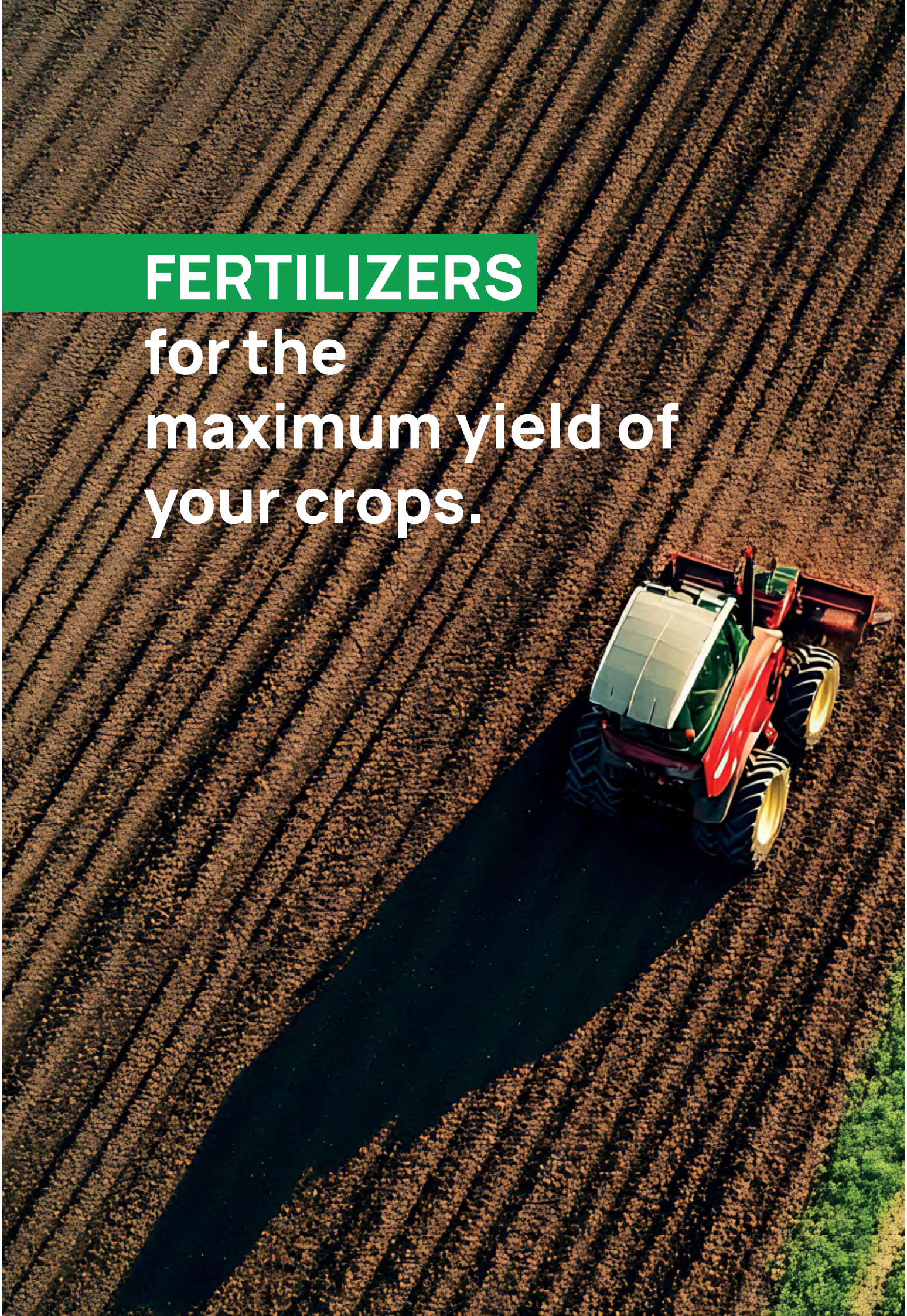
FERTILIZERS
for the
maximum yield of
your crops.

# CONTENTS




**AGROSITOS S.A**
SEED PRODUCTION -FOLIAR FERTLIZERS

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## QUELANTE B


| ANALYSIS % | (W / V) |
|---|---|
| Boron (B) water-soluble (Boron Ethanolamine) | 10% |

**PROPERTIES**

- This specialized fertilizer is formulated for crops that require high levels of Boron, such as beets, vines, olives, etc.
- Contains a high concentration of Boron in a highly bioavailable form, making Quelante B particularly effective for Boron deficiency problems.
- Can be combined with common pesticides.
- The solution should be sprayed either alone or in combination, during the cooler hours of the day, and immediately after preparation.

**General Dosage:** 7,5 – 12 L / Ha via irrigation system or 75 – 150 ml / 100L of spraying solution.

**Olives:** 1st application at the beginning of flowering, 2nd after flowering ends.

**Vines:** 1st application at the start of new shoot development, 2nd before flowering. If there is a very intense problem, 3rd application after fruit setting.

**Vegetables:** 1st application when the plants have developed sufficient foliage, about 1 month after planting.

**Stone fruits and drupes:** 1η εφαρμογή στο τέλος της άνθησης, 2η εφαρμογή 10-15 ημέρες μετά.

**Large-scale crops (corn, clover, cotton, wheat, etc.):** 1 or 2 applications depending on the problem, according to the general dosage.

**IMPORTANT NOTE:** The fertilizer should be applied only after the plants have at least 4 leaves.

**PACKAGING SIZES: 250ml • 500ml • 1L • 5L • 10L • 20L**

## QUELANTE B-Zn


| ANALYSIS % | (W / V) |
|---|---|
| Boron (B) water-soluble (Boron Ethanolamine) | 2% |
| Zinc (Zn) Water-soluble in the form of an EDTA chelated complex | 3% |

**PROPERTIES**

- Quelante B – Zn is a liquid specialized fertilizer containing organic boron and chelated EDTA Zn.
- B and Zn are essential elements for flower formation and fertilization, as well as for cell division.
- Additionally, B is necessary for certain crops to prevent common disorders such as apple blotch, black heart in cauliflower, etc.
- The special composition of the product allows the simultaneous presence of both components in high concentrations and in forms that are highly absorbable by plants.

**Vegetables:** 200-300 ml/ 100 L of water in 2-3 foliar applications. Irrigation System: 10 L /Ha in 2-3 applications.

**Olives:** 200-300 ml/ 100 L of water before flowering.

**Vines:** 200 ml/ 100 L of water. 1st application during the development of new shoots. 2nd application before flowering.

**Apple and Pear trees:** 200-300 ml/ 100 L of water. 1st application at new shoot growth. 2nd application before flowering.

**PACKAGING SIZES: 250ml • 500ml • 1L • 5L • 10L • 20L**

# FOLIAR FERTILIZERS

## QUELANTE Zn


| ANALYSIS % | (W / V) |
|---|---|
| Zinc (Zn) Water-soluble in the form of an EDTA chelated complex | 6% |

**PROPERTIES**

- Liquid Zinc (Zn) EDTA fertilizer.
- A form that is highly absorbable by plants, making the product effective both in the prevention and treatment of even the most severe cases of nutrient deficiencies of this element.
- Zinc plays a crucial role in the proper development of shoots, leaves, and fruits, as well as in fertilization.
- Apply during the cooler hours of the day and immediately after preparing the solution.
- In case of crystal formation, its effectiveness is not reduced.

**General Dosage:** Foliar sprays with 200-400 ml/100 L of water or fertigation with 10-30 liters/Ha.

**For Gigantocarpic plants:** Foliar spray with 200-400 ml/100 L of water on new growth and before blooming.

**Olive trees:** 200-400 ml/100 L of water during the "cropping" stage.
**Vineyards:** 1st application foliar with 150-250 ml/100 L of water during the development of new growth, and 2nd application with 200-300 ml/100 L of water before the start of flowering.

**Vegetables:** Foliar sprays with 200-300 ml/100 L of water or 1-2 liters/acre for soil application, before the first flowering, and repeat before the flowering of each subsequent cross.

