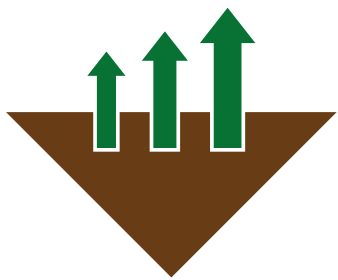




We did not inherit the earth from our ancestors,  
we borrowed it from our children



**EC Fertilizer**



# **AgroDetox**

**converts your soil to organic status**



## About Us

Pelbora was established in Istanbul with the aim of providing service to agriculture sector with its' products and experienced technical and administrative staff with its knowledge and experiences.

In order to meet healthier, more reliable and ecological products to all end consumers worldwide, we as Pelbora, set a main target of providing our more economical, more effective and completely organic products to the farmers.

Pelbora, which produces different types of fertilizers including products to be used in organic agriculture under the brand name AgroDetox®, will be biggest assistant of all farmers. Farmers will be able to meet the criteria for organic agricultural products certification with transforming their traditional agricultural farmland to organic agricultural farmland in a short time by using AgroDetox® Active and AgroDetox® Rich products. AgroDetox® products can be applied either dry spray or mixing with water to plant leaves. It can be also applied directly to the soil. AgroDetox® used in the gardens, flowerpots, greenhouse, fields and landless agriculture, improves the physical and microbiological structure of the soil. In addition, AgroDetox® which contributes to the further development of plant stalks, plays an active role in making more efficient use of water, reducing fungal growth, increasing resistance of plants against pests, and plays an active role in ensuring greater absorption of plant nutrients by the plant increasing plant absorption of soil nutrients with macro and micro elements in its content.

Through AgroDetox® products, Pelbora aims to be one of the most influential companies in agricultural industry in a very short time by increasing the quality and the quantity of the harvest with providing high commercial value products to the farmers.

Pelbora which follows the agricultural developments and innovations in other countries, as well as Turkey. It aims making a positive contribution to the agriculture sector with its environmentally conscious, socially responsible and observing human health awareness.

Our Vision is to make AgroDetox® a global brand in the direction of our experiences and principles. Our company has come up with the mission of providing organic farming with more economical products that have positive effects on human health, plant and soil biology.

## What are the benefits & effects of AgroDetox® Active & AgroDetox® Rich

- Increases plant growth and crop yields.
- Increases nutrient content within produce.
- Increases Mycorrhizae\* population in soil.
- Strengthen plant stalks.
- Reduces fungal growth.
- Increases diseases resistance within plants.
- Replenishes minerals depleted soils caused by over-farming.
- Converts conventional farmlands to organic farmlands rapidly.
- Reduces phosphate and chemical runoff into streams and lakes.
- Increases taste and flavour of the fruits and vegetables.
- Makes unusable but useful substances available for the plants.
- Detoxify contaminated soils.
- Speed up decompositions of minerals.
- Restore structure of the soils.
- Economise water and air.
- Increases ion exchange capacity.
- Increases buffering capacity of the soils.
- Increases numbers of useful microorganisms in soils by restoring and reconditioning the soil.
- Prevents leaching of chemical residues by absorption herbicides so that reduces toxins runoff into streams.

**\*Mycorrhizae** - "The word 'Mycorrhiza' is given to a mutualistic association between a fungus (Myco) and the roots (rhiza) of the plants. This association is symbiotic because the relationship is advantageous for both organisms. The macrosymbiont (the plant) gains increased exploration of the soil (rhizo sphere) with the intricate net of hyphae [branching filaments of a fungus] that increases the uptake of water and nutrients from the soil interphase. The microsymbiont (the fungus) uses the carbon provided by the plant for its physiological functions, growth and development.





### How does AgroDetox® Active & Rich make any plant resistant towards pests?

It is a known fact that, any undesirable pests are duly controllable through rich minerals available in the soil. Because the perfectionist code of smart nature is directing the destroyer insects (pests) solely towards unhealthy plants. The task of these pests is to eliminate the imperfect in the nature and to introduce into new growth. AgroDetox® which is rich in respect of minerals, increases the health and resistance of any plant and thus protects its against such destroyer pests making it undesirable to them.

### How does AgroDetox® Active & Rich enable to uptake bioavailable minerals?

AgroDetox®'s silica content produces abundance of Mono and Ortosilicic acids when AgroDetox® is combined with water. Silicic acids are the one which drive the process to make minerals bioavailable. Silicic acids have been found to improve mineral uptake in plants, thereby increasing nutritional content significantly.

Properly used AgroDetox® generates abundance of bioavