months for the crops. It is suitable for all crops and for all fertigation formulas (greenhouses, open-field vegetables, etc.).

Content

pH 6,9-7,2 • Electrical Conductivity 25-30 mS/cm • Organic Matter 81,4% • Amylose 3% • Total Sugars 6% • Potassium 1,9% • Zinc 1%

In general, it is applied in the following doses:

Fertigation: 10-25 liters per hectare



Special Nutritional Products

Characteristics

They provide the necessary nutrients to the plants at the right time



Rootonic

Rootonic promotes the growth of the root system

Rootonic is a liquid rooting product derived from the gentle and natural processing of fresh raw materials of marine origin (fish). It contains amino acids, natural hormones, B vitamins, humic - fulvic acids, macro-elements. Because of its composition, Rootonic is easily and quickly assimilated by plants.



Why do we choose it?

- Improves the germination capacity of seeds
- Creates a rich and healthy root system
- Enriches the rhizosphere with beneficial microorganisms to cope with the demanding conditions of cultivation
- Has directness in the absorption of nutrients
- Increases the growth rate of plants
- Ensures the robustness of the plant throughout the duration of cultivation

Content

pH	5,2
Electrical Conductivity	2,3 mS/cm
Amino Acids	757 mg/100g
Organic Matter	38,9%
Organic Carbon	4,3%
Total Nitrogen	5,7%
Phosphorus	3,1%
Potassium	1,2%

In general, it is applied in the following doses:

Seed immersion: 100 cc in 100 liters of water up to 15 min

Root immersion: 1 liter in 100 liters of water for 5 min

Nurseries: with irrigation water 1 liter in 1000 liters of water

Transplanting: 10-15 liters per hectare

Fertigation: 10-15 liters per hectare

Foliar Application: 250-350cc in 100 liters of water

Caltivate

Calcium (CaO) 17.6% EDTA

Caltivate is an organic liquid biostimulant produced from fruit and herb extracts which aims to prevent and correct Ca deficiency and meet the organic needs of the plant. It contains 17.6% Ca in chelated form (chelating agent EDTA) and a high percentage of organic matter (52.7%).



Why do we choose it?

Favors the growth of shoots and roots by promoting cell division and elongation • Promotes the cohesion of cellular tissues by enhancing the formation of cell walls and the permeability of cell membranes • Ensures satisfactory flowering and fruit set by increasing pollen germination • Improves quantitative and qualitative production characteristics • Improves postharvest fruit longevity • Calcium is a recalcitrant element in plants because of its low mobility • Caltivate acts directly and effectively.

Content

pH	6,8
Electrical Conductivity	0,85 mS/cm
Organic Matter	52,7%
Organic Carbon	5,3%

In general, it is applied in the following doses:

Fertigation: 15-25 liters per hectare

Foliar Application: 150-250cc in 100 liters of water



Carpo Diem

Carpo Diem promotes flowering & fruiting

Carpo Diem is an organic biostimulant for fruit set derived from the gentle and natural processing of fresh raw materials of marine origin (fish) and fruit and herb extracts. The product design is fully targeted to meet the nutritional requirements of plants at the critical stage of flowering and fruit formation, a prerequisite for achieving a high rate of marketable production and thus high profitability for the producer.

Why do we choose it?

Increase of fruit set rate leading to rich fruiting with development of uniform fruits • Optimal flower fertilization through facilitation of pollen germination and pollen tube development, resulting in successful fruit formation • Vigorous and uniform flowering leading to uniform growth and simultaneous ripening of the fruit and consequently reduced harvest costs • Improved rate of photosynthesis, enhanced translocate of nutrients and primary metabolism products (photosynthates) from the leaves (source) to the reproductive organs of the plant (sink).

Content

pH 7 • Electrical Conductivity 2,7 mS/cm • Organic Matter 29,5% • Total Nitrogen 4,3% • Phosphorus 2,7% • Potassium 2,7% • Total Calcium Ca-EDTA 1,7% • Total Magnesium 0,4% • Boron 1,3% • Total Iron 0,009% • Organic Carbon 3,5% • Total Amino Acids 2779 mg/100g

In general, it is applied in the following doses:

Foliar: 200-500 ml in 100 liters of water

Fertigation: 12-25 liters per hectare

Blast

Content

pH 7,3 • Electrical Conductivity 4,1 mS/cm • Total Nitrogen 15,2% • Nitric Nitrogen 3,3% • Ammoniacal Nitrogen 3,4% • Ureic Nitrogen 8,5% • Boron 2,4% • Organic Carbon 9,6% • Organic Matter 38,8% • Total Amino Acids 2,48 g/100g

In general, it is applied in the following doses:

Fertigation: 20-30 liters per hectare

Foliar Application: 250-300 cc in 100 liters of water



Grow Sugar

Content

pH 9,5 • Electrical Conductivity 3,1 mS/cm • Total Nitrogen 0,8% • Phosphorus 2,6% • Potassium 9,5% • Boron 0,7% • Total Magnesium 0,4% • Total Calcium Ca - EDTA 1,2% • Organic Carbon 4,5% • Organic Matter 28,9% • Total Amino Acids 833 g/100g • Sugars 18,4%

In general, it is applied in the following doses:

Fertigation: 10-25 liters per hectare

Foliar Application: 200-500 cc in 100 liters of water



Grow Cotton

It is designed exclusively for the cultivation of cotton. Its application at the critical stages of cotton crop's growth helps to increase the yield of the crop and improve quality traits.