**PACKAGING SIZES: 250ml • 500ml • 1L • 5L • 10L • 20L**

## QUELANTE Fe


| ANALYSIS % | (W / V) |
|---|---|
| ChelatedIron (Fe) (EDTA) | 6.5% |

**PROPERTIES**

- It is a rich source of absorbable iron.
- The special preparation method and a strong chelating agent (EDTA) ensure the protection of iron ions from possible oxidation and inactivation.
- It is a specialized foliar application of chelated iron in EDTA form, suitable for the prevention and treatment of iron deficiency issues in all crops.
- Iron deficiency, also known as chlorosis, manifests as yellowing of leaves due to reduced chlorophyll synthesis, leading to decreased growth and low crop yield.
- Untimely treatment increases the problem and ultimately leads to tissue necrosis.
- Chlorosis appears intensely in calcareous soils with alkaline pH, very acidic, and light, sandy soils poor in organic matter.

**Preventive Use:** 100-150 ml/100 L of water, in 1-3 applications.
**Curative Use:** 150-300 ml/100 L of water, in 2-3 applications.
1st application before flowering, 2nd application after petal drop, 3rd application 15-20 days after the 2nd.
**Large-Scale Crops:** 1 – 3 L / Ha, in 1-3 applications..

**PACKAGING SIZES: 250ml • 500ml • 1L • 5L • 10L • 20L**

# QUELANTE Fe-AA (Amino acids)


| ANALYSIS % | (W / V) |
|---|---|
| Nitrogen (N) Uric | 7,5 % |
| Iron (Fe) | 6,2 % |
| Organic Matter (amino acids, peptides) | 15,6 % |

## PROPERTIES

- Quelante AA-Fe is a rich source of absorbable Iron with amino acids.
- It is suitable for the prevention and treatment of iron deficiency problems in all crops.
- The presence of plant-based amino acids facilitates absorption and helps the plant quickly cope with iron deficiency and the issues it creates (reduced photosynthesis).
- Iron chlorosis appears intensely in calcareous soils with alkaline pH, very acidic soils, and light, sandy soils poor in organic matter.

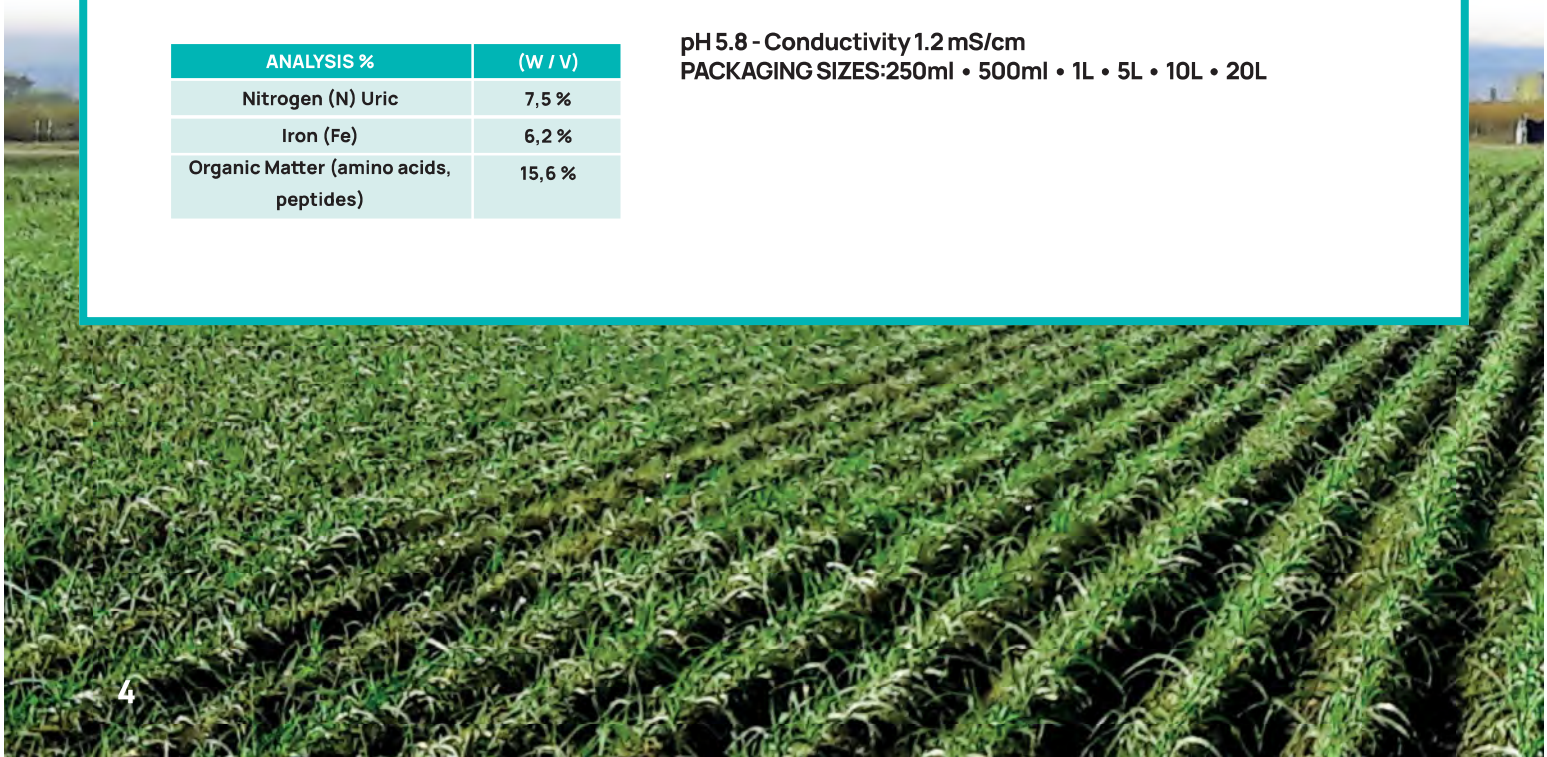
## DOSAGE - APPLICATIONS

**General Dosage:** 5-10 L / Ha via irrigation system or foliar application 100-200 ml/100 L of water.
**Stone Fruits:** 1-2 applications in total. 1st application at the beginning of new growth with 100 ml/100 L of water and 2nd application 15-20 days later with 150-200 ml/100 L of water.
**Gigantocarpic Fruits:** 2-3 applications in total. 1st application at the start of new growth with 100-150 ml/100 L of water, and the second application approximately 15 days later with 150-200 ml/100 L of water. 3rd application, if needed, after petal drop with 150-200 ml/100 L of water.
**Kiwi:** 2-3 applications with the first application at the start of new growth with 100 ml/100 L of water. Second application 15-20 days later with 100-150 ml/100 L of water. 3rd application, if needed, 10-15 days after fruit set with 150-200 ml/100 L of water.
**Vineyards:** 2-3 applications from the start of new growth until petal drop with 100-150 ml/100 L of water. Use the lower dose for the 1st application.
**Strawberries – Vegetables:** 5-10 L / Ha via irrigation system or 100-150 ml/100 L of water for foliar application.
**Large-Scale Crops:** 1-1,5 L/ Ha, in 1-3 applications.
**Ornamental Plants:** Foliar sprays with 150-200 ml/100 L of water.

## COMPATIBILITY

Quelante AA-Fe can be combined with all common pesticides and fertilizers. In cases of unknown combinations, a small-scale test should be conducted beforehand. Apply during the cooler hours of the day and immediately after preparing the solution. For greenhouse spraying, use the smaller doses.

**pH 5.8 - Conductivity 1.2 mS/cm**
**PACKAGING SIZES:250ml • 500ml • 1L • 5L • 10L • 20L**



# QUELANTE KALI PLUS


| ANALYSIS % | (W / V) |
|---|---|
| Potassium ($K_2O$) | 30% |
| Amino Acids, Oligopeptides (Hydrolyzed plant-derived protein) | 10% |

**PROPERTIES**

- Quelante Kali Plus is a special formulation rich in absorbable Potassium, enriched with amino acids.
- This form ensures high bioavailability, resulting in rapid action to address potassium deficiency problems in plants.
- It also improves quality characteristics such as taste and aroma in fruits, the levels of sugars, vitamins B1, C, and carotenoids.
- It reduces unwanted oxalic acid and improves the post-harvest durability of products.
- It is also successfully applied to improve the color in tobacco.
- Soil applications are recommended for neutral or acidic soils.

