



*from Soil Preparation to Harvest "Asanta"*

# Organic, Organomineral, Chemical Plant Nutrition Products



Organic, Organomineral and Chemical  
Plant Nutrition Products

# Asanta Tarım / Corporate Milestones

Asanta Tarım was founded in 2011 by an experienced and professional group that has operated in the fields of import, export, production and manufacturing in the agricultural sector for more than 20 years and has achieved various national and international successes.

Asanta Tarım, with its experienced and professional technical staff, continues its research and development activities without interruption to increase the total efficiency and quality in plant production. At the same time, it develops its production facilities and capabilities in line with the needs in order to meet the increasing domestic and international demands of innovative, environmentally friendly, organic, organomineral and chemical "Plant Nutrition Products" with high quality standards developed by following the latest technologies and scientific research.

Asanta Tarım, with its expert and experienced staff in its field, continues its agricultural activities by always prioritizing 100% customer satisfaction and product and service quality with a wide range of innovative products that comply with national and international quality standards.

Our Management Policy; To keep customer satisfaction at the highest level in the products and services we provide, to manage customer feedback effectively, to meet needs on time by using our resources effectively and efficiently, to constantly improve our quality management system and to always keep our service quality at the highest level.

Our aim; To provide a solution-oriented, reliable, high-quality and prestigious service with our experienced and professional staff, to share innovations, developments, current technological knowledge and R&D results in the agricultural field with our producers and dealers, to ensure that our products with high quality standards and harmless to nature and the environment reach our valued producers. We would like to express our gratitude and respect to all our stakeholders at home and abroad who have trusted and supported us and contributed to our success.

**ASANTA TARIM END.DIS TIC.LTD.STİ.**  
**Selahattin KESKİNER**  
**Chairman of the board**



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# Bio-Terasol<sup>Plus</sup>

VEGETAL ORIGIN LIQUID ORGANIC FERTILIZER

## PRODUCT FEATURES

**Bio-Terasol Plus**, enhances the growth of plant roots, leaves and shoots growth. Organic matters make a positive effect on the soil structure and components. Accelerates the uptake of plant nutrients in the soil. Increases the cation exchange capacity of soil and allows easier uptake of fertilizers by plant. Regulates mechanisms involved in plant growth stimulation. Reinforces the structure of the organic matters in the soil. Corrects the physical and chemical structure of soil in the root zone of the plant. Increases the cation exchange capacity of soil soil in the root zone of the plant. Stimulates nutrient uptake and cell permeability. Strengthens the green parts of the plants when it used by foliar and helps to return back to normal green component deformed for any reason.

## MIXABILITY

Do not mix with coppers, sulphocalcic mixtures as with calcium, or with mineral oils without a previous essay. It can be mixed with pesticides, foliar fertilizers and micro-nutrients.

## GENERAL METHOD OF APPLICATION AND DOSAGE

- By the soil ( with drip irrigation ) : 2 - 2.5 Lt. / da
- By the foliar : 200-300 cc / 100 Lt. water

## PACKAGING SHAPE

5 LT - 20 LT - IBC

## GUARANTEED CONTENT

	%W/W
Total Organic Matter	: 40
Total Nitrogen (N)	: 1
Organic Carbon	: 18
Water Soluble Potassium Oxide (K2O)	: 2
pH range	: 4-6



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# Bio-Terasol

VEGETAL ORIGIN LIQUID ORGANIC FERTILIZER

## PRODUCT FEATURES

**Bio-Terasol**, enhances the growth of plant roots, leaves and shoots growth. Organic matters make a positive effect on the soil structure and components. Accelerates the uptake of plant nutrients in the soil. Increases the cation exchange capacity of soil and allows easier uptake of fertilizers by plant. Regulates mechanisms involved in plant growth stimulation. Reinforces the structure of the organic matters in the soil. Stimulates nutrient uptake and cell permeability. Strengthens the green parts of the plants when it used by foliar and helps to return back to normal green component deformed for any reason.

## MIXABILITY

Do not mix with coppers, sulphocalcic mixtures as with calcium, or with mineral oils without a previous essay. It can be mixed with pesticides, foliar fertilizers and micro-nutrients.

## GENERAL METHOD OF APPLICATION AND DOSAGE

- By the soil ( with drip irrigation ) : 3 - 4 Lt. / da
- By the foliar : 300-400 cc / 100 Lt. water

## PACKAGING SHAPE

5 LT - 20 LT - IBC

## GUARANTEED CONTENT

	%W/W
Total Organic Matter	: 25
Total Nitrogen (N)	: 1
Organic Carbon	: 12
Water Soluble Potassium Oxide (K2O)	: 1.5
pH range	: 4-6



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# Bio-Teradot

VEGETAL ORIGIN LIQUID ORGANIC FERTILIZER

## PRODUCT FEATURES

**Bio-Teradot** is a formula that uses only natural ingredients to create a unique pesticide and alternative that kills by contact and systemic effect. Bio-teradot maintains a preventive and curative action for the plants against many soil insects, nematodes and fungi with in natural organic ingredients derived from plant extracts and mixed oils. **Bio-Teradot** is a broad spectrum natural fungicide and nematocide that you can spray at the first sign of a fungus or bacteria problem. It can be applied anytime throughout the growing season. It can also be used as a seed treatment or a root dip. **Bio-Teradot** does not burn plants and no residue and no threat of phytotoxicity.

## MIXABILITY

Do not mix with coppers, sulphocalcic mixtures as with calcium, or with mineral oils without a previous essay. It can be mixed with pesticides, foliar fertilizers and micro-nutrients.

## GENERAL METHOD OF APPLICATION AND DOSAGE

- By the soil ( with drip irrigation ) : 2 - 2.5 Lt. / da
- By the foliar : 250-350 cc / 100 Lt. water

## PACKAGING SHAPE

1 LT - 5 LT

## GUARANTEED CONTENT

	%W/W
Total Organic Matter	: 24
Organic Carbon	: 9
Total Nitrogen (N)	: 1
Water Soluble Potassium Oxide (K2O)	: 1
pH range	: 4-6



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# Bio-Teramin

LIQUID ORGANIC FERTILIZER CONTAINING PLANT-DERIVED AMINO ACIDS.