Content

pH 4,7 • Electrical Conductivity 1.800 mS/cm • Total Nitrogen 3,5% • Nitric Nitrogen 1,1% • Ammoniacal Nitrogen 0,7% • Ureic Nitrogen 1,7% • Phosphorus 3,8% • Potassium 3,8% • Total Calcium Ca - EDTA 1,7% • Organic Carbon 1,2% • Organic Matter 13,4% • Total Amino Acids 0,64 g/100g

In general, it is applied in the following doses:

It is suitable for applications through the irrigation system (fertigation) and for foliar spraying: **Dosing:** The recommended dose for each application is up to 10 liters per hectare.



Rootzilla



Content

pH 7 • Electrical Conductivity 34,9 mS/cm • Total Nitrogen 3,4% • Phosphorus 1% • Potassium 1,1% • Magnesium 0,92% • Calcium 1,98% • Iron 0,015% • Organic Matter 85,2% • Manganese 0,04 • Zinc 0,003%

In general, it is applied in the following doses:

Seed immersion: 100 cc in 100 liters of water for up to 15 min

Root immersion: 1 liter in 100 lit of water for 5 min

Nurseries: with irrigation water 1 liter in 1000 liters of water

Transplanting: 10-15 liters per hectare

Fertigation: 10-15 liters per hectare

Foliar Application: 250-350cc in 100 liters of water



Calcioshell

Calcioshell is a pioneering circular bio-economy product derived from shellfish consumption by-products and coffee spent grounds. It contains calcium of natural origin, nitrogen and 15% organic matter. Its specialized composition (chitin, proteins, carotenoids) attributed to the shellfish component contributes to the growth of shoots and roots while ensuring maximum flowering and fruiting by promoting cell divisions and proper cell wall formation.

Content

pH 6,4 • Electrical Conductivity 548 mS/cm • Total Nitrogen 6,6% • Calcium 11% • Organic Matter 15%

In general, it is applied in the following doses:

Vegetables: Root irrigation: 10-20 liters per hectare.

Foliar Application: 500 cc in 200 liters water.

Tree crops: Root irrigation: 20-30 liters per hectare. **Foliar Application:** 500cc -1 liter in 100 liters of water.



Fertilizing Products

Characteristics

Provision of essential nutrients

Improving plant health and growth

Better absorption of nutrients from both soil and water



Vitamin Sea NPK

8-8-8

Vitamin Sea NPK is an innovative organo- mineral liquid fertilizer which has marine fish and herbs as a natural source of raw materials. The product is fully assimilable by plants. It is a balanced fertilizer since it contains the three main nutrients N, P, K in the same proportion.



Why do we choose it?

- Uniform and balanced growth in crops
- Acceleration of root system formation and development and boosting of vegetative growth in the early stages of the crop
- Improvement of flowering, flower fertilization and fruit set in the pre-flowering stage
- Increase in fruit size during rapid growth because of increased cell division.

Content

pH 7,6 • Electrical Conductivity 4,9 mS/cm • Organic Matter 19,2% • Total Nitrogen 7,4% • Phosphorus 9,2% • Potassium 8,2% • Calcium Ολικό Ca-EDTA 0,7% • Total Iron 0,01% • Organic Carbon 3,2% • Total Amino Acids 154 mg/100g

In general, it is applied in the following doses:

Fertigation: 15-25 liters per hectare

Foliar Application: 200-250cc in 100 liters of water

Vitamin Sea N

18-0-0

Vitamin Sea N is an organo-mineral liquid fertilizer which has fish as its basic raw material. It focuses on a continuous, stable and carefully balanced supply of nitrogen to the crop ensuring that deficiencies or excesses (oversupply) with possible adverse effects on plant growth and health are avoided.



Content

pH 7,1 • Electrical Conductivity 4,8 mS/cm • Organic Matter 9,6% • Organic Carbon 2,2% • Total Nitrogen 17,5% • Total Amino Acids 328 mg/100g

In general, it is applied in the following doses:

Fertigation: 15-30 liters per hectare

Foliar Application: 200-300cc in 100 liters of water

Vitamin Sea K

2-0-15

Vitamin Sea K is an organo-mineral fertilizer which has fish as its basic raw material. Its specific composition directly meets the potassium requirements of plants at critical growth stages and prevents the adverse effects of a possible deficiency.

Content

pH 11,8 • Electrical Conductivity 4,4 mS/cm • Organic Matter 11,4% • Total Nitrogen 1,7% • Potassium 15,2% • Organic Carbon 1,7% • Total Amino Acids 512 mg/100g

In general, it is applied in the following doses:

Fertigation: 15-30 liters per hectare

Foliar Application: 150-200cc in 100 liters of water



Vitamin Sea P 2-10-2

Content

pH 4,3 • Electrical Conductivity 2,0 mS/cm • Phosphorus 10% • Organic Matter 19,1% • Total Amino Acids 271 mg/100 g

In general, it is applied in the following doses:

Fertigation: 15-30 liters per hectare

Foliar Application: 200-300cc in 100 liters of water



Vitamin Sea NP 9-7-1

Content

pH 4,4 • Total Nitrogen 9% • Nitric Nitrogen 2% • Ammoniacal Nitrogen 3,5% • Ureic Nitrogen 3,5% • Phosphorus 7% • Organic Matter 19,9% • Total Amino Acids 1244 mg/100g

In general, it is applied in the following doses:

Fertigation: 12-20 liters per hectare

Foliar Application: 200-300cc in 100 liters of water

Vitamin Sea NK 8-0-8

Content

pH 9,3 • Electrical Conductivity 3,2 mS/cm • Total Nitrogen 8% • Nitric Nitrogen 2,3% • Ammoniacal Nitrogen 1,5% • Ureic Nitrogen 4,2% • Organic Matter 17,3% • Total Amino Acids 1413 mg/100g

In general, it is applied in the following doses:

Fertigation: 8-15 liters per hectares

Foliar Application: 150-300cc in 100 liters of water

Vitamin Sea PK 2-10-9

Content

pH 7,8 • Electrical Conductivity 3,7 mS/cm • Phosphorus 10% • Potassium 9% • Organic Matter 14,7% • Total Amino Acids 730 mg/100g

In general, it is applied in the following doses:

Fertigation: 10-15 liters per hectare

Foliar Application: 200cc in 100 liters of water

Soil Conditioners

Characteristics

Humus is derived from the decomposition of organic materials such as plant residues.

Development of soil microbial load activity

Improvement of soil structure



Vitamin Sea Humus

Vitamin Sea Humus is a soil conditioner resulting from natural aerobic decomposition of organic materials, mainly fish, through the process of Aerated Static Pile (ASP). It is a non-phytotoxic, odorless, biologically stable, non-toxic product with a high degree of humification and therefore rich in humic compounds.



Why do we choose it?

Increases the efficiency of chemical fertilizer use • Favors healthy plant growth as it facilitates the uptake of nutrients such as iron and phosphorus • Protects plants from oxidative stress caused by adverse conditions by increasing the activity of antioxidant enzymes within the plants and thus their tolerance • Promotes the production of secondary metabolites within the plants (phenolic compounds), enhancing their defense mechanism against various pathogens

Content

pH 6,3-6,7 • Electrical Conductivity 3 mS/cm • Organic Matter 40% • Total Nitrogen 2% • Phosphorus 2% • Potassium 1%

In general, it is applied in the following doses:

At the planting location: 150-200 ml/plant or 2-4 liters/tree

Along the planting line: 300-600 liters/1000m²

Universal application: 2.5m³ or more depending on the needs and characteristics of the soil

Harmony Series

Organic-biological fertilizers in the form of pellets suitable for organic crops. They come from the utilization of plant by-products, spent coffee grounds and meat by products. They are innovative products for the application of the principle of cyclicity and zero waste in the agri-food sector. They provide plants with nitrogen phosphorus-potassium in combination with a high percentage of organic substance.

Harmony Pellet

Improves the structure and aeration of the soil by ensuring the fast and proper branching of the root system • Increases the ion exchange capacity (IEC) resulting in faster absorption of fertilizers and increasing the degree of their uptake • Retains soil moisture, saving water and preventing the negative effect of high temperatures • Can be mixed with organic-chemical fertilizers ensuring a complete fertilization program for the crop and soil health • It dissolves gradually, providing the crop with the above benefits throughout its duration • Its form makes it easier to handle while retaining all the benefits of humus, reducing erosion and helping to reform clay-like soils over time.



Content

pH 6,3-6,7 • Electrical Conductivity 2830 mS/cm • Organic Matter 87,3% • Total Nitrogen 2,2% • Phosphorus 1,5% • Potassium 1%

In general, it is applied in the following doses:

Greenhouse crops: 2-3 t/ha

Open field crops: 3-4 t/ha

Tree crops: 1-2 kg for young trees and 2-3 kg for adult trees

Harmony Bio 5-5-5 + 69% Organic Matter



Provides balanced nutrition and slow release of nutrients due to pellet form • Improves soil physicochemical properties and beneficial microorganism activity • Improves nutrient availability while achieving replenishment in depleted soils from intensive cultivation • Achieves increased yield and quality production.

Content

pH 5,6 • Electrical Conductivity 234 μ S/cm • Organic Matter 69% • Total Nitrogen 5,4% • Phosphorus 5% • Potassium 5,4%

In general, it is applied in the following doses:

Vine: 300-500 g/vine • Watermelon: 1-1,5 t/ha • Greenhouse and open field crops: 1-2 t/ha
• Trees: 1,5-3 kg/tree

Harmony Bio 6-6-13 + 52% Organic Matter



Increases the resistance of plants to adverse abiotic factors (drought, cold, soil salinity) • Improves plant growth and achieves increased yields • Facilitates the transfer of nutrients and metabolic products from leaves to fruits • The high percentage of organic matter ensures the preservation and availability of nutrients and improves soil structure, the water retention capacity and reduces erosion • The solid form of the fertilizer in pellet form favors soil aeration.

Content

pH 5,8 • Electrical Conductivity 500 μ S/cm • Organic Matter 52,4% • Total Nitrogen 5,7% • Phosphorus 5,7% • Potassium 13,3%

In general, it is applied in the following doses:

Vine: 300-500 g/vine • Watermelon: 1-1,5 t/ha • Greenhouse and open field crops: 1-2 t/ha
• Trees: 1,5-3 kg/tree

Organomineral Fertilizers Pellet

Characteristics

Plant nutrition

Improving soil health and structure



Euforia Series

Complete fertilizers in the form of pellets where in addition to nitrogen macronutrients, phosphorus and potassium, they also contain magnesium and trace elements such as boron and iron, manganese, zinc and organic matter.

This satisfies the needs of all crops (vegetables, leaf vegetables, tree, olive, vine, ornamentals plants lawns) even for the most demanding crops for nutrients in all soils. They come from the utilization of by-products coffee consumption, fruit and pruning. Their special composition strengthens the plants both in the vegetative and reproductive stages of growth.

Euforia Olea 18-6-14 + 0.4B + 3.8MgO + 63% Organic Matter

Ensures balanced vegetative growth, better fruit set, increased oil content of the fruit, improved quality of olive oil, increased flesh percentage, resulting in increased production of both oil production and table varieties • Provides the crop with tolerance to abiotic stress factors such as cold and drought • Reduces the phenomenon of alternate bearing in olive trees.

Content

pH 5,6 • Organic Matter 62,6% • Total Nitrogen 18,5% • Phosphorus 6,4% • Potassium 13,9% • Magnesium 3,8% • Boron 0,42%

In general, it is applied in the following doses:

Young olive trees: 1-2 kg/tree

Medium-Sized olives trees: 2-3 kg/tree

Large olive trees: 4 kg/tree

Tree crops: 1,2-1,5 tons per hectare



ORGANOMINERAL
FERTILIZERS PELLET

Euforia Olea 18-5-13 + 0.7B + 2.8MgO + 60% Organic Matter

Ensures balanced vegetative growth, better fruit set, increased oil content of the fruit, improved quality of olive oil, increased flesh percentage, resulting in increased production of both oil production and table varieties - Provides the crop with tolerance to abiotic stress factors such as cold and drought and mitigates the phenomenon of alternate bearing in olive trees.

Content

pH 5,8 • Electrical Conductivity 550 mS/cm • Organic Matter 60% • Nitrogen 18,4% • Phosphorus 4,9% • Potassium 12,9% • Magnesium 2,8% • Boron 0,7%

In general, it is applied in the following doses:

Young olive trees: 1-2 kg/tree • Medium-Sized olives trees: 2-3 kg/tree • Large olive trees: 4 kg/tree • Tree crops: 1,2-1,5 tons per hectare

Euforia 15-8-10 + 2MgO + TE + 75% Organic Matter

Uniform and balanced growth in crops • Improved nutrient availability • Good soil aeration and uniform application of the product due to the form of the fertilizer (pellet).

Content

pH 5,6 • Organic Matter 75% • Total Nitrogen 14,5% • Total Phosphorus 7,9% • Potassium 9,5% • Magnesium 1,8% • Trace elements (Fe, Mn, Zn, Cu)

In general, it is applied in the following doses:

Tree crops: 1,2-1,5 t/ha • Vine: 0,6-1 t/ha • Kiwi: 1-1,6 t/ha • Watermelon: 1-1,5 t/ha • Potato: 1,2-1,8 t/ha • Tomato: 1-1,5 t/ha • Greenhouse crops: 1-2 t/ha • Vegetables: 1-1,5 t/ha

Euforia 14-19-13 + 2CaO + TE + 63% Organic Matter

It is a high performance fertilizer, a product of sustainable treatment and management of coffee by-products in the form of small homogeneous cylindrical pellets. It provides plants with all the essential macro-elements (N-P-K), trace elements (iron, boron, molybdenum, zinc, manganese), calcium needed by plants during the early stages of growth.

Why do we choose it?

Contributes to the development of a rich and strong root system, a fundamental principle for healthy and robust plants • Enhances flowering and fruit set, ensuring growth and quality improvement of production • Improves the resistance of plants to environmental stresses (low temperatures, drought) and diseases • Accelerates growth and increases the early production because of its effect on the energy balance of the cells • The solid form of the fertilizer in pellets favors soil aeration, makes it easier to apply it evenly in the field in the absence of dust, favors the gradual release of nutrients and allows more precise fertilization.



Content

pH 5,4 • Organic Matter 62,9% • Total Nitrogen 14% • Phosphorus 19,6% • Potassium 12,5% • Calcium 1,69% • Boron 0,102% • Iron 0,12% • Manganese 0,127% • Molybdenum 1,50 mg Mo/kg • Zinc 0,056%

In general, it is applied in the following doses:

Tree crops: 1,2-1,5 t/ha • Vine: 0,6-1 t/ha • Kiwi: 1-1,6 t/ha • Watermelon: 1-1,5 t/ha • Potato: 1,2-1,8 t/ha • Tomato: 1-1,5 t/ha • Greenhouse crops: 1-2 t/ha • Vegetables: 1-1,5 t/ha

Euforia 12-12-18 + 1.2MgO + 0.49Fe + 0.18Mn + 0.17Zn + 34.3% Organic Matter

Improves the uptake and assimilation of nutrients by plants • Increases the rate of photosynthesis • Guarantees the successful establishment of young seedlings, robust and lush vegetation, while in later stages of growth it promotes flowering, increases fruit set and improves the quantitative and qualitative parameters of production • Favors the development of beneficial soil micro-organisms • Improves soil structure and water capacity.

Content

pH 5,7 • Electrical Conductivity 500 mS/cm • Organic Matter 34,3% • Total Nitrogen 12,8% • Phosphorus 12,5% • Potassium 18,9% • Magnesium 1,2% • Iron 0,49% • Manganese 0,18% • Zinc 0,17%

In general, it is applied in the following doses:

Tree crops: 1,2-1,5 t/ha • Vine: 0,6-1 t/ha • Kiwi: 1-1,6 t/ha • Watermelon: 1-1,5 t/ha • Potato: 1,2-1,8 t/ha • Tomato: 1-1,5 t/ha • Greenhouse crops: 1-2 t/ha • Vegetables: 1-1,5 t/ha

Euforia 10-9-18 + TE + 67% Organic Matter

Improves nitrogen use efficiency as well as the regulation of water management by the plant • Increases resistance to adverse abiotic factors • Improves plant growth and achieves increased yields due to the activation of enzymes involved in the formation of sugars, It facilitates the transfer of nutrients and metabolic products from the leaves to the fruit, increasing the sugar and starch content of the fruit in order to improve its quality • The high percentage of organic matter contained in the fruit ensures the preservation and availability of nutrients to meet the needs of the plants.