**DOSAGE - APPLICATIONS**

**General Dosage:** 10-20L / Ha via irrigation system or foliar application 200-400 ml/100 L of water.
**Stone Fruits:** 1-3 applications in total. 1st application at the onset of color change with 200-300 ml/100 L of water and 2nd application 10-15 days later with the same dosage. Repeat if necessary in 10 days with the same dosage.
**Apples (red varieties):** 1-3 applications in total. 1st application at the onset of color change with 150-200 ml/100 L of water and the 2nd application approximately 15 days later with 200-300 ml/100 L of water. 3rd application, if needed, 10-15 days later with 200-300 ml/100 L of water.
**Kiwifruit:** 2-3 applications with the first application 40-50 days after petal fall, with 200-300 ml/100 L of water. 2nd application 15-20 days later with 250-400 ml/100 L of water. 3rd application, if needed, 15-20 days after the 2nd application with 200-300 ml/100 L of water.
**Vineyards:** 2-3 applications from the berry set stage with 200-300 ml/100 L of water and every 15-20 days with the same dosage.
**Vegetables:** 200-300 ml/100 L of water at the onset of fruit color change. 10-20L/ Ha for applications through the irrigation system.
**Watermelon – Melon:** 1st application when the fruits reach about half the final size for each variety with 2-3 L / Ha or foliar with 200-400 ml/100 L of water.
**Potatoes:** 1st application after the start of tuber formation with 300-400 ml/100 L of water or 2-3 liters/ Ha via irrigation system. Repeat in 10 days with the same dosage.
**Strawberries:** 1-2 L / Ha via irrigation system or 200-300 ml/100 L of water for foliar application when the fruits begin to turn red.

**COMPATIBILITY**

- Can be combined with all common pesticides and fertilizers. In cases of unknown combinations, perform a small-scale test beforehand.
- Apply during the cooler hours of the day and immediately after preparing the solution.

**pH (1:100): 11 +/- 0.5Conductivity (1:100): 3.3 mS/cm**
**PACKAGINGSIZES: 250ml • 500ml • 1L • 5L • 10L • 20L**

# QUELANTE PRO CALCIUM


| ANALYSIS % | (W / V) |
|---|---|
| Nitrogen (N) | 12% |
| Nitrate(N) | 12% |
| Calcium oxide (CaO) * | 21% |
| Magnesium (MgO) | 2.8% |
| Copper (Cu) ** | 0.014% |
| Iron (Fe) ** | 0.014% |
| Manganese (Mn)** | 0.014% |
| Zinc (Zn) ** | 0.014% |
| Molybdenum (Mo) | 0.0014% |
| Organic matter | 2.8% |
| 1% CaO (w/w) in chelated EDTA form | |
| ** Chelated - EDTA form | |

**PROPERTIES:**

- Quelante Pro Calcium is primarily indicated for the rapid treatment of Calcium deficiencies through foliar applications. It is an extremely rich source of assimilable Calcium, also containing nitrogen, magnesium, and trace elements in chelated form.
- One of its key characteristics is the presence of organic plant extract, rich in bioactive compounds (proteins, amino acids, carbohydrates, etc.), which increases its activity and absorption by the plants.
- It is suitable for Calcium-demanding crops such as tomatoes, cucumbers, apples, cherries, etc.
- Through its systematic application, it also extends the post-harvest shelf life of fruits and vegetables (peaches, kiwis, apples, strawberries, tomatoes, etc.).
- The presence of Magnesium helps maintain the balance of the Ca/Mg ratio and enhances chlorophyll formation and photosynthesis.

**DOSAGES AND APPLICATION:**

**General Dosage:** 10-20L / Ha for fertigation or 200-400 ml/100 L of water for foliar applications.

**Cherries:** Apply at the onset of color change with 200-300 ml/100 L of water to prevent cracking.

**Apples:** 2-5 total applications. First application at the fruitlet stage with 150-200 ml/100 L of water, and repeat with 200-300 ml/100 L of water to prevent 'bitter pit'.

**Vegetables (tomatoes, peppers, eggplants, cucumbers):** 200-400 ml/100 L of water from the first fruit set, with repeat applications at the same dosage. 10-20L / Ha for fertigation applications. For greenhouses, apply the lower doses.

**Watermelon – Melon:** First application when fruit reaches the size of a fruitlet with 200-400 ml/100 L of water, with repeats after each fruit set. Use 20-30L / Ha via the irrigation system in the same growth stages.

**COMPATIBILITY**

- Quelante Pro Calcium is compatible with all standard pesticides and fertilizers except for phosphorous, sulfur-based, and alkaline products.
- If the combination is unknown, perform a small-scale test before large-scale use.
- Apply during the cooler hours of the day and immediately after preparing the solution.
- For greenhouse applications, use the lower doses.

**PACKAGING SIZES:250ml • 500ml • 1L • 5L • 10L • 20L**

# QUELANTE PRO Mg


| ANALYSIS % | (W / V) |
|---|---|
| Total Nitrogen (N) | 11,2 % |
| Nitrate(N) | 9,8 % |
| Uric (N) | 1,4% |
| Magnesium (MgO)* | 12,5% |
| Iron (Fe) ** | 0,014% |
| Manganese (Mn) ** | 0,014% |
| Zinc (Zn) | 0,014% |
| Copper (Cu) | 0,003% |
| Molybdenum (Mo) | 0,0014% |
| Organic matter | 2,8% |
| * 0.5% MgO (B/B) in chelated EDTA form | |
| ** Chelated EDTA form | |

**PROPERTIES:**

- Quelante Pro Mg is a liquid Magnesium fertilizer in an immediately assimilable form, enriched with Nitrogen and micronutrients in chelated form.
- Magnesium Content: Part of the Magnesium (0.5% MgO w/w) is in chelated EDTA form, ensuring a prolonged effect of the preparation.
- It also contains a plant tissue extract rich in bioactive agents (amino acids, proteins, carbohydrates, etc.) that improve the absorption speed, movement, and utilization of nutrients by plants. It can be used both for foliar applications and through fertigation.

**DOSAGES AND APPLICATION:**

**General Dosage:** Fertigation with 5-20 liters / Ha depending on the crop or foliar applications with 200-300 ml / 100 L of water.

**Apple Trees (Red Varieties):** First foliar application with 250-400 ml / 100 L of water during color change. Repeat after 10 days. Fertigation with 15-20L / Ha at the same growth stages.

**Grapevines:** First foliar application with 200-300 ml / 100 L of water during rapid fruit growth. Repeat every 10-15 days to prevent drying of the rachis with the same dosage.Fertigation with 15-20L / Ha at the same growth stages.

**Tomato:** First foliar application with 200-300 ml / 100 L of water during the maturation of the first cross fruit. Repeat every 20 days with the same dosage.Fertigation with 10-20 liters / Ha in repeated applications.

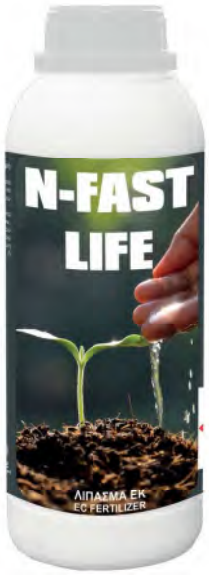
**Pepper - Eggplant:** First foliar application with 200-300 ml / 100 L of water during fruit maturation. Repeat with the same dosage when there is a high production load.Fertigation with 10-20L / Ha in repeated applications.

**COMPATIBILITY**

- Can be combined with all common pesticides and fertilizers. In case of an unknown combination, a small-scale test should be performed beforehand.
- Apply during the cooler hours of the day and immediately after preparing the solution.
- For greenhouse spraying, use the lower doses.

**pH: 6.7 Conductivity: 2.5 mS/cm**
**PACKAGING SIZES: 250ml • 500ml • 1L • 5L • 10L • 20L**

## N-FAST LIFE




| ANALYSIS % | (W / V) |
|---|---|
| Nitrogen (N) | 32 % |
| Ammoniacal (N) | 8,5 % |
| Nitrate (N) | 8,5 % |
| Uric (N) | 15% |

**PROPERTIES**

- N-FAST LIFE is a concentrated liquid fertilizer with nitrogen in three forms: uric, ammoniac, and nitrate.
- The quality and purity of the raw materials make the product immediately absorbable and utilizable by plants.
- It is suitable for supplementary fertilization in all crops, particularly those with high nitrogen demands, and for correcting nitrogen deficiencies.
- Nitrogen is the most important element in plant nutrition during the early stages of their growth, as it regulates vegetative growth, cell division, and overall production.
- The triple form of nitrogen ensures the element is available to the plants for a longer period without causing issues from a sudden increase in concentration within the fruits (e.g., cracking or hollowing of fruits, etc.). It can be applied both via foliar feeding and fertigation.

**DOSAGES AND APPLICATION:**

**Foliar application:** Depending on the growth stage and needs of the plant, 200-500 cc/100 L of spray solution.

**Soil application:** Depending on the crop's needs, 20-40L / Ha.

Recommended Application Times for Certain Crops:

**Vegetables:** After the first flowering and fruit setting.
**Citrus:** After flowering.
**Stone fruits (e.g., peaches, cherries):** After petal fall and during fruit swelling.
**Vineyard (grapes):** During the vegetative stage and when berries are swelling.
**Cotton:** After the 4-leaf stage.
**Olive trees:** Before flowering and after fruit setting.

**PACKAGING SIZES: 250ml • 500ml • 1L • 5L • 10L • 20L**

## STEADY NITRO


| ANALYSIS % | (W / V) |
|---|---|
| Nitrogen (N) | 28 % |
| Uric (N) | 8,4 % |
| Formaldehydepolymerized Nitrogen | 19,6 % |

**PROPERTIES**

- Slow-release Nitrogen preparation.
- This Nitrogen source gradually provides the nutrient, allowing plants to secure Nitrogen for an extended period.
- The use of Steady Nitro results in avoiding Nitrogen losses due to leaching, as well as undesirable effects from sudden and excessive nitrogen fertilization.

**DOSAGES AND APPLICATION:**

**Foliar application:** Depending on the growth and needs of the plant, 200-500 mL / 100 L of spray solution.

**Soil application:** Depending on the needs of the crop, 7 – 15 L / Ha

Recommended application periods for certain crops:

**Vegetables:** After the first flowering and fruit set.
**Citrus fruits:** After flowering.
**Stone fruits:** After petal fall and during fruit swelling.
**Grapevines:** At the vegetative stage and during berry swelling.
**Cotton:** After the 4-leaf stage.
**Olives:** Before flowering and after fruit set.

**PACKAGING SIZES: 250ml • 500ml • 1L • 5L • 10L • 20L**

# QUELANTE PLUS Cu


| ANALYSIS % | (W / V) |
|---|---|
| Copper (Cu)) | 8% |
| * in chelated forms of gluconic acid and LS | |

**PROPERTIES**

- Special formulation of Copper (Cu) in chelated form with gluconic acid and LS.
- Effectively addresses Copper deficiencies, also contributing to the activation of enzymatic reactions within the plant.
- Participates in photosynthesis, improves carbohydrate metabolism, and strengthens cell walls.
- Avoid combining with formulations containing calcium.
- Apply during the cooler hours of the day and immediately after preparing the solution.
- For greenhouse spraying, use the smaller doses.

**DOSAGES AND APPLICATION:**
Quelante GLS Cu is suitable for all crops and can be applied foliar and through fertigation. The total number of applications depends on the crop and plant needs.
**General foliar dosage:** 200 – 300 ml / 100 Lof water.
**Fertigation:** 2L / Ha

**PACKAGING SIZES: 250ml • 500ml • 1L • 5L • 10L • 20L**

# AMINO 1


| ANALYSIS % | % |
|---|---|
| Amino acids (free L-amino acids, peptides, polypeptides) | 40% |

**PROPERTIES**

- Amino One is a very concentrated amino acid formulation suitable for enhancing plant resistance during stress periods (from low temperatures, drought, fungal infections, etc.).
- It is ideal for improving the quality characteristics of agricultural products (color, size, aroma, sugars) and for increasing post-harvest fruit preservation.
- Additionally, it can be combined with pesticides to enhance their effectiveness.

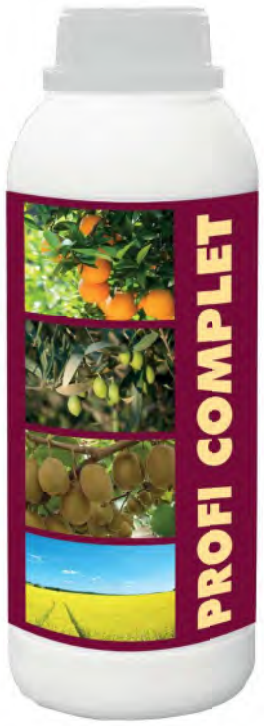
**DOSAGES AND APPLICATION:**
It can be applied through fertigation and foliar spraying on all crops (strawberries, watermelons, melons, potatoes, etc.) and at all stages of plant development.

**General dosage for fertigation:** 5-10L / Ha, throughout the growing season.
**General foliar dosage:** 100-200 ml / 100 L of water throughout the growing season.
For greenhouse spraying, apply the smaller doses.

**COMPATIBILITY**
It can be combined with pesticides, except for copper-based ones.

**PACKAGING SIZES: 250ml • 500ml • 1L • 5L • 10L • 20L**

# PROFI COMPLET




**PROPERTIES**

- Liquid fertilizer for the treatment of combined nutrient deficiencies.
- High in Nitrogen (N), Nitrate and Uric.
- Also contains Potassium ($K_2O$), Magnesium (MgO), Copper (Cu), Iron (Fe), Manganese (Mn), Boron (B), Zinc (Zn), Sulfur (S), Molybdenum (Mo), as well as amino acids, peptides, and extracts of seaweed and yeast.
- Enhances plant growth, fruit set, and fruit quality.
  It can be combined with all common pesticides and fertilizers.

**General dosage:** 10-20L /Ha through the irrigation system or foliar application with 200-300 ml / 100 L of water.

**PACKAGING SIZES: 250ml • 500ml • 1L • 5L • 10L • 20L**

| ANALYSIS % | B/O | ANALYSIS % | (W/V) |
|---|---|---|---|
| Nitrogen (N) | 8,1 % | Manganese (Mn) | 0,9 % |
| Nitrate N | 3% | Zinc (Zn) | 1,9% |
| Ureic N | 5,1% | Copper (Cu) | 0,5 % |
| Potassium ($K_2O$) | 8,1% | Molybdenum (Mo) | 0,0013 % |
| Magnesium(MgO)* | 2,7% | Sulphur (S) | 3 % |
| Iron (Fe) | 2,4% | Amino acids,Seaweed,vitamins | 3,3 % |

# ARISTON VITA


**PROPERTIES**

- Biostimulators of amino acids and plant extracts, growth enhancer for plants.
- Ariston vita is strongly enriched with a variety of vitamins that contribute to the quantitative and qualitative improvement of agricultural products and the preservation of fruits after harvest.
- Amino acids play a crucial role in the movement and utilization of nutrients within plants and help in dealing with adverse climatic and environmental conditions.
- It is applied foliarly and through the soil.

**General dosage:** Foliar applications with 100-150 g/100 liters of water or fertigation with 5-01 kg// Ha

**COMPATIBILITY**
Avoid combining with copper-based products.

**PACKAGING SIZES: 250ml • 500ml • 1L • 5L • 10L • 20L**

| ANALYSIS % | % |
|---|---|
| L-aminoacids | 68% |
| Plant extracts enriched with vitamins | 32% |

# BIO ROOT


**PROPERTIES**

- ▶ Enhancement of Plant's Natural Condition
- ▶ Salt Tolerance of the Soil
- ▶ Improvement of Water Absorption
- ▶ Bio Root is a natural plant growth enhancer based on beneficial fungi
- ▶ The benefits of mycorrhizae in plant growth and nutritional balance are based on the increase in the root system's absorptive surface area, as well as the ability of the fungi to absorb nutrients that are bound to soil particles and, through the fungal hyphae, deliver them to the plant.
- ▶ Mycorrhizae help improve the water status of plants by increasing water uptake, increase resistance to salinity, and generally enhance the plant's natural condition.