## PRODUCT FEATURES

**Bio-Teramin** is a nutritional serum with high nutritive and biological value. It can rapidly penetrate plant tissues, ensuring the maximum amount of sugars and their optimal circulation into plant juices. It strengthens cell walls, reduces the freezing point of the cytoplasm, reinforces protein and hydrocarbon production, improves photosynthesis, reduces water quantity in plant tissues, and prevents ice crystal production. **Bio-Teramin** is suitable for all kinds of crops and is especially useful for recovering from any kind of stress caused by low and high temperatures, diseases, etc.

## MIXABILITY

Do not mix with copper, calcium sulphate blends. Do not use mineral oil or acids without preliminary testing. It can be mixed with pesticides, foliar fertilizers and micronutrients.

## GENERAL METHOD OF APPLICATION AND DOSAGE

- By the soil ( with drip irrigation ) : 400-500 cc / da
- By the foliar : 200-350 cc / 100 Lt. water

## PACKAGING SHAPE

1 LT - 5 LT - 20 LT - IBC

## GUARANTEED CONTENT

	%W/W
Total Organic Matter	: 30
Organic Carbon	: 12
Organic Nitrogen (N)	: 2
Water Soluble Potassium Oxide (K2O)	: 2
Free Amino Acids	: 6
pH range	: 4-6



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# Orzinas+ P

ORGANOMINERAL FERTILIZER WITH NP

## PRODUCT FEATURES

**Orzinas+P** is a specially developed product that contains organic matter, Zinc (Zn), Phosphorus (P), amino acids, and special activators in a single package. It enhances plant efficiency by promoting branching, inducing flowering, and aiding in root development. This contributes to stronger fruit setting and the formation of new fruit buds for the next season. With its low pH (1-3), it adjusts water pH, enhancing nutrient absorption and improving soil structure. The product further enhances soil physiochemical and biological characteristics, leading to increased root development and improved resource utilization. It stimulates fruiting, encourages root growth, and supports the development of beneficial soil microorganisms. Additionally, it plays a role in building proteins, supporting photosynthesis, improving fruit quality, and reducing susceptibility to diseases. The positive effects extend to soil structure, accelerating nutrient uptake, increasing stress resistance, and ultimately resulting in higher crop yield and improved seed germination.

## MIXABILITY

Do not mix with coppers, calcium, sulphocalcic mixtures, mineral oils and liquid fertilizer mixtures containing high ammonium nitrogen.

## GENERAL METHOD OF APPLICATION AND DOSAGE

- By the soil ( with drip irrigation ) : 1 - 1.5 Lt. / da
- By the foliar : 150-200 cc / 100 Lt. water

## PACKAGING SHAPE

1 LT - 5 LT - 20 LT - IBC

## GUARANTEED CONTENT

	%W/W
Total Organic Matter	: 15
Total Nitrogen	: 3
Organic Nitrogen	: 0,5
Ureic Nitrogen	: 2,5
Total Phosphorous Penta Oxide (P2O5)	: 7
Water Soluble Phosphorous Penta Oxide (P2O5)	: 7
Water Soluble Zinc ( Zn )	: 8
Max.Chlorine (Cl)	: 1
pH : 1-3	



# Grow-Set

ORGANOMINERAL FERTILIZER WITH NP

## PRODUCT FEATURES

**Grow-Set** is liquid organomineral fertilizer rich in organic materials, amino acids and special activators. It can be applied to soil or leaves, promoting root growth, blooming, and overall plant development. It ensures abundant, high-quality yields by stimulating fruiting, root growth, and contributing to vegetal parts and fruit walls. It aids protein synthesis, enhances photosynthesis, improves fruit quality, and reduces diseases. Additionally, **Grow-Set** promotes starch formation, proper root development, and increases resistance to stress, resulting in enhanced crop yield and improved seed germination. Particularly effective for mature fruit trees and greenhouse cultivation, it rejuvenates by stimulating dead tissue cells. When used with insecticides, fungicides, and herbicides, **Grow-Set** enhances treatment effectiveness, ensuring long-lasting protection and actively preventing medication stress. With its low pH feature (1-3), **Grow-Set** optimizes water pH, enhancing the availability of essential plant nutrients.

## MIXABILITY

\*Do not mix with coppers, mineral oils, calcium or sulphur. Could be mixed with copper containing preparations while using with olive. Could be mixed with fungicides/insecticides/herbicides

## GENERAL METHOD OF APPLICATION AND DOSAGE

- By the soil ( with drip irrigation ) : 300 - 500 cc / da
- By the foliar : 150-300 cc / 100 Lt. water

## PACKAGING SHAPE

1 LT - 5 LT - 20 LT - IBC

## GUARANTEED CONTENT

	%W/W
Total Organic matter	: 25
Total Nitrogen (N)	: 3
Ureic Nitrogen	: 2,5
Organic Nitrogen (N)	: 0,5
Total Phosphorus Pentaoxide(P2O5)	: 10
Water Soluble Phosphorus pentaoxide (P2O5)	: 10
Water Soluble Boron (B)	: 0,01
Water Soluble Iron (Fe)	: 0,02
Water Soluble Manganese (Mn)	: 0,01
Water Soluble Molybdenum (Mo)	: 0,01
Water Soluble Zinc (Zn)	: 0,01
Max.Chlorine (Cl)	: 0,5
pH: 1-3	



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# Alginas

LIQUID SEA ALGAE

## PRODUCT FEATURES

**Alginas** is produced using the well-known *Ascophyllum Nodosum* seaweed obtained from the depths of the northern hemisphere. Due to its high organic matter content, it enhances the number of beneficial microorganisms and microbial activity in the soil. This, in turn, strengthens the plant's root systems, enabling it to absorb more nutrients and water from the soil. **Alginas** has a direct impact on plant rooting, the development of robust branches and green parts, shoot growth, flowering, fruit set, and product quality. It elevates the chlorophyll level in the plant, promoting increased photosynthesis and ensuring a healthy and robust plant structure. Moreover, **Alginas** minimizes the adverse effects of pesticides on plants and maximizes pesticide effectiveness. It enhances the plant's resistance against diseases and harmful insects."