Content

pH 4,8 • Organic Matter 67,1% • Total Nitrogen 9,9% • Phosphorus 8,7% • Potassium 18,4% • Magnesium 0,9% • Iron 299 mg/kg • Manganese 16,7 mg/kg • Zinc 3222 mg/Kg • Organic Carbon 16,2%

In general, it is applied in the following doses:

Tree crops: 1,2-1,5 t/ha • Vine: 0,6-1 t/ha • Kiwi: 1-1,6 t/ha • Watermelon: 1-1,5 t/ha • Potato: 1,2-1,8 t/ha • Tomato: 1-1,5 t/ha • Greenhouse crops: 1-2 t/ha • Vegetables: 1-1,5 t/ha

Euforia 16-7-16 + 1.8MgO + 0.48Fe + 0.41 Mn + 0.27Zn + 37.7% Organic Matter

Complete fertilizer in the form of small homogeneous cylindrical pellets, containing as far as the macro-elements are concerned, nitrogen and potassium in a ratio of 1:1 together with a satisfactory phosphorus content, combined with magnesium and trace elements such as iron, manganese, zinc and copper. Its specialized composition is supplemented with 38% organic matter, which promotes the uptake and assimilation of nutrients by plants while improving the soil structure, in particular its permeability, aeration and water retention capacity.

Why do we choose it?

Improves photosynthetic activity as well as the regulation of water management by the plant • Ensures the biological activity of the soil by intensifying the multiplication and diversity of beneficial microorganisms in the rhizosphere • Increases resistance to adverse abiotic factors (drought, cold, soil salinity) by regulating the water balance within the plants and promoting root growth • Improves the qualitative and quantitative parameters of crop yields.



Content

pH 6,2 • Organic Matter 37,7% • Total Nitrogen 16,8% • Phosphorus 7,2% • Potassium 16,7% • Magnesium 1,8% • Iron 0,48% • Manganese 0,41% • Zinc 0,27%

In general, it is applied in the following doses:

Tree crops: 1,2-1,5 t/ha • Vine: 0,6-1 t/ha • Kiwi: 1-1,6 t/ha • Watermelon: 1-1,5 t/ha • Potato: 1,2-1,8 t/ha • Tomato: 1-1,5 t/ha • Greenhouse crops: 1-2 t/ha • Vegetables: 1-1,5 t/ha

Euforia 16-16-14 + 1MgO + TE + 43% Organic Matter

Comprehensive fertilizer, the result of Ikorganic's innovative approach to the production of a basic fertilization nutrition product from spent coffee grounds. It provides plants with nitrogen-phosphorus; potassium, magnesium, trace elements and a high percentage of organic substance.

Why do we choose it?

Uniform and balanced growth in crops • Improved nutrient availability • Good soil aeration and uniform application of the product due to the form of the fertilizer (pellet).



Content

pH 4,7 • Organic Matter 43,4% • Total Nitrogen 15,5% • Total Phosphorus 15,6% • Potassium 14,3% • Magnesium 1,1% • Trace elements (Fe, Mn, Zn)

In general, it is applied in the following doses:

Tree crops: 1,2-1,5 t/ha • Vine: 0,6-1 t/ha • Kiwi: 1-1,6 t/ha • Watermelon: 1-1,5 t/ha • Potato: 1,2-1,8 t/ha • Tomato: 1-1,5 t/ha • Greenhouse crops: 1-2 t/ha • Vegetables: 1-1,5 t/ha

Vitamin Sea Titan 8-22-7 + 11 CaO + TE + 48% Organic Matter

Innovative circular economy product derived from fish waste. It is an excellent source of organic phosphorus, nitrogen, calcium and potassium and provides the essential trace elements (iron, boron, manganese, molybdenum, zinc) for plant growth. It contains a high percentage of organic matter and organic carbon, which improve soil structure and encourage the growth of beneficial micro-organisms, keeping the soil alive.

Why do we choose it?

Satisfies the nutrient requirements of plants for Phosphorus • Increases the available forms of Phosphorus in the soil solution and makes Phosphorus readily assimilable by plants • Enhances flowering and fruiting • Accelerates growth and achieves stimulates soil microbial activity • Improves plant resistance to environmental stresses • The pellet form of the fertilizer promotes soil aeration and uniform application of the product in the field.



Content

pH 6 • Organic Matter 47,6% • Total Nitrogen 8% • Phosphorus 22% • Potassium 7,4% • Boron 0,07% • Iron 0,58% • Manganese 0,102% • Molybdenum 0,80 mg Mo/kg • Zinc 478 mg Zn/Kg • Organic Carbon 25,7%

In general, it is applied in the following doses:

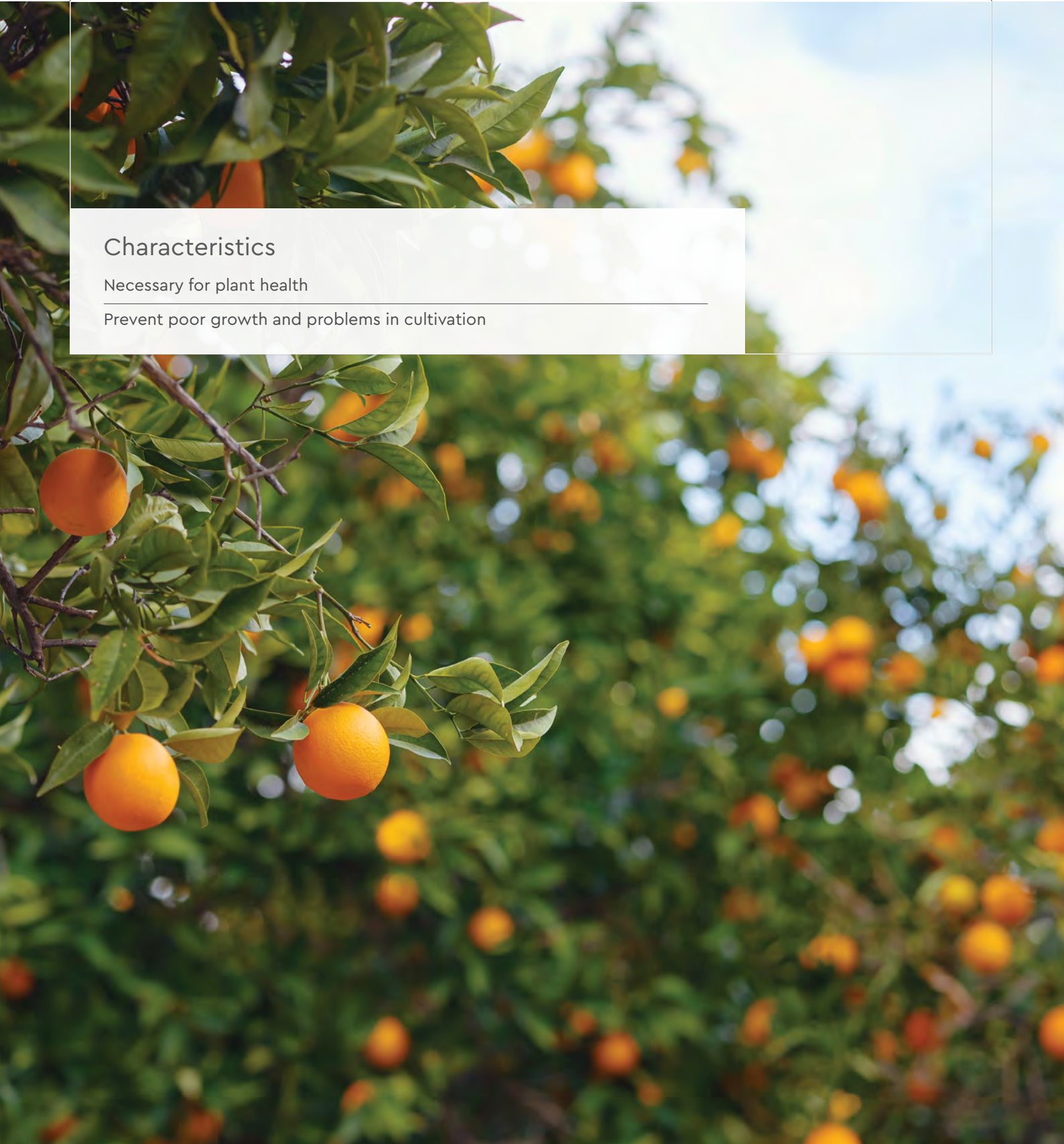
Tree crops: 1,5-3 kg per tree depending on their age • **Vine:** 0,6-1 t/ha • **Kiwi:** 1-1,6 t/ha • **Watermelon:** 1-1,5 t/ha • **Potato:** 1,2-1,8 t/ha • **Tomato:** 1-1,5 t/ha • **Greenhouse crops:** 1-2 t/ha • **Vegetables:** 1-1,5 t/ha

Trace elements

Characteristics

Necessary for plant health

Prevent poor growth and problems in cultivation





All Star Series

The All Star range includes innovative, organic, liquid biostimulants in various combinations of micronutrients B-Zn / B-Mo-Zn / B-Mo / Fe / Zn-Mn / Micro (Cu, B, Fe, Mo, Zn, Mn). They are products of cyclical and sustainable management of the substrate remaining after the cultivation of mushrooms (white mushrooms, *B. Agaricus bisporus* and *Pleurotus ostreatus*). In addition, they are enriched with extract of the algae *Ascophyllum nodosum*.

All Star Micro 0.41 Cu + 1.18 B + 1.54 Fe + 0.53 Mo + 1.36 Zn + 1.32 Mn + 19.9% Organic Matter

It contributes to the balanced nutrition of plants and promotes metabolic activities, thus maximizing the yield of the crop as well as the quality characteristics • Contains high levels of bioactive molecules (polysaccharides, polypeptides, proteins, phenolic compounds, vitamins, natural hormones) and nutrients which enhance the growth rate of the plants, improving all growth and yield parameters • Improves important physiological processes of the plants such as photosynthesis • Contains organic matter which improves the structure of the soil.

Content

pH 6,8 • Electrical Conductivity 175 $\mu\text{S}/\text{cm}$ •
Organic Matter 19,9% • Iron 1,54% • Copper 0,41%
• Boron: 1,18% • Molybdenum 0,53% • Zinc 1,36% •
Manganese 1,32%

In general, it is applied in the following doses:

Vegetables: Foliar: 100-200 cc in 100 liters of water
Fertigation: 10 liters per hectare

Olive trees, Tree crops: Foliar: 150-250 cc in 100
liters of water.

