



**ROTA**  
ZIRAAT A.Ş.

# PRODUCT CATALOGUE

"NEW ROUTE OF AGRI"



@rotaziraat



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# Titan-X

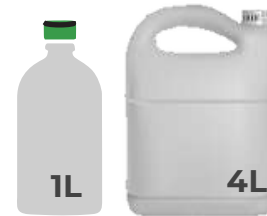
Organic Matter 30% + Organic Carbon 14% + Total Nitrogen (N) 2% + Potassium Oxide (K<sub>2</sub>O) 4%

- ❖ Titan-X is an important organic fertilizer used in all cultivated plants.
- ❖ Thanks to its special formula, it can be easily absorbed by the trunk, leaves, branches and root system.
- ❖ Thanks to the special organic substances it contains, it provides serious support for plants to get through the whole season in the best possible way.
- ❖ It helps your plant in climatic problems such as drought, high temperature and low temperature.
- ❖ It minimizes stress caused by temperature differences between day and night.
- ❖ It ensures that the soil is enriched with organic matter.
- ❖ It increases the effectiveness of the plant nutrition products it is used with.
- ❖ It helps dissolve macro and micro elements bound in the soil.
- ❖ It ensures healthy root formation and development.



## RECOMMENDED APPLICATION DOSES

Doz: 250-350cc/100lt/da





# Terramino

Liquid Organic Fertilizer Containing Amino Acid of Animal Origin

**Organic matter 52%**  
**Organic carbon 22%**  
**Organic nitrogen 8%**  
**Free amino acid 12%**

- It is the energy source of your plant. It contains high amounts of amino acids.
- Thanks to its soil regulator feature, it creates a strong root structure and allows plants to benefit more from nutrients.
- It contains many amino acids that your plant needs for healthy growth.
- Thanks to its special production technology, it does not clog drip irrigation systems and spraying equipment.
- It increases the intake of plant protection products and plant growth regulators with which it is used.
- It can be used on all plants.
- It provides positive effects on the development of roots, trunk, branches, leaves and fruits.
- There is no mixing problem except copper and mineral oils.



## RECOMMENDED APPLICATION DOSES

From the leaf: 250-300 cc/100lt/da  
Soil: 2lt/da



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# Smokin

Water Soluble Zinc (Zn) 6%

- Smokin is an important plant nutrition product containing chelated zinc. In cases of zinc deficiency, it meets this need of the plant thanks to its special formula.
- Smokin; It promotes cell division and transport of nutrients in the areas where it is applied. It accelerates, supports photosynthesis by increasing chloroplast synthesis, opens pores, and delays aging in leaves.
- It has positive results especially in vineyards, cotton and olives.



## RECOMMENDED APPLICATION DOSES

From the leaf: 150-250 cc/100lt/da





# Extender

Organic Matter 10% + Water Soluble Potassium Oxide (K<sub>2</sub>O) 2% + Alginic Acid 0.3%

- EXTENDER; It is liquid seaweed obtained from a good source. However, it would be incomplete to consider it only as seaweed.
- EXTENDER; It is an enriched complex product.
- EXTENDER; It can be easily absorbed by the leaves, trunk, branches and root systems of plants.
- EXTENDER; It is an excellent supporter that enables plants to perform photosynthesis in all environments and conditions.
- EXTENDER; It facilitates the intake of macro and micro elements.
- EXTENDER; It supports the plant with the rich natural herbal nutrients it contains.
- EXTENDER; It gives very good results even at low doses.
- EXTENDER; It can be easily applied by drone, sprayer and drip irrigation.



## RECOMMENDED APPLICATION DOSES

From the leaf: 60-75 cc/100lt/da



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# Catalina

*Organic Matter 8% + Total Nitrogen (N) 6% + Organic Nitrogen (N)0.4% + Nitrate Nitrogen (N) 5.6% + Magnesium Oxide (MgO) 2% + Calcium Oxide (CaO) 10% + Free Amino acids 2%*

- Catalina is a complex calcium with a very special formula containing nitrogen, magnesium and amino acids.
- As a result of long trials; It is an excellent product specially formulated by combining certain amounts of organic matter, nitrogen, magnesium and amino acids with calcium.
- Catalina (calcium oxide), a privileged calcium, strengthens the cell wall in plants. It prevents fruits from cracking.
- It minimizes problems such as tip nose and blossom end rot in plants such as tomatoes and peppers, darkening in potatoes, and bitter spots in apples and pears. \* It extends the shelf life and storage period of the products.
- The magnesium it contains helps transport calcium, which is very difficult to transport, to the tip.
- It is a high energy source. It affects the development of your plants for a long time. \* Thanks to the free amino acids it contains, it minimizes the effect of your plant on stress conditions.
- It can be easily applied by drone, sprayer and drip irrigation.



## RECOMMENDED APPLICATION DOSES

From the leaf: 200-300cc/100lt/da  
Soil: 2lt/da





# Kamina

Total Nitrogen (N) 3% + Urea Nitrogen (N) 3% + Water Soluble Potassium Oxide (K<sub>2</sub>O) 20%

- ❖ Kamina; It is a liquid plant nutrient containing 20% potassium and 3% Urea Nitrogen.
- ❖ Thanks to its special formula; It reduces water loss by preventing excessive transpiration in plants and provides resistance to drought.
- ❖ It increases the sweetness and aroma of fruits thanks to the special content it contains. It helps fill the fruit inside.
- ❖ It increases the transportation resistance and shelf life of fruits.
- ❖ Thanks to the organic chelate substance it contains, it becomes much easier and faster for your plant to absorb the potassium it needs.
- ❖ Except for calcium, it is easily mixed with many plant nutrition and plant protection products.
- ❖ It can be easily applied by drone, sprayer and drip irrigation.



## RECOMMENDED APPLICATION DOSES

From the leaf: 150-250cc/100lt/da  
Soil: 2lt/da







# Combo

N %4 + P2O5 %23 + MgO %5 + Mn %3 + Zn %5 + B %2

- It is a form of completely water-soluble macro and micro nutrients enriched with organic chelates. As a result of scientific studies, it was produced using special production technology.
- Thanks to its special formula, it is quickly absorbed by plants and provides a long-lasting effect.
- It helps meet the basic needs of plants. It is a powerful source of energy.
- It increases chlorophyll synthesis. Therefore; The leaves of the plant where it is used become darker green.
- Since it is a concentrated product, it gives the desired results at low application doses.



## RECOMMENDED APPLICATION DOSES

From the leaf: 75-150 gr/100lt/da  
Soil: 500g/da





# Solenza

Organic Matter 20% + Organic Carbon 10% + Total Nitrogen (N) 1% + Potassium Oxide (K<sub>2</sub>O) 1%

- ❖ Solenza; It is a complex plant nutrition product obtained by combining organic matter and organic acids.
- ❖ Thanks to its special formula, it can be used safely in all stages of plants.
- ❖ Thanks to the special content it contains, it seriously supports your plants in meeting their energy needs.
- ❖ It creates positive differences on the root, trunk, branch, leaf and fruit development of cultivated plants.
- ❖ It improves the root system by encouraging the formation of fringe roots and tap roots.
- ❖ It increases plants' utilization of water and nutrients.
- ❖ It encourages flowering and fruit set.
- ❖ Plants using Solenza will be less affected by climatic and environmental negativities.



## RECOMMENDED APPLICATION DOSES

From the leaf: 250-350 cc/100lt/da  
Soil: 2lt/da





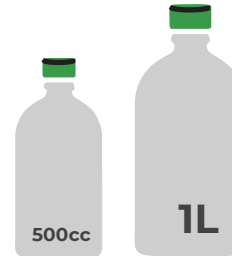
# Rotamix

- Rotamix is an effective mixing agent-spreader-adhesive.
- Due to its content, it makes it easier for chemicals used together in spraying tanks to mix with each other.
- It ensures that chemicals such as pesticides and fertilizers with which it is used cling to the leaf surface.
- It helps the chemicals used in pulverization to spread on the leaf surface and cover larger surfaces.



## RECOMMENDED APPLICATION DOSES

From the leaf: 50-100 cc/100lt/da





# Silibest

- Silibest is an effective organic silicon.
- Silibest is a specially formulated non-ionic, hydrophilic and hydrophobic organic silicone that reduces surface tension.
- It helps the chemicals used in pulverization to spread on the leaf surface and cover larger surfaces.
- It minimizes drift that may arise from winds during application.



## RECOMMENDED APPLICATION DOSES

Doz: 10cc/100lt/da



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# Starwet

- ❖ Starwet is an effective pH reducer-spreader-adhesive.
- ❖ It balances the pH of the spraying water.
- ❖ Due to its content, it reduces the pH sensitivity of chemicals used together in spraying tanks. It ensures
- ❖ that chemicals such as pesticides and fertilizers with which it is used are held on the leaf surface.
- ❖ It can be used to clean spraying machines.



## RECOMMENDED APPLICATION DOSES

From the leaf: 100-150 cc/100lt/da  
Soil: 2lt/da