## MIXABILITY

It can be mixed with many fertilizers and pesticides. It is recommended to test before mixing.

## GENERAL METHOD OF APPLICATION AND DOSAGE

- By the soil ( with drip irrigation ) : 1.5 - 2 Lt. / da
- By the foliar : 200-300 cc / 100 Lt. water

## PACKAGING SHAPE

1 LT - 5 LT - 20 LT

## GUARANTEED CONTENT

	%W/W
Organic Matter	: 25
Water Soluble Potassium Oxide (K <sub>2</sub> O)	: 6
Alginic acid	: 0,6
Gibberellic acid	: 10 ppm
Maximum EC (dS/m)	: 21
pH range	: 8-10



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9-18-10+(2MgO)+ME

# PowerFull +AS

ORGANOMINERAL FERTILIZER WITH NP

## PRODUCT FEATURES

**PowerFull + AS** is a composition of Nitrogen (N), Phosphorus (P), Potassium (K), as well as a potent source of trace elements. It is a specially developed product designed to resolve the deficiency of both macro and micro nutrients in fruit orchards, pistachios, olives, greenhouses, open field vegetables and industrial crops. **PowerFull + AS** is a well-balanced solid fertilizer with added ingredients to promote the strength and health of plants, aiming to achieve optimal results in agricultural applications. It contributes to the formation of robust and resistant cell walls and vascular systems in plants, thereby reducing preharvest fruit drop losses. **PowerFull+AS**, ensures proportional and balanced growth for the vegetative parts, flowers, and fruits of plants. It positively influences productivity by promoting flowering and fruit setting, enhancing the quality of flowers and fruits. Additionally, it contributes to the development of plant roots and increases the sugar content in fruits.

## MIXABILITY

Do not mix with coppers, sulphocalcic mixtures as with calcium's, or with mineral oils without a previous essay. It can be mixed with pesticides, foliar fertilizers and micro-nutrients.

## GENERAL METHOD OF APPLICATION AND DOSAGE

- By the soil ( with drip irrigation ) : 0.5 - 1 Kg / da
- By the foliar : 100 gr / 100 Lt. water

## PACKAGING SHAPE

1 KG - 5 KG

## GUARANTEED CONTENT

	%W/W
Total Nitrogen (N)	: 9
Amonium Nitrogen (NH <sub>4</sub> -N)	: 4
Nitrat Nitrogen (NO <sub>3</sub> -N)	: 2
Üreic Nitrogen (Nh <sub>2</sub> -N)	: 3
Water Soluble Phosphorus Pentaoxid (P <sub>2</sub> O <sub>5</sub> )	: 18
Water Soluble Potassium oxid (K <sub>2</sub> O)	: 10
Water Soluble Magnesium Oxid (MgO)	: 2
Water Soluble Boron (B)	: 1
Water Soluble Iron (Fe)	: 3
Water Soluble Manganese (Mn)	: 1
Water Soluble Molybdenum (Mo)	: 0,04
Water Soluble Zinc (Zn)	: 2



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# POLYCROP 12-15-9+ME

COLLATED NPK FERTILIZER

## PRODUCT FEATURES

**POLYCROP** prevents excessive elongation and promotes flowering when used in the recommended dosage in vegetable cultivation. By shortening the internodal space, it enhances productivity in production. **POLYCROP** promotes vegetative growth while enhancing fruition, flowering, and fruit fattening. It revitalizes flowers, improving air circulation and aiding efficient pollen transfer. The higher percentage of fruit setting and the production of high quality fruit result in a greater yield of high caliber fruits.

The fertilizer's specific action in flowering and fruit setting increases both yield and quality, ultimately positively impacting crop productivity. It can be applied to boost production, achieve homogen flowers, and enhance fruit quality. **POLYCROP** also contributes to the formation of robust cell walls and vascular systems in plants, reducing pre-harvest fruit drop.

## MIXABILITY

Do not mix with coppers, calcium sulphates mixtures. Do not use with mineral acids and oils without a previous essay. It can be mixed with pesticides, foliar fertilizers and micro-nutrients.

## GENERAL METHOD OF APPLICATION AND DOSAGE

- By the foliar : 40-60 gr / 100 Lt. water

## PACKAGING SHAPE

500 Gr.

## GUARANTEED CONTENT

	%W/W
Total Nitrogen (N)	: 12
Ammonium Nitrogen (NH4-N)	: 11
Ureic Nitrogen (NH2-N)	: 1
Water Soluble Phosphorus Pentaoxide (P2O5) in the Neutral Ammonium Citrate	: 15
Water Soluble Potassium Oxide (K2O)	: 9
Water Soluble Zinc (Zn)	: 3



# PolyRoot 8-28-0+ME

NP FERTILIZER ( BLENDED )

## PRODUCT FEATURES

**PolyRoot** promotes the formation of new and absorptive root hair in the root system. It keeps root development continuously active. It provides positive effects on the plant during the treatment of wounds occurring in the root system for various reasons and in the renewal process. It resolves issues in the root system that arise due to incorrect fertilization and irrigation. It helps the plant resist diseases. It ensures the balance of both vegetative and generative developments in plants with regular use throughout the season.

## MIXABILITY

Do not mix with coppers, sulphocalcic mixtures as with calciums, or with mineral oils without a previous essay. It can be mixed with pesticides, foliar fertilizers and micro-nutrients.