Fertigation: 10 liters per hectare



All Star B-Mo-Zn 2.66 B + 1.89 Mo + 0.87 Zn + 8% Organic Matter

Prevents symptoms associated with Boron, Molybdenum and Zinc deficiency • Contains high levels of bioactive molecules and nutrients that enhance the growth rate of plants by improving all growth and yield parameters • Improves important physiological processes of plants such as photosynthesis • Contains organic matter that improves soil structure.

Content

pH 6,5 • Electrical Conductivity 127 $\mu\text{S}/\text{cm}$ • Organic Matter 8% • Boron 2,66% • Molybdenum 1,89% • Zinc 0,87%

In general, it is applied in the following doses:

Vegetables: Fertigation: 15-20 liters per hectare. Foliar Application: 125cc in 100 liters of water.

Tree crops: Fertigation: 20 liters per hectare. Foliar Application: 150-200cc in 100 liters of water.



All Star B-Mo 2.15 B + 0.85 Mo + 5.8% Organic Matter

Content

pH 7,3 • Electrical Conductivity 94 $\mu\text{S}/\text{cm}$ • Organic Matter 5,8% • Boron 2,15% • Molybdenum 0,85%

In general, it is applied in the following doses:

Vegetables: Foliar: 100-200 cc in 100 liters of water. Fertigation: 10 lt/ha.

Olive trees, Tree crops:

Foliar: 100-200 cc in 100 liters of water. Fertigation: 10 lt/ha.



All Star B-Zn 1.43 B + 1.0 Zn + 6.1% Organic Matter

Prevents the appearance of symptoms associated with Boron and Zinc deficiency • Characterized by high bioavailability and gradual release of trace elements ensuring maximum crop requirements • Environmentally friendly since it does not contain chemical synthetics and due to its specialized composition prevents the loss of nutrients due to leaching • Improves plant tolerance to abiotic stresses (cold-warming).

Content

pH 7,7 • Electrical Conductivity 68 mS/cm • Organic Matter 6,1% • Boron 1,43% • Zinc 1,0%

In general, it is applied in the following doses:

Vegetables: Fertigation: 10-15 lt/ha. Foliar Application: 150-200cc in 100 liters of water.

Tree crops: Fertigation: 10-15 lt/ha. Foliar Application: 150-200cc in 100 liters of water..



All Star Zn-Mn 1.51 Zn + 1.49 Mn + 12.9% Organic Matter

Content

pH 8,2 • Electrical Conductivity 108 μ S/cm • Organic Matter 12,9% • Zinc 1,51% • Manganese 1,49%

In general, it is applied in the following doses:

Vegetables: Fertigation: 10-15 lt/ha. Foliar Application: 100-200cc in 100 liters of water.

Tree crops: Fertigation: Up to 10 lt/ha. Foliar Application: 100-200cc in 100 liters of water.



All Star Fe

Increases the rate of photosynthesis of plants • Gives an intense dark green color to the foliage of plants preventing the formation of young chlorotic leaves • Contains organic matter that improves soil structure • Characterized by high bioavailability and gradual release of trace elements ensuring maximum crop requirements.

Content

pH 5,9 • Electrical Conductivity 177 mS/cm • Organic Matter 27,6% • Iron 6,36%

In general, it is applied in the following doses:

Vegetables: Fertigation: 15-20 lt/ha. Foliar Application: 125cc in 100 liters of water.

Tree crops: Fertigation: 20 lt/ha. Foliar Application: 150-200cc in 100 liters of water.



Genius Cu 6%

It contributes to the absorption of other trace elements favoring yield and production quality • Maintains its activity in a wide pH range • In addition, the addition of bentonite to the product increases the effectiveness of GENIUS Cu 6% as it ensures the continuous and regulated release of Copper (Cu).

Content

pH 9,4 • Electrical Conductivity 1085 μ S/cm • Copper 6%

The recommended quantities are adjusted according to the intensity of the nutrient and the requirements of the crop as follows:

High requirements: Foliar (by spraying): 150 cc/100 liters. Fertigation: up to 3 lt/ha.

Medium requirements: Foliar (by spraying): 120cc/100 liters. Fertigation: up to 2,5 lt/ha.

Low requirements: Foliar (by spraying): 100 cc/100 liters. Fertigation: up to 2 lt/ha.

Recommended volume of dilution water for vegetables 500-1000 lt/ha and for tree crops 1500-2000 lt/ha.



Water Soluble Fertilizers

Characteristics

Fertilizers with rapid and complete solubility in water without precipitation effect. They are suitable for all fertigation systems.

Free of heavy metals and phytotoxic compounds

They are of low EC and free of dust



Four Seasons Series

The "Four Seasons" series includes water soluble, crystalline, complete N-P-K fertilizers enriched with secondary macronutrients as well as with micronutrients in chelated compound formulation (Chelated compounds EDTA, DTPA).

They are combined with the rest of Ikorganic products securing best quality and high yields.



Four Seasons 20-20-20+ TE

Fertilizer rich in nutritional elements (N-P-K) enriched with mixture of trace elements in chelated compound formulation, immediately absorbable by the plants • It secures rapid and progressive assimilation of nutrients by the plants • It is free of chlorides, it has low biuret concentration and low pH • It is suitable for all crops at several vegetative stages • Its application satisfies multiple targets such as improvement of root growth and shoots and the formation of high quality flowering buds and fruits.