**DOSAGE - APPLICATIONS**

▶ Nurseries with trees, shrubs, ornamental plants, and flowers:

A) Mix Bio Root with the potting soil in a ratio of 2.5-5% (i.e., 25-50 liters of Rhizo-Myc / 1000 liters of potting soil or 2.5-5 liters / 100 liters of potting soil).
B) When transplanting plants into pots, use Bio Root as follows:

- 5-10ml for 0.5-liter pots
- 10-20ml for 1-2 liter pots
- 50-75ml for 2-5 liter pots
- 100ml for 5-10 liter pots

**Greenhouse and outdoor ornamental plants and flowers:** For plants sown with seeds, apply 2.5-5ml Bio Root / plant, in the planting position under the seed or bulb. For transplants, apply 5-10 ml Bio Root / plant in the planting position.

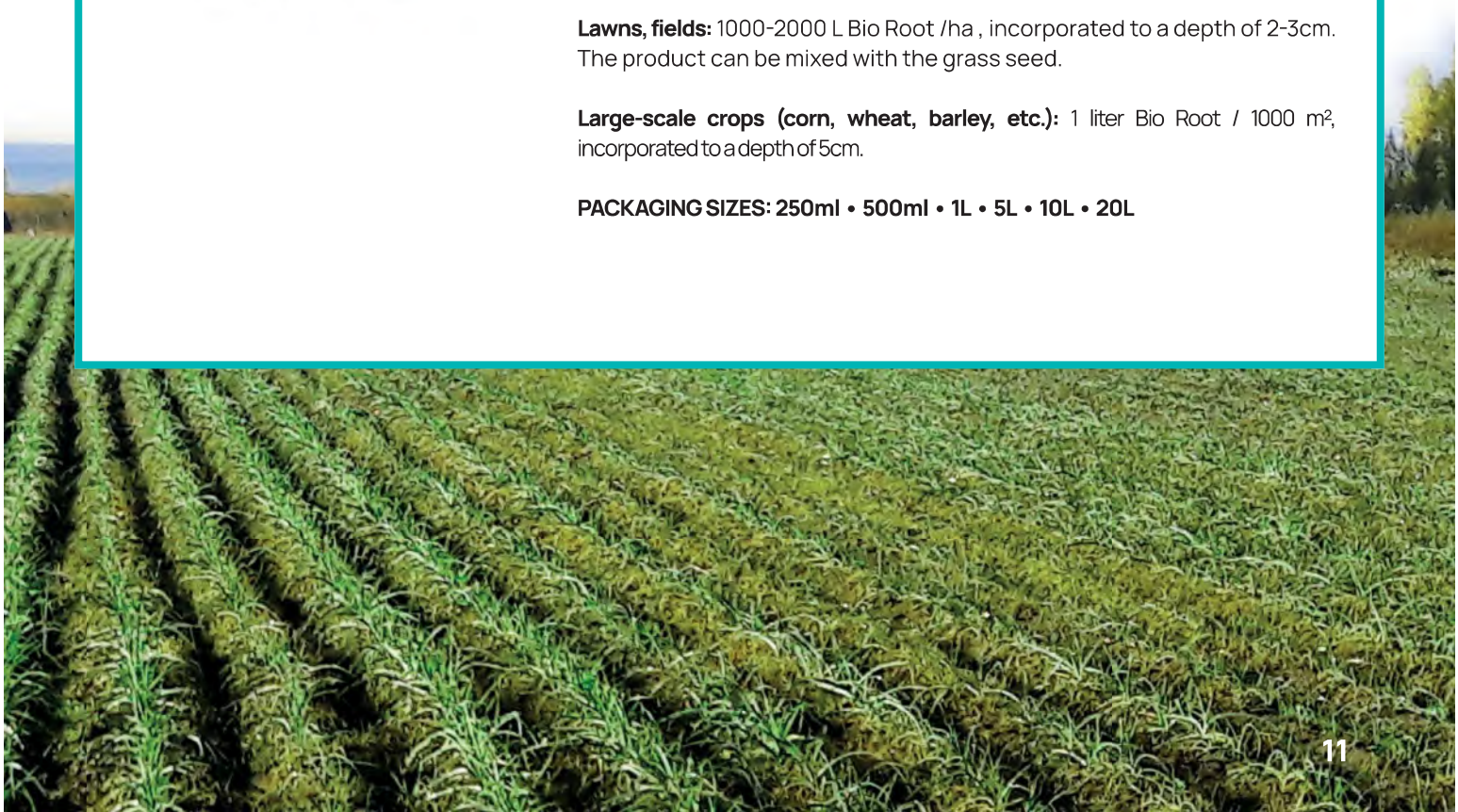
**Tree crops:** 20ml Bio Root / plant for all tree species, in the planting position.

**Vineyards:** 10ml Rhizo-Myc / plant, in the planting position.

**Lawns, fields:** 1000-2000 L Bio Root /ha , incorporated to a depth of 2-3cm. The product can be mixed with the grass seed.

**Large-scale crops (corn, wheat, barley, etc.):** 1 liter Bio Root / 1000 m², incorporated to a depth of 5cm.

**PACKAGING SIZES: 250ml • 500ml • 1L • 5L • 10L • 20L**



## pH FIX


**PROPERTIES**

- pH Fix is a special liquid formulation that reduces the pH of spraying solutions.
- It contains inorganic and organic polycarboxylic acids that deactivate salts and heavy metals, the presence of which accelerates the oxidation and hydrolysis of pesticides.
- It also contains Nitrogen and Phosphorus, which supplement foliar nutrition and improve crop yields.
- pH Fix acts simultaneously as an adhesive-surfactant and a pH corrector.
- pH Fix also contains an indicator that turns the spraying solution a characteristic pink color when the ideal pH (4-5) is achieved.

**DOSAGE - APPLICATIONS**

**For hard water:** approximately 75-100 ml / 100 liters of water
**For semi-hard water:** approximately 20-30 ml / 100 liters of water
**For soft water:** approximately 10-15 ml / 100 liters of water.

The ideal amount to achieve the desired pH is determined by the color change of the spraying solution to pink.

| ANALYSIS % | (W/V) |
|---|---|
| Nitrogen (N) amidic | 4 % |
| Nitrogen (N) Uric | 4% |
| Total Diphosphorus pentoxide ($P_2O_5$) | 33% |
| Diphosphorus pentoxide ($P_2O_5$) διαλυτό σε ουδέτερο κιτρικό αμμώνιο και υδατοδιαλυτό | 33% |

**PACKAGING:**
**250ml • 500ml • 1L • 5L • 10L • 20L**

## COTTON STOP


**PROPERTIES**

- Cotton Stop is a special fertilizer for cotton, with the main goal of inhibiting vegetative growth, promoting flowering and fruiting, and ensuring early and uniform opening of the bolls.
- Cotton Stop contains Phosphorus, Potassium, Magnesium, Manganese, Zinc, and Boron in a ratio that is sufficient to achieve the above goals.
- Phosphorus reduces vegetative growth and promotes flowering, while Potassium helps in early production and the production of high-quality products.
- Zinc and Boron promote flower formation and improve fertilization.
- Magnesium is a key component of chlorophyll, and its deficiency reduces photosynthesis, while Manganese acts as a regulator of enzyme activity.

**DOSAGE - APPLICATIONS**

- 400-500 ml / 100 liters of water, when the plants reach a height of 60-70 cm.
- Cotton Stop can be combined with Mepiquat chloride to enhance its effect

**PACKAGING: 250ml • 500ml • 1L • 5L • 10L • 20L**

| ANALYSIS % | (W/V) |
|---|---|
| Diphosphorus pentoxide ($P_2O_5$) | 40% |
| Potassium oxide ($K_2O$) | 10% |
| Magnesium (MgO) | 2.8% |
| Manganese (Mn) | 1% |
| Zinc(Zn) | 0.3% |
| Boron (B) | 0.1% |

# FOLIAR FERTILIZERS

## 10-10-38


**INORGANIC FERTILIZER**

- GEL 10-10-38 is a complete NPK fertilizer in gel form, enriched with micronutrients. Due to its high potassium content, GEL 10-10-38 is suitable for stages of the crop where rapid and immediate potassium uptake is required to improve the quality characteristics of the fruits or the crop.
- It is particularly effective for enhancing fruit growth. GEL 10-10-38 can be applied foliarly or through fertigation.