## GENERAL METHOD OF APPLICATION AND DOSAGE

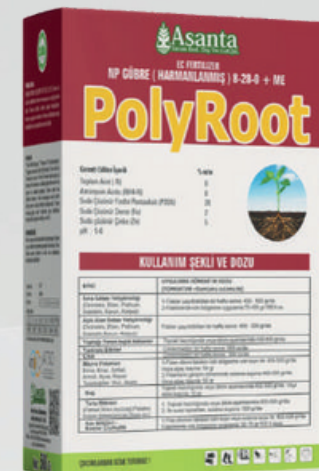
- By the soil ( with drip irrigation ) : 500 Gr. / da

## PACKAGING SHAPE

500 Gr.

## GUARANTEED CONTENT

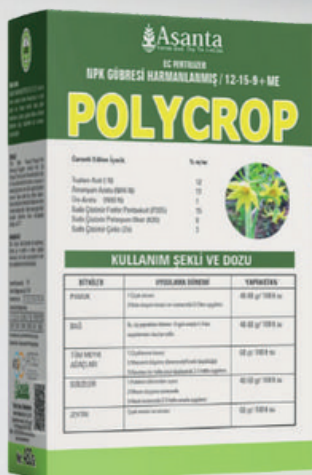
	%W/W
Total Nitrogen (N)	: 8
Amonium Nitrogen (NH4-N)	: 8
Water Soluble Phosphorus Pentaoxide (P2O5) in the Neutral Ammonium Citrate	: 28
Water Soluble Iron (Fe)	: 2
Water Soluble Zinc (Zn)	: 5
pH range	: 5-6



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# Phyto-Fos 3-42-0

NP FERTILIZER SOLUTION

## PRODUCT FEATURES

**Phyto-Fos**, thanks to its specially developed formula, ensures that Phosphorus (P2O5) is rapidly and effectively transported to the plant's system in a short period. It promotes abundant, fine root hair formation in the plant roots and prevents the spread of diseases. The seedlings in the viols, when dipped in a solution prepared with **Phyto-Fos** (3cc/lit) specifically for the root zone during seedling transplantation and diversion, help the plant adapt to the soil under potential stress conditions and create a preventive environment against diseases. **Phyto-Fos** disinfects the root zone, enhances plant resistance against diseases and pests. It increases cellular division, protein, and carbohydrate production in crops, activating the hormones the plant needs at that moment. For plant varieties with a high flowering desire, **Phyto-Fos** ensures maximum flowering. It plays a role in achieving quality and homogeneous flowering, contributing to the formation of a healthy fruit set.

## MIXABILITY

Do not mix with coppers, calcium sulphates mixtures. Do not use with mineral acids and oils without a previous essay. It can be mixed with pesticides, foliar fertilizers and micro-nutrients.

## GENERAL METHOD OF APPLICATION AND DOSAGE

- By the soil ( with drip irrigation ) : 500 cc / da
- By the foliar : 100 cc / 100 Lt. water

## PACKAGING SHAPE

1 LT - 5 LT - 20 LT - IBC

## GUARANTEED CONTENT

	%W/W
Total Nitrogen	: 3
Ureic Nitrogen (NH2-N)	: 3
Water Soluble Phosphorous Penta Oxide (P2O5)	: 42



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# Phyto-Set

NK FERTILIZER SOLUTION

## PRODUCT FEATURES

**Phyto-Set** is a liquid leaf fertilizer that serves a dual function within the plant. On one hand, it operates as a potent nutrient due to the high concentration of Phosphorus and Potassium fortified with organic ion activators in its content; on the other hand, it functions as a stimulant for the production of phytoalexins, enhancing the plant's defense against fungal pathogens. It has a significant impact on controlling certain cryptogamic pathogens, contributing to the prevention of diseases and pests while enhancing the plant's defense capacity and resistance. It is particularly recommended to stimulate the development of reproductive organs (fructification process) during flowering and fruit formation periods in flowers and fruits. It promotes rapid root growth, encouraging good flowering, fruit setting, and coloring with its stimulating effect on the plant. It strongly influences the quantity, weight, and quality of seeds and fruits in a positive manner. While increasing cell division, protein, and carbohydrate production in plants, it also enhances the production of all necessary hormones the plant requires during these periods.

## MIXABILITY

Do not mix with coppers, calcium sulphates mixtures. Do not use with mineral acids and oils without a previous essay. It can be mixed with pesticides, foliar fertilizers and micro-nutrients.

## GENERAL METHOD OF APPLICATION AND DOSAGE

- By the soil ( with drip irrigation ) : 1 - 1.5 Lt. / da
- By the foliar : 100-250 cc / 100 Lt. water

## PACKAGING SHAPE

1 LT - 5 LT - 20 LT - IBC

## GUARANTEED CONTENT

	%W/W
Total Nitrogen	: 3
Ureic Nitrogen (NH2-N)	: 3
Water Soluble Potassium Oxide (K2O)	: 20



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# Macronit

NITROGEN FERTILIZER SOLUTION

## PRODUCT FEATURES

**Macronit** is a product specifically formulated with a Nitrogen (N) composition that allows for application through foliar and drip irrigation without causing drying or burns in plants. It can be quickly and effectively absorbed by the plant. Designed to meet the Nitrogen (N) needs during the vegetative growth period of plants, it is an ideal fertilizer for green-leaved plants with a high demand for nitrogen. It facilitates the rapid growth of plants by initiating protein and enzyme synthesis. Particularly beneficial for open-field cultivation and plants with green foliage, it ensures earliness and increases the number of harvests.

## MIXABILITY

Do not mix with coppers, sulphocalcic mixtures as with calcium, or with mineral oils without a previous essay. It can be mixed with pesticides, foliar fertilizers and micro-nutrients.

## GENERAL METHOD OF APPLICATION AND DOSAGE

- By the soil ( with drip irrigation ) : 1 - 3 Lt. / da
- By the foliar : 100-300 cc / 100 Lt. water

## PACKAGING SHAPE

1 LT - 5 LT - 20 LT - IBC

## GUARANTEED CONTENT

	%W/W
Total Nitrogen (N)	: 20
Nitric Nitrogen (NO <sub>3</sub> -N)	: 5
Ammonia Nitrogen (NH <sub>4</sub> -N)	: 4
Ureic Nitrogen (NH <sub>2</sub> -N)	: 11



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# MacroMix 3-24-0

NP FERTILIZER SOLUTION

## PRODUCT FEATURES

**MacroMix 3-24-0** is a well-designed liquid starter fertilizer for young plants, aimed at achieving optimal results in agricultural applications. It is a highly concentrated solution based on phosphorus, containing Nitrogen and Amino acids. It contributes to the development of plant roots and increases the sugar content in fruits. It ensures proportional and balanced growth for the green parts of plants, flowers, and fruits, improving the quality of flowers and fruits. **MacroMix 3-24-0** also enhances the natural defenses of plants and stimulates the synthesis of phytoalexin, strengthening the plant's resistance against attacks from fungi or bacteria pathogens.