Content

pH 4,6 • Total Nitrogen (N) 20% • Nitric Nitrogen (N-NO₃) 5,8% • Ammoniac Nitrogen (N-NH₄) 3,9% • Ureic Nitrogen (N-NH₂) 10,3% • Phosphorous Pentoxide (P₂O₅) 20% • Phosphorous Pentoxide (P₂O₅) water soluble 20% • Potassium Oxide (K₂O) 20% • Boron (B) 0,011% • Copper (Cu) 0,011% • Iron (Fe) 0,023% • Manganese (Mn) 0,011% • Molybdenum (Mo) 0,011% • Zinc (Zn) 0,011%

In general, it is applied in the following doses:

Fertigation: 25-50 kg/ha

Foliar Application: 1-3 kg/1000 lt water

Four Seasons 5-15-40 + 1MgO + TE

It accelerates the healthy and robust growth of the plants • It favors the transportation of carbohydrates from the leaves to fruits • It contributes to the growth of fruits and to high yield of crops • It improves the organoleptic characteristics of the fruits, the levels of sugars and the color of fruits securing a quality production • It secures balanced growth under low sunlight conditions preventing the formation of weak and elongated stems with small leaves.

Content

pH 2,5 • Total Nitrogen (N) 5% • Nitric Nitrogen (N-NO₃) 4,1% • Ammoniac Nitrogen (N-NH₄) 0,9% • Phosphorous Pentoxide (P₂O₅) 15% • Phosphorous Pentoxide (P₂O₅) water soluble 15% • Potassium Oxide (K₂O) 40% • Magnesium Oxide (MgO) 1% • Boron (B) 0,011% • Copper (Cu) 0,011% • Iron (Fe) 0,023% • Manganese (Mn) 0,011% • Molybdenum (Mo) 0,011% • Zinc (Zn) 0,011%

In general, it is applied in the following doses:

Fertigation: 25-50 kg/ha

Foliar Application: 1-3 kg/1000 lt water

Four Seasons 12-40-12 + 1MgO + TE

It contains full assimilable water soluble Phosphorus • It is ideal for the early stages of vegetative growth and it acts as a "starter" of the crops • It contributes to the development of a strong rooting system • It promotes the flowering, securing the uniformity of flowering, it prevents flower fall • It is suitable for soils of high pH. It secures a strong initiation of the crop • It achieves high yields.

Content

pH 4,4 • Total Nitrogen (N) 12% • Nitric Nitrogen (N-NO₃) 2,1% • Ammoniac Nitrogen (N-NH₄) 8,2% • Ureic Nitrogen (N-NH₂) 1,7% • Phosphorous Pentoxide Total (P₂O₅) 40% • Phosphorous Pentoxide water soluble (P₂O₅) 40% • Potassium Oxide (K₂O) 12% • Magnesium Oxide (MgO) 1% • Boron (B) 0,011% • Copper (Cu) 0,011% • Iron (Fe) 0,023% • Manganese (Mn) 0,011% • Molybdenum (Mo) 0,011% • Zinc (Zn) 0,011%

In general, it is applied in the following doses:

Fertigation: 25-50 kg/ha

Foliar Application: 1-3 kg/1000 lt water

Four Seasons 15-5-30 + 1MgO + TE

It is enriched with a mixture of microelements in chelated formulation, Magnesium (Mg) and Sulphur (S) • It favors the composition of chlorophyll, it secures high and quality yield • It is characterized by low pH and by low EC • It makes the nutrition elements fully assimilated by the plants • It develops healthy and resistant flowers against abiotic stress and diseases • It upgrades the quality of yields • It accelerates the improvement of organoleptic characteristics of fruits • It favors fruit setting and fruit growth.

Content

pH 5,6 • Total Nitrogen (N) 15% • Nitric Nitrogen (N-NO₃) 8,8% • Ammoniac Nitrogen (N-NH₄) 5,2% • Ureic Nitrogen (N-NH₂) 1% • Phosphorous Pentoxide Total (P₂O₅) 5% • Phosphorous Pentoxide water soluble (P₂O₅) 5% • Potassium Oxide (K₂O) 30% • Magnesium Oxide (MgO) 1% • Boron (B) 0,011% • Copper (Cu) 0,011% • Iron (Fe) 0,023% • Manganese (Mn) 0,011% • Molybdenum (Mo) 0,011% • Zinc (Zn) 0,011%

In general, it is applied in the following doses:

Fertigation: 25-50 kg/ha

Foliar Application: 1-3 kg/1000 lt water

Four Seasons 30-10-10 + 1MgO + TE

It secures the rapid and progressive assimilation of the nutrients from the plants • It is free of chlorides, it is of low pH and low EC • It favors the availability and assimilation of nutrients in alkaline soils • It accelerates the healthy and robust development of the plants • It favors the formation of leaves and shoots as well as the composition of proteins in the fruits.

Content

pH 4,5 • Total Nitrogen (N) 30% • Nitric Nitrogen (N-NO₃) 1,6% • Ammoniac Nitrogen (N-NH₄) 2,5% • Ureic Nitrogen (N-NH₂) 25,9% • Phosphorous Pentoxide Total (P₂O₅) 10% • Phosphorous Pentoxide water soluble (P₂O₅) 10% • Potassium Oxide (K₂O) 10% • Magnesium Oxide (MgO) 1% • Boron (B) 0,011% • Copper (Cu) 0,011% • Iron (Fe) 0,023% • Manganese (Mn) 0,011% • Molybdenum (Mo) 0,011% • Zinc (Zn) 0,011%

In general, it is applied in the following doses:

Fertigation: 25-50 kg/ha

Foliar Application: 1-3 kg/1000 lt water



Zero Waste Food

We fight against food waste by utilizing every plant or animal by-product, thus turning loss into gain. In this way, no food is wasted!



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