**General Dosage:** Foliary spraying with 150-300 ml/100 liters of water or fertigation with 7,5 L -30L / Ha depending on the needs of each crop, in repeated applications.
**Vegetables and leafy vegetables:** Foliary spraying with 150-300 ml/100 liters or 7,5 L or 20L / Ha with fertigation.
**Tree crops, Grapevines:** Foliary spraying with 150-300 ml/100 liters or 15-20 L / Ha with fertigation.
**PACKAGING: 1 L • 3L • 5 L**

| ANALYSIS % | (W/V) |
|---|---|
| **Total Nitrogen (N)** | **10** |
| Ammoniacal Nitrogen | 2.7 |
| Nitrate Nitrogen | 7.3 |
| **TOTAL DIPHOSPHORUS PENTOXIDE ($P_2O_5$)** | **10** |
| Υδατοδιαλυτό, διαλυτό σε ουδέτερο κιτρικό αμμώνιο Πεντοξείδιο του φωσφόρου ($P_2O_5$) | 10 |
| **Potassium oxide ($K_2O$) Water-Soluble** | **38** |
| Iron (Fe) as a Complex with EDTA (Water-Soluble) | 0.03 |
| Zinic (Zn) as a Complex with EDTA (Water-Soluble) | 0.03 |
| Manganese (Mn) as a Complex with EDTA (Water-Soluble) | 0.03 |
| Copper (Cu) as a Complex with EDTA (Water-Soluble) | 0.03 |
| Molybdenum (Mo) Water-Soluble | 0.03 |

## 14-42-14


**INORGANIC FERTILIZER**

- GEL 14-42-14 is a complete NPK fertilizer in gel form, enriched with micronutrients. Due to its high phosphorus content, GEL 14-42-14 is particularly suitable for stages of the crop where rapid and immediate phosphorus uptake is required.
- It is highly effective at the start of the crop cycle for the development of a strong and healthy root system, flowering, and seed formation.
- GEL 14-42-14 can be applied foliarly or through fertigation.

**General Dosage:** Foliary spraying with 150-300 ml/100 liters of water or fertigation with 7,5L - 30L / Ha ², depending on the needs of each crop, in repeated applications.
**Vegetables and leafy vegetables:** Foliary spraying with 150-300 ml/100 liters or 7,5 L or 20L / Ha with fertigation.
**Tree crops, Grapevines:** Foliary spraying with 150-300 ml/100 liters or 15-20L / Ha with fertigation.

**PACKAGING: 1 L • 3L • 5 L**

| ANALYSIS % | (W/V) |
|---|---|
| **Total Nitrogen (N)** | **14** |
| Uric Nitrogen | 1.9 |
| Ammoniacal Nitrogen | 8.7 |
| Nitrate Nitrogen | 3.4 |
| **TOTAL DIPHOSPHORUS PENTOXIDE ($P_2O_5$)** | **42** |
| Υδατοδιαλυτό, διαλυτό σε ουδέτερο κιτρικό αμμώνιο Πεντοξείδιο του φωσφόρου ($P_2O_5$) | 42 |
| **POTASSIUM OXIDE ($K_2O$) Water-Soluble** | **14** |
| Iron (Fe) as a Complex with EDTA (Water-Soluble) | 0.03 |
| Zinic (Zn) as a Complex with EDTA (Water-Soluble) | 0.03 |
| Manganese (Mn) as a Complex with EDTA (Water-Soluble) | 0.03 |
| Copper (Cu) as a Complex with EDTA (Water-Soluble) | 0.03 |
| Molybdenum (Mo) Water-Soluble | 0.03 |

## 21-21-21+TE


**INORGANIC FERTILIZER**

- GEL 21-21-21 is a balanced complete NPK fertilizer in gel form, enriched with micronutrients.
- Due to its balanced composition, GEL 21-21-21 can be used at all stages of plant growth and provides an additional source of nitrogen, phosphorus, and potassium throughout the growing season.
- It is particularly recommended during the vegetative growth stage and in the early stages after fruit set.
- GEL 21-21-21 can be applied foliarly or through fertigation.

**General Dosage:** Foliary spraying with 150-300 ml/100 liters of water or fertigation with 7,5 L -30L / Ha , depending on the needs of each crop, in repeated applications.
**Vegetables and leafy vegetables:** Foliary spraying with 150-300 ml/100 liters or 7,5L or -20L / Ha with fertigation.
**Tree crops, Grapevines:** Foliary spraying with 150-300 ml/100 liters or 15-20L /Ha with fertigation.

**PACKAGING: 1 L • 3L • 5 L**

| ANALYSIS % | (W/V) |
|---|---|
| **Total Nitrogen (N)** | **21** |
| Ammoniacal Nitrogen | 9.5 |
| Nitrate Nitrogen | 11.5 |
| **TOTAL DIPHOSPHORUS PENTOXIDE ($P_2O_5$)** | **21** |
| Υδατοδιαλυτό, διαλυτό σε ουδέτερο κιτρικό αμμώνιο Πεντοξείδιο του φωσφόρου ($P_2O_5$) | 21 |
| **POTASSIUM OXIDE ($K_2O$) Water-Soluble** | **21** |
| Iron (Fe) as a Complex with EDTA (Water-Soluble) | 0.03 |
| Zinic (Zn) as a Complex with EDTA (Water-Soluble) | 0.03 |
| Manganese (Mn) as a Complex with EDTA (Water-Soluble) | 0.03 |
| Copper (Cu) as a Complex with EDTA (Water-Soluble) | 0.03 |
| Molybdenum (Mo) Water-Soluble | 0.03 |

## 26-6-6 +TE


**INORGANIC FERTILIZER**

- 26-6-6 is a complete NPK fertilizer in gel form, enriched with micronutrients.
- Due to its high nitrogen content, 26-6-6 is suitable for stages of the crop where rapid and immediate nitrogen uptake is required for fast growth.
- It is especially effective in the early stages of plant growth, when nitrogen needs are higher.
- 26-6-6 can be applied foliarly or through fertigation.

**General Dosage:** Foliary spraying with 150-300 ml/100 liters of water or fertigation with 7,5 L -30L / Ha ,depending on the needs of each crop, in repeated applications.
**Vegetables and leafy vegetables:** Foliary spraying with 150-300 ml/100 liters or 7,5L or 20 LHa with fertigation.
**Tree crops, Grapevines:** Foliary spraying with 150-300 ml/100 liters or 15-20L/Ha with fertigation.

**PACKAGING: 1 L • 3L • 5 L**

| ANALYSIS % | (W/V) |
|---|---|
| **N Total Nitrogen** | **26** |
| Uric Nitrogen | 10.4 |
| Ammoniacal Nitrogen | 7.8 |
| Nitrate Nitrogen | 7.8 |
| **TOTAL DIPHOSPHORUS PENTOXIDE ($P_2O_5$)** | **6** |
| Υδατοδιαλυτό, διαλυτό σε ουδέτερο κιτρικό αμμώνιο Πεντοξείδιο του φωσφόρου ($P_2O_5$) | 42 |
| **POTASSIUM OXIDE ($K_2O$) Water-Soluble** | **6** |
| Iron (Fe) as a Complex with EDTA (Water-Soluble) | 0.03 |
| Zinic (Zn) as a Complex with EDTA (Water-Soluble) | 0.03 |
| Manganese (Mn) as a Complex with EDTA (Water-Soluble) | 0.03 |
| Copper (Cu) as a Complex with EDTA (Water-Soluble) | 0.03 |
| Molybdenum (Mo) Water-Soluble | 0.03 |

# CRYSTALLINE FERTILIZERS

## 20-20-20+TE


- 100% Water-Soluble Crystalline Fertilizer, suitable for foliar application and fertigation.
- Contains easily assimilable forms of macronutrients and chelated micronutrients in EDTA form.
- Ideal for all stages of crop development.

**General Dosage:** Fertigation:20-40 kg /Ha
**Foliar application:** 100-400 g / 100 liters of water

Reapply where necessary every 7-15 days. The frequency of applications should be adjusted based on the crop's needs and the base fertilization applied, and it should be determined by the responsible local agronomist.

**PACKAGING: 2kg • 5kg • 10kg • 20kg**

| ANALYSIS % | % | ANALYSIS % | % |
|---|---|---|---|
| N Total Nitrogen | 20% | Iron Fe (EDTA) | 0.05% |
| Uric Nitrogen | 10.9% | Manganese (Mn) (EDTA) | 0.03% |
| Ammoniacal Nitrogen | 3.6% | Zinic (Zn) (EDTA) | 0.02% |
| Nitrate Nitrogen | 5.5% | Copper (Cu) (EDTA) | 0.01% |
| Phosphorus ($P_2O_5$) | 20% | Boron (B) | 0.02% |
| Potassium oxide ($K_2O$) | 20% | Molybdenum (Mo) | 0.001% |

## 30-10-10+TE


- 100% Water-Soluble Crystalline Fertilizer, suitable for foliar application and fertigation.
- Contains easily assimilable forms of macronutrients and chelated micronutrients in EDTA form.
- Ideal for the early stages of all crops, for periods of intense vegetative growth when plants need nitrogen.

**General Dosage:** Fertigation : 20-40 kg /Ha
**Foliar application:** 100-400 g / 100 liters of water

Reapply where necessary every 7-15 days. The frequency of applications should be adjusted based on the crop's needs and the base fertilization applied, and it should be determined by the responsible local agronomist..

**PACKAGING: 2kg • 5kg • 10kg • 20kg**

| ANALYSIS % | % | ANALYSIS % | % |
|---|---|---|---|
| N Total Nitrogen | 30% | Iron Fe (EDTA) | 0.05% |
| Uric Nitrogen | 24.5% | Manganese (Mn) (EDTA) | 0.03% |
| Ammoniacal Nitrogen | 3.5% | Zinic (Zn) (EDTA) | 0.02% |
| Nitrate Nitrogen | 2% | Copper (Cu) (EDTA) | 0.01% |
| Phosphorus ($P_2O_5$) | 10% | Boron (B) | 0.02% |
| Potassium oxide ($K_2O$) | 10% | Molybdenum (Mo) | 0.001% |

# CRYSTALLINE FERTILIZERS

## 10-5-40+TE


- 100% Water-Soluble Crystalline Fertilizer, suitable for foliar application and fertigation.
- Contains immediately available forms of macronutrients and chelated micronutrients in EDTA form.
- Ideal for the stages of fruit size increase and ripening for all crops.
- Its application helps improve the quality characteristics of the produced products.

**General Dosage:** Fertigation:20-40 kg /Ha
**Foliar application:** 100 - 400 g / 100 liters of water

Repeat applications as needed every 7–15 days. The frequency of applications is determined based on the crop's requirements and the basic fertilization that has been applied and should be set by the responsible local agronomist.

**PACKAGING: 2kg • 5kg • 10kg • 20kg**

| ANALYSIS % | % | ANALYSIS % | % |
|---|---|---|---|
| N Total Nitrogen | 10% | Iron Fe (EDTA) | 0.05% |
| Uric Nitrogen | 3% | Manganese (Mn) (EDTA) | 0.03% |
| Ammoniacal Nitrogen | 1% | Zinic (Zn) (EDTA) | 0.02% |
| Nitrate Nitrogen | 6% | Copper (Cu) (EDTA) | 0.01% |
| Phosphorus ($P_2O_5$) | 5% | Boron (B) | 0.02% |
| Potassium oxide ($K_2O$) | 40% | Molybdenum (Mo) | 0.001% |

## 10-25-25+TE


- 100% Water-Soluble Crystalline Fertilizer, suitable for foliar application and fertigation.
- Contains easily assimilable forms of macronutrients and chelated micronutrients in EDTA form.
- Ideal for all crops, during periods when high quantities of Phosphorus and Potassium are required.

**General Dosage:** Fertigation: 20-40 kg /Ha
**Foliar application:** 100 -400 gr /100 λίτρα νερό

Reapply where necessary every 7-15 days. The frequency of applications should be adjusted based on the crop's needs and the base fertilization applied, and it should be determined by the responsible local agronomist.

| ANALYSIS % | % | ANALYSIS % | % |
|---|---|---|---|
| N Total Nitrogen | 10% | Iron (Fe) (EDTA) | 0.05% |
| Ammoniacal Nitrogen | 5.9% | Manganese (Mn) (EDTA) | 0.03% |
| Nitrate Nitrogen | 4.1% | Zinic (Zn) (EDTA) | 0.02% |
| Phosphorus ($P_2O_5$) | 25% | Copper (Cu) (EDTA) | 0.01% |
| Potassium oxide ($K_2O$) | 25% | Boron (B) | 0.02% |
| | | Molybdenum (Mo) | 0.001% |

# PRIMER ALFALFA

**SOLID INORGANIC MACRONUTRIENT FERTILIZER**

- Inorganic NP fertilizer with micronutrients 12-34-0
- Primer Alfalfa is a water-soluble fertilizer specialized for alfalfa cultivation, containing Nitrogen, Phosphorus, Calcium, and Magnesium, and is exceptionally enriched with Boron, Zinc, Iron, Manganese, Copper, and Molybdenum. It is applied as a foliar spray.
- Primer Alfalfa provides all the necessary nutrients for alfalfa cultivation, complementing the base fertilization to meet its nutritional needs at a high level.
- It has particularly high concentrations of Nitrogen, Phosphorus, Calcium, and Magnesium, nutrients that alfalfa is particularly sensitive to their deficiencies.
- Its special composition ensures an extremely high absorption rate of nutrients and quick plant response.
- Applications of Primer Alfalfa contribute to better yield per hectare and higher-quality production.

**General Dosage:** Foliar application between cuts with 500g / 100 liters of water.

**PACKAGING: 2kg • 5kg**


| ANALYSIS % | % |
|---|---|
| N Total Nitrogen | 12 |
| Uric Nitrogen | 0.5 |
| Nitrate Nitrogen | 5.1 |
| Ammoniacal Nitrogen | 6.4 |
| TOTAL DIPHOSPHORUS PENTOXIDE ($P_2O_5$) | 34 |
| Diphosphorus pentoxide ($P_2O_5$) Water-Soluble | 34 |
| Πεντοξείδιο του φωσφόρου ($P_2O_5$), διαλυτό σε ουδέτερο κιτρικό αμμώνιο | 34 |
| CALCIUM OXIDE (CaO) | 7 |
| MAGNESIUM OXIDE (MgO) Water-Soluble | 2 |
| Iron (Fe) as a Complex with EDTA (Water-Soluble) | 0.03 |
| Zinic (Zn) as a Complex with EDTA (Water-Soluble) | 0.02 |
| Manganese (Mn) as a Complex with EDTA (Water-Soluble) | 0.02 |
| Copper (Cu) as a Complex with EDTA (Water-Soluble) | 0.01 |
| Molybdenum (Mo) Water-Soluble | 0.01 |
| Βόριο (B), ως άλας του νατρίου, υδατοδιαλυτό | 0.02 |

# PRIMER BARLEY

**SOLID INORGANIC MACRONUTRIENT FERTILIZER**

- Inorganic PK fertilizer with micronutrients 0-20-40
- Primer Barley is a water-soluble fertilizer specialized for barley cultivation, containing Phosphorus, Potassium, Magnesium, and is exceptionally enriched with Boron, Zinc, Iron, Manganese, Copper, and Molybdenum. It is applied as a foliar spray.
- Primer Barley provides all the necessary nutrients for barley cultivation, complementing the base fertilization to meet its nutritional needs at a high level.
- It has particularly high concentrations of Phosphorus, Potassium, and Magnesium, nutrients that barley is particularly sensitive to their deficiencies.
- Its special composition ensures an extremely high absorption rate of nutrients and quick plant response.
- Applications of Primer Barley contribute to better yield per hectare and higher-quality production.

**General Dosage:** Foliar application in spring with 500g / 100 liters of water.

**PACKAGING: 2kg • 5kg**


| ANALYSIS % | % |
|---|---|
| TOTAL DIPHOSPHORUS PENTOXIDE ($P_2O_5$) | 20 |
| Υδατοδιαλυτό, διαλυτό σε ουδέτερο κιτρικό αμμώνιο | 34 |
| POTASSIUM OXIDE ($K_2O$) Water-Soluble | 40 |
| Water-Soluble Magnesium oxide (MgO) | 2 |
| Boron (B), Water-Soluble | 1 |
| Copper (Cu) as a Complex with EDTA (Water-Soluble) | 0.5 |
| Molybdenum (Mo) Water-Soluble | 0.01 |
| Zinic (Zn) as a Complex with EDTA (Water-Soluble) | 0.7 |

# SPECIALIZED PRODUCT LINE

## PRIMER COTTON

**SOLID INORGANIC MACRONUTRIENT FERTILIZER**

- Inorganic PK fertilizer with micronutrients 0-40-26
- Primer Cotton is a water-soluble fertilizer specialized for cotton cultivation, containing Phosphorus, Potassium, Magnesium, and is exceptionally enriched with Boron, Zinc, Iron, Manganese, and Molybdenum. It is applied as a foliar spray.
- Primer Cotton provides all the necessary nutrients for cotton cultivation, complementing the base fertilization to meet its nutritional needs at a high level.
- It has particularly high concentrations of Phosphorus, Potassium, and Magnesium, nutrients that cotton is particularly sensitive to their deficiencies.
- Its special composition ensures an extremely high absorption rate of nutrients and quick plant response.
- Applications of Primer Cotton contribute to better yield per hectare and higher-quality production.
- It should only be used if there is a recognized need. Do not exceed the recommended application doses.

**General Dosage:** Foliar application in spring with 500g / 100 liters of water.

**PACKAGING: 2kg • 5kg**


| ANALYSIS % | % |
|---|---|
| DIPHOSPHORUS PENTOXIDE ($P_2O_5$) | 40 |
| Υδατοδιαλυτό, διαλυτό σε ουδέτερο κιτρικό αμμώνιο Πεντοξείδιο του φωσφόρου ($P_2O_5$) | 40 |
| POTASSIUM OXIDE ($K_2O$) Water-Soluble | 26 |
| Magnesium oxide (MgO) Water-soluble | 2 |
| Boron (B),Water-Soluble | 1.5 |
| Copper (Cu) as a Complex with EDTA (Water-Soluble) | 0.01 |
| Iron (Fe) as a Complex with EDTA (Water-Soluble) | 0.34 |
| Zinic (Zn) as a Complex with EDTA (Water-Soluble) | 1 |
| Manganese (Mn) as a Complex with EDTA (Water-Soluble) | 0.5 |
| Molybdenum (Mo) Water-Soluble | 0.01 |

## PRIMER SOL

- Primer Sol is a water-soluble fertilizer specialized for sunflower cultivation, containing Nitrogen, Magnesium, and Boron, and is exceptionally enriched with Zinc, Iron, Manganese, Copper, and Molybdenum.
- It is applied as a foliar spray. Primer Sol provides all the necessary nutrients for sunflower cultivation, complementing the base fertilization to meet its nutritional needs at a high level.
- It has particularly high concentrations of Nitrogen, Boron, and Magnesium, nutrients that sunflowers are particularly sensitive to their deficiencies. Its special composition ensures an extremely high absorption rate of nutrients and quick plant response.
- Applications of Primer Sol contribute to better yield per hectare and higher seed oil content.

**General Dosage:** Foliar application at the 4-8 leaf stage with 200-250g / 100 liters of water.
**PACKAGING: 2kg • 5kg**


| ANALYSIS % | W/W |
|---|---|
| Άζωτο (N) Αμιδικό | 28% |
| Magnesium oxide (MgO) | 2% |
| Boron (B) | 2.5% |
| Zinic (Zn) | 1% |
| Iron (Fe) | 1% |
| Manganese (Mn) | 1.2% |
| Copper (Cu) | 1.2% |
| Molybdenum (Mo) | 0.01% |
| Silicon dioxide ($SiO_2$) | 0.3% |

## PRIMER ORGANIC

▶ Primer Organic is a special soil improver, rich in seaweed extract, humic and fulvic acids.
▶ The action of all the organic bioactive factors contained in Primer Organic helps improve the uptake, absorption, and utilization of nutrients and micronutrients, as well as their movement within the plants, and increases plant resistance to adverse climatic and environmental conditions.
▶ It also helps improve water retention and soil aeration, resulting in better root development of plants.
▶ The addition of Primer Organic to the soil increases the overall productivity of plants and improves the quality characteristics of the produced products.

**Foliar Applications:** 1-2 liters / 1000 liters of water in repeated applications every 10-15 days.
**Soil Applications:** 10-20 L /Ha with fertigation systems in repeated applications every 10-15 days.

**PACKAGING: 1 L • 3L • 5L**


| ANALYSIS % | W/W |
|---|---|
| Seaweed Extract<br>Ascophyllum nodosum | 15% |
| Humic and Fulvic Acids | 20% |

## PRIMER FLOR

▶ Primer Flor is a specialized fertilizer containing Nitrogen, Magnesium, and Boron, exceptionally enriched with Zinc, Iron, Manganese, Copper, and Molybdenum.
▶ Primer Flor includes all the necessary elements that enhance flowering and fruit set in all crops, in ratios that contribute to the very high effectiveness of the product.
▶ Additionally, the special composition of Primer Flor ensures an extremely high absorption rate of nutrients and quick plant response, resulting in better yield per hectare, higher-quality production, and better handling of abiotic stress. It is recommended for foliar applications.

**General Dosage:** Repeated foliar applications with 200-250g / 100 liters of water.
**Olives:** First application before flowering and second application after fruit set.
**Peaches, Almonds, Cherries:** Application after petal fall, with repetition every 10-15 days.
**Large crops:** Application once plants have enough foliage to absorb the product.
**Apples, Pears:** Application at petal fall.
**Vineyards:** First application at the vegetative growth stage, second before flowering, and third after fruit set.
**Vegetables (Tomato, Cucumber, Pepper, etc.):** First application before the first fruiting, with repetition every 10-15 days.
**Leafy vegetables (Cauliflower, Cabbage, Broccoli):**First application when plants have enough foliage to absorb the product, with repetitions every 10-15 days.

**PACKAGING: 2kg • 5kg**


| ANALYSIS % | W/W | ANALYSIS % | W/W |
|---|---|---|---|
| Άζωτο (N) Αμιδικό | 26% | Manganese (Mn) | 1.2% |
| Magnesium oxide (MgO) | 2% | Copper (Cu) | 1.2% |
| Boron (B) | 3.5% | Molybdenum (Mo) | 0.01% |
| Zinic (Zn) | 1% | Silicon dioxide ($SiO_2$) | 0.3% |
| Iron (Fe) | 1% | | |

# ORGANIC-INORGANIC FERTILIZER

## BIOLEONARD
### 7-4-7 + 52% ORGANIC MATTER

- Harmless – odorless – ecological
- It is a new type organic-inorganic fertilizer (Group G) with trace elements and beneficial soil microorganisms (fungi, bacteria, actinomycetes).
- The Peat Lignite - Leonardite, which is the base of the product, is an unprocessed organic rock rich in humic acids.
- It enriches the soil with a healthy population of beneficial microorganisms while simultaneously improving the nutrient retention capacity in sandy soils.
- Contains 2% Fe, 1.5% Mg, and 2% secondary elements and trace elements (Ca, Cu, Mn, Mo, V, Zn).
- Contains 40% active humic substances.
- Contributes to comprehensive plant nutrition, containing plant growth regulators (e.g., gibberellins) that promote healthy plant development.
- Increases the absorption and availability of nutrients and minerals.
- Improves soil fertility by increasing the soil's cation exchange capacity.
- It is a slow-release fertilizer.
- Approved for organic farming EU2018 (848).

**Recommended Dosage**

**Olive trees (4 years old)**: 3-6 kg/tree before the start of vegetation.

**Stone fruits – Citrus**: 3-5 kg/tree at the beginning of vegetative growth.

**Greenhouse crops:** 1500-2500 kg/Ha during soil preparation.

**Outdoor vegetables:** 1200-1500 kg/Ha during soil preparation.

**Potatoes:** 1500 kg/Ha during soil preparation.

**Vineyard:** 0.2-0.5 kg/vine until the start of the vegetative period.

**Kiwi**: 1500 kg/Ha during soil preparation.