## MIXABILITY

Do not mix with coppers, sulphocalcic mixtures as with calcium, or with mineral oils without a previous essay. It can be mixed with pesticides, foliar fertilizers and micro-nutrients.

## GENERAL METHOD OF APPLICATION AND DOSAGE

- By the soil ( with drip irrigation ) : 2 - 3 Lt. / da
- By the foliar : 200-300 cc / 100 Lt. water

## PACKAGING SHAPE

1 LT - 5 LT - 20 LT - IBC

## GUARANTEED CONTENT

	%W/W
Total Nitrogen	: 3
Ureic Nitrogen (NH <sub>2</sub> -N)	: 3
Water Soluble Phosphorous Penta Oxide (P <sub>2</sub> O <sub>5</sub> )	: 24



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# Fully Kalium

POTASSIC SOLUTION

## PRODUCT FEATURES

**Fully Kalium** is a specialized product designed to address potassium deficiency. Thanks to its specially developed formula and appropriate pH level (5.5-6.5), Potassium (K<sub>2</sub>O) is easily and quickly absorbed by plants. It has positive effects on the quality factors of fruits and vegetables, such as taste and color. With its expansive feature, it increases the fruit mass. It aids in the formation of protein structure and photosynthesis, contributing to the reduction of diseases. It strengthens the plant's resistance to drought, frost, and cryptogamic diseases. Furthermore, it reinforces the root system to enhance mechanical resistance, playing a crucial role in the filling and ripening process of fruits.

## MIXABILITY

Do not mix with coppers, sulphocalcic mixtures as with calciums, or with mineral oils without a previous essay.

## GENERAL METHOD OF APPLICATION AND DOSAGE

- By the soil ( with drip irrigation ) : 1 - 3 Lt. / da
- By the foliar : 150-300 cc / 100 Lt. water

## PACKAGING SHAPE

1 LT - 5 LT - 20 LT - IBC

## GUARANTEED CONTENT

Water Soluble Potassium Oxide (K<sub>2</sub>O)

%W/W

: 30

# Kalium-K

POTASSIC SOLUTION

## PRODUCT FEATURES

**Kalium-K** is a corrective product for potassium deficiency and presented as a highly concentrated liquid solution that also contains highly concentrated sulfur (SO<sub>3</sub>). Kalium (K) affects various quality factors of fruits and vegetables, such as taste and color. It helps in the building of protein, photosynthesis, fruit quality, and the reduction of diseases. Kalium-K fortifies resistance against drought, frost, and cryptogamic diseases. In addition to increasing the mechanical resistance of the stem, it also strengthens the root system and plays a role in the filling out and ripening process of the fruit. Kalium-K enhances the physiochemical and biological characteristics of the soil, increasing root development and permitting better use of available resources. This, in turn, results in an increase in crop yield and an improvement in crop quality within an agricultural context.

## MIXABILITY

Do not mix with coppers, calcium sulphates mixtures. Do not use with mineral acids and oils without a previous essay. Do not mix with strongly acidic products. It is recommended to apply alone.

## GENERAL METHOD OF APPLICATION AND DOSAGE

- By the soil ( with drip irrigation ) : 1.5 - 2 Lt. / da
- By the foliar : 300-500 cc / 100 Lt. water

## PACKAGING SHAPE

1 LT - 5 LT - 20 LT - IBC

## GUARANTEED CONTENT

Water Soluble Potassium Oxide (K<sub>2</sub>O)

%W/W

: 25



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# Bor-Ca

CALCIUM CHLORIDE SOLUTION

## PRODUCT FEATURES

**Bor-Ca** is a special product that contains a high amount of Calcium (Ca) and Boron (B). Calcium is an immobile element. Thanks to its special formulation, Bor-Ca quickly transports the high amount of calcium in its content to the plant, meeting the calcium needs at the maximum level. It ensures the robust weaving of plant cell tissues, preventing fruit cracking by creating a rigid and solid structure on the fruit and extending the storage life. It provides physical strength to plants under adverse stress conditions. It is effective in regulating hybrid imbalances that cause blossom-end rot in tomato, cucumber, and pepper varieties. It is effective in preventing spotting in tomatoes. It prevents necrosis in green leafy vegetables.

## MIXABILITY

Do not mix with compounds containing sulphates and phosphates, mineral acids such as Nitric or Phosphoric acids, coppers or mineral oils.

## GENERAL METHOD OF APPLICATION AND DOSAGE

- By the soil ( with drip irrigation ) : 1.5 - 2 Lt. / da
- By the foliar : 300-400 cc / 100 Lt. water

## PACKAGING SHAPE

1 LT - 5 LT - 20 LT - IBC

## GUARANTEED CONTENT

Water Soluble Calcium oxide (CaO)	%W/W : 15
Water Soluble Boron (B)	: 1

# Boreton

BORON ETANOL AMIN

## PRODUCT FEATURES

**Boreton**, with its special formulation and high boron content, is a plant fertilizer that has a positive impact on plants in the agricultural context. It supports the healthy growth and development of plants. Boron plays a crucial role in the photosynthesis process of plants, allowing them to efficiently harness solar energy to produce energy. Additionally, it plays a critical role in the processes of flowering and fruit formation. **Boreton** contributes to plants producing fruit in a healthier and more efficient manner. It supports the strength and resistance of plant cell walls. It contributes to the formation of healthy seeds and increases plants' resistance to various diseases. This ensures that plants are healthier and more resilient.

## MIXABILITY

Do not mix with strongly oxidizing agents, coppers, aluminum, or calcium sulphates nor is it recommendable to mix with acids, oils or strong bases.

## GENERAL METHOD OF APPLICATION AND DOSAGE

- By the soil ( with drip irrigation ) : 500 cc / da
- By the foliar : 100-300 cc / 100 Lt. water

## PACKAGING SHAPE

1 LT - 5 LT - 20 LT - IBC

## GUARANTEED CONTENT

Water Soluble Boron (B)	%W/W : 11
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# MicroMix

MICTURE OF MICRO PLANT NUTRIENTS

## PRODUCT FEATURES

**MicroMix** is a specialized product with a rich content that quickly meets the micro-nutrient (trace element) needs of plants. MicroMix readily dissolves in water with its special organic chelation technology, without causing sedimentation. It exhibits effectiveness across a wide pH range. It does not show phytotoxic effects and leaves no residues. Being applicable both to the soil and foliage, it ensures the attainment of maximum quality in flower and fruit structure. When applied at recommended doses, it can be mixed with various agricultural chemicals and fertilizers. However, it is advised to conduct a preliminary test before transferring it to the mixing tank.

## MIXABILITY

Do not mix with coppers, sulphocalcic mixtures as with calcium, or with mineral oils without a previous essay. It can be mixed with pesticides, foliar fertilizers and micro-nutrients.

## GENERAL METHOD OF APPLICATION AND DOSAGE

- By the soil ( with drip irrigation ) : 0.5 - 1.5 Kg / da
- By the foliar : 75-100 gr / 100 Lt. water

## PACKAGING SHAPE

1 KG - 5 KG - 10 KG

## GUARANTEED CONTENT

	%W/W
Water Soluble Boron (B)	: 1,5
Water Soluble Copper (Cu)	: 0,5
Water Soluble Iron (Fe)	: 4
Water Soluble Manganese (Mn)	: 3
Water Soluble Molybdenum(Mo)	: 0,06
Water Soluble Zinc (Zn)	: 4



# MicroFer 13+AS

IRON SALT (CONTENT: IRON SULFATE)

## PRODUCT FEATURES

**MicroFer 13+AS** is an "Organic Chelated" iron produced through a special molecular coating method developed by our company, without disrupting the chemical structure of the soil. It contains a high amount of iron in an easily absorbable form for plants through our unique organic chelation process. It addresses chlorosis in plants caused by iron deficiency. It can be applied both from the soil and from the leaves. This provides broad use for different plant species and growth stages. Facilitates the absorption of existing nutrient elements in the soil into the plant.

## MIXABILITY

Do not mix with coppers, sulphocalcic mixtures as with calcium, or with mineral oils without a previous essay. It can be mixed with pesticides, foliar fertilizers and micro-nutrients.

## GENERAL METHOD OF APPLICATION AND DOSAGE

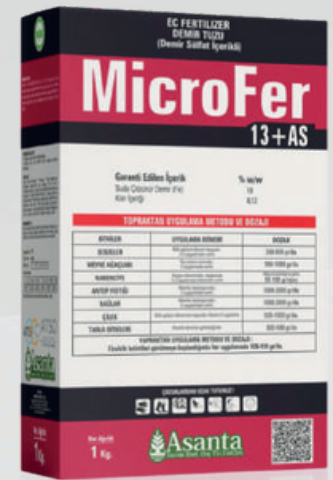
- By the soil ( with drip irrigation ) : 500 Gr - 1 Kg / da
- By the soil ( for per tree ) : 50-100 gr / according to tree size
- By the foliar : 100-150 gr / da

## PACKAGING SHAPE

1 KG - 5 KG - 10 KG

## GUARANTEED CONTENT

	%W/W
Water Soluble Iron (Fe)	: 13



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# Ferrolin Plus

IRON CHELATE-EDDHA

EDDHA %6

## PRODUCT FEATURES

**Ferrolin Plus** is a fertilizer containing EDDHA-chelated iron, designed for periods when plants require meeting their Iron (Fe) needs and addressing deficiencies. It is in a form that plants can quickly and easily absorb. Even in calcareous soils, **Ferrolin Plus** is completely soluble and can be rapidly absorbed by plant roots. It is resistant to soil microorganisms and maintains its effectiveness throughout the entire production process. **Ferrolin Plus** corrects chlorosis due to iron deficiency and prevents the formation of chlorosis for an extended period.

## MIXABILITY

Do not mix with coppers, sulphocalcic mixtures as with calcium, or with mineral oils without a previous essay. It can be mixed with pesticides, foliar fertilizers and micro-nutrients.

## GENERAL METHOD OF APPLICATION AND DOSAGE

- By the soil ( with drip irrigation ) : 250 - 500 gr / da
- By the soil ( for per tree ) : 50-200 gr / according to tree size

## PACKAGING SHAPE

1 KG - 5 KG

## GUARANTEED CONTENT

	%W/W
Water Soluble Iron (Fe)	: 6
Chalated Iron (Fe) with EDDHA	: 6
Stable pH range of EDDHA Chelate for Iron (Fe)	: 3-10



# Ferrolin EDTA%6

IRON CHELATE-EDTA

## PRODUCT FEATURES

**Ferrolin EDTA %6** contains EDTA-chelated iron, which is quickly and effectively absorbed by plants, thus rapidly correcting iron deficiency. It meets the iron needs of plants with its long-lasting effect and prevents chlorosis with regular use. It can be applied both from the soil and from the leaves. This provides broad use for different plant species and growth stages.

## MIXABILITY

Do not mix with coppers, sulphocalcic mixtures as with calcium, or with mineral oils without a previous essay. It can be mixed with pesticides, foliar fertilizers and micro-nutrients.

## GENERAL METHOD OF APPLICATION AND DOSAGE

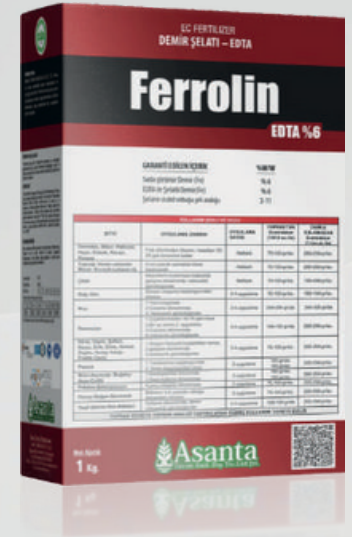
- By the soil ( with drip irrigation ) : 200 - 250 gr / da
- By the foliar : 75-100 gr / da.

## PACKAGING SHAPE

1 KG - 5 KG

## GUARANTEED CONTENT

	%W/W
Water Soluble Iron (Fe)	: 6
Chalated Iron (Fe) with EDTA	: 6
Stable pH range of EDTA Chelate for Iron (Fe)	: 3-10



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# Cuprasin

CUPPER FERTILIZER SOLUTION ( WITH CUPPER NITRATE )

## PRODUCT FEATURES

**CUPRASIN** is a fertilizer solution with systemic effective copper and also incorporating nanotechnology that can be easily and completely absorbed by the plant's roots and leaves. **CUPRASIN** contains Copper Nitrate (Cu) as the main component along with nanoparticulate Colloidal Silver (Ag). It features a formulation that combines the antibacterial and antifungal properties of both metals (Cu & Ag). As a natural alternative to biocidal chemicals, it is easily and rapidly absorbed and transportable by the plant's leaves and roots due to its systemic nature. With its mechanism of antibacterial and antifungal action, it provides a natural and effective solution in combating various harmful microorganisms, offering efficient control without harming human health, nature, and the environment. By activating the plant's defense system, it protects plants against diseases and enhances their resistance. It does not cause phytotoxicity during the flowering period of fruits and vegetables. Thanks to this feature, it can be safely used during the flowering period of fruits and vegetables.

## MIXABILITY

It does not mix with strong alkali (Bordeaux Slurry) and acidic drugs. It can be mixed with other plant nutrition products and many pesticides. It is recommended to be tested before mixing or used alone.

## GENERAL METHOD OF APPLICATION AND DOSAGE

- By the soil ( with drip irrigation ) : 0.5 - 1 Lt. / da
- By the foliar : 75-100 cc / 100 Lt. water

## PACKAGING SHAPE

1 LT - 5 LT - 20 LT - IBC

## GUARANTEED CONTENT

Water Soluble Copper (Cu)

%W/W

: 6

## OTHER AUXILIARY INGREDIENTS

- Colloidal Silver Water (AG) etc.

# DIOACTIVE

MIXTURE OF BOTANICAL OILS

## PRODUCT FEATURES

**DIOACTIVE** is a specialized product crafted from organic vegetable oils and organic acids. It is a product with a unique feature of reducing the surface tension of plant leaves, thereby enhancing the effectiveness of applications through powerful ion solvents, and increasing the uptake capacity of pesticides and nutrient elements. Derived from botanical vegetable oils and essences, **DIOACTIVE** acts as a contact-effective organic miticide and insecticide. Complete coverage of the plant with the product is crucial. **DIOACTIVE** keeps the plant under control against phytophagous mites (plant-feeding pests), eggs, nymphs (larvae on leaves), and other harmful pests. In leaf fertilization and pesticide applications, it enhances the plant's nutrient and pesticide uptake capacity by cleaning plant leaf surfaces and promoting stomatal opening. Fertilizers and pesticides spread evenly on the plant like a film layer, adhering to the plant and allowing the applied fertilizers and pesticides to stay on the plant surface for an extended period. This film layer protects fertilizers and pesticides from physical effects such as evaporation, rain, wind, etc.

## MIXABILITY

Do not mix with coppers, mineral oils, permanganates or polysulphures

## GENERAL METHOD OF APPLICATION AND DOSAGE

- By the foliar ( with pesticides ) : 100 - 150 cc / 100 Lt. water
- By the foliar ( when used alone ) : 200 - 250 cc / 100 Lt. water

## PACKAGING SHAPE

500 cc.

## ACTIVE INGREDIENTS

- Botanical Essential Oils, Organic Plant Extracts, etc.

## OTHER AUXILIARY INGREDIENTS

- Carboxyl Group Organic Acids, Amino Acids, Seaweed, Surfactant Organic Active Ingredients, etc.



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# Break-Salt

SALINITY CORRECTOR , LIME REMOVER , PH REGULATOR

## PRODUCT FEATURES

Break-Salt is a developed product designed for the amelioration of soils with high salinity and the reduction of elevated pH levels in irrigation water. It creates a conducive environment for plant cultivation by addressing the primary challenges associated with saline soils. It facilitates the exchange of Sodium (Na) ions with Calcium (Ca) ions in the soil. By eliminating Sodium ions (Na) from the soil, Break-Salt aids in the absorption of essential plant nutrients by the plant roots, promoting root relaxation, and facilitating the formation of new lateral roots. Also, it eases the uptake of vital plant nutrients others bound in the soil. **Break-Salt** also serves to remove the lime content in irrigation water and lowers its pH in irrigation systems. Consequently, it not only enhances the absorption of plant nutrients present in fertilizers applied with irrigation water but also prevents clogging of emitters in drip irrigation systems. This dual action promotes efficient nutrient utilization by plants and ensures uninterrupted water flow in irrigation systems.

## MIXABILITY

Do not mix with compounds containing sulphates and phosphates, mineral acids such as Nitric or Phosphoric acids, coppers or mineral oils. It is recommended to use alone.

## GENERAL METHOD OF APPLICATION AND DOSAGE

- By the soil ( with drip irrigation ) : 1.5 - 2 Lt. / da

It is a concentrated solution and should only be used in conjunction with irrigation water.

## PACKAGING SHAPE

5 LT - 20 LT - IBC

## ACTIVE INGREDIENTS

- Carboxyl Group Organic Acids, Amino Acids, Calcium (Ca) etc.

# Terasol-Ca PLUS

CALSIYUM CLORIDE SOLUTION

## PRODUCT FEATURES

**Terasol-Ca Plus** is a specialized calcium-based fertilizer designed to facilitate the absorption of essential micronutrients by plants, promoting root health, and stimulating the development of new roots and root branches. Due to its high calcium content and easy absorption, Terasol-Ca Plus is an effective solution for addressing urgent calcium needs through foliar and soil application. **Terasol-Ca Plus**, with its carboxylic acids compounds, exhibits positive effects against chlorine (Cl-) and other toxic sodium salts such as carbonates and bicarbonates (CO<sub>3</sub>= and COH-). It enhances the permeability and structure of saline-sodium-affected soil by reducing the concentration of sodium cations (Na+), resulting in improved soil quality. It promotes optimal air and water circulation in the soil, contributing to a healthier plant environment. Furthermore, it prevents the formation of scabs and cracks in saline soil, ensuring the overall integrity of the soil structure.

## MIXABILITY

Do not mix with compounds containing sulphates and phosphates, mineral acids such as Nitric or Phosphoric acids, coppers or mineral oils. It is recommended to use alone.

## GENERAL METHOD OF APPLICATION AND DOSAGE

- By the soil ( with drip irrigation ) : 1.5 - 2 Lt. / da
- By the foliar : 100-200 cc / 100 Lt. water

It is a concentrated solution and should only be used in conjunction with irrigation water.

## PACKAGING SHAPE

5 LT - 20 LT - IBC

## GUARANTEED CONTENT

Water Soluble Calcium Oxide (CaO)

%W/W

: 12,5

## OTHER AUXILIARY INGREDIENTS

- Carboxyl Group Organic Acids, Amino Acids etc.



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# pHyser

pH Regulator  
& Lime Remover

## PRODUCT FEATURES

pHyser is a specially designed product for regulating the pH level of water used in agricultural fertilizers, fungicides, insecticides, and herbicides, and bringing the lime content in the water to an optimal level. This enhances the effectiveness of the utilized fertilizers and pesticides. It facilitates the easier absorption of nutrients bound in the soil by plants, softens water for preparing pesticide solutions, increases solubility, and eliminates water hardness. It also adjusts the pH levels of alkaline waters, ensuring prolonged efficacy of the pesticides. Additionally, it prevents clogging in drip pipes and aids in the unclogging of blocked pipes.

## MIXABILITY

Compatible and may be mixed with all foliar application

## GENERAL METHOD OF APPLICATION AND DOSAGE

- By the soil ( with drip irrigation ) : 0,5 - 1 Lt. / da
- By the foliar : 330 cc / 100 Lt. water ( for decrease the pH of the application water by 1 unit )

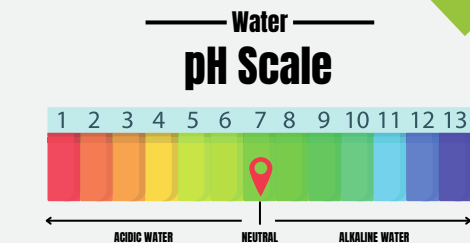
Note: The dosage amount can be increased or decreased based on the pH value of the water or mixture, as recommended by an Agricultural Engineer.

## PACKAGING SHAPE

500 cc - 1 LT

## ACTIVE INGREDIENTS

- Carboxyl Group Organic Acids, Mineral Acids etc.



The pH value of your water DIRECTLY influences the uptake of plant nutrients by the plant.



# Polywet

ADHESIVE & SPREADER  
NON-IONIC SURFACTANT

## PRODUCT FEATURES

Polywet is a high-quality spreader-adhesive designed for foliar applications. It is applied homogeneously to the leaf surface of fertilizers, pesticides, herbicides, insecticides, fungicides, etc., enhancing their effects over an extended period and allowing penetration without leaving any residue on the plants. Consequently, it ensures high efficiency in foliar applications. It reduces the superficial tension on leaves. Polywet forms a protective film layer around the plant, safeguarding fertilizers and pesticides from physical effects such as evaporation, rain, and wind. It prevents concentration on a single area, minimizing damage to the leaves and increasing the overall effectiveness and uptake of fertilizers and pesticides. It can also be used for cleaning application machinery.

## MIXABILITY

Except alkaline pesticides and Bordeaux mixture can be mixed with other growth regulators and pesticides.

## GENERAL METHOD OF APPLICATION AND DOSAGE

- By the foliar : 50 cc / 100 Lt. water

## PACKAGING SHAPE

1 LT

## ACTIVE INGREDIENTS

- ALKYLARYL POLYGLYCOL ETHER

## OTHER AUXILIARY INGREDIENTS

- Polycarboxyl Acids etc.



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# INERTOL B-10

ANIONIC CARRIER & SOIL REGULATOR

## PRODUCT FEATURES

Thanks to the beneficial microorganisms in its content, it provides the plant growth and development balance by secreting plant growth regulators (auxin, cytokinin and gibberellin), vitamins (B, C and E groups) and antifungal enzymes that are effective in the physiological period of plants. It makes plants resistant to stress, diseases and pests with the many beneficial microorganisms it contains. It converts the free nitrogen of the air into nitrate and ammonium forms that can be used by plants. It enables the plant to benefit better from the plant nutrients in the soil. It ensures seed germination and the development of a very strong root system in the plant. It encourages flowering by increasing the solubility of phosphate, which is in the soil but in the form that cannot be taken by plants, with its beneficial microorganism content. In the plant, it increases flowering, sprouting, encourages fruiting and maturation, supports the plant at every stage of the plant's development processes. Therefore, it provides maximum yield and quality increase in the plant. It increases fruit flavor and positively affects the storage life of the fruit. By arranging the soil, it ensures that the soil regains its natural form and health. It provides the circulation of oxygen and softens, aeration and breathing of the soil.

## MIXABILITY

Do not mix with high-copper content fertilizers and pesticides. Avoid using together with mineral oil and acids. It can be mixed and used along with foliar fertilizers and micronutrients.

## GENERAL METHOD OF APPLICATION AND DOSAGE

- By the soil ( with drip irrigation ) : 250 cc / da
- By the foliar : 100 cc / 100 Lt. water

## PACKAGING SHAPE

1 LT

## ACTIVE INGREDIENTS

- Multifunctional carrier and useful active microorganism ingredients, enzymes, proteins etc.

## OTHER AUXILIARY INGREDIENTS

- Organic Plant Extracts, Vegetable Oils, Amino Acids etc.



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**ASANTA TARIM ENDÜSTRİ DIŞ.TİC.LTD.ŞTİ**

Çağlayan Mah. Barınaklar Bulv. Villa Güneş Apt. No:46/3 Muratpaşa/ANTALYA

Tel & Faks : +90 242 324 3499

web sitesi : www.asantatarim.com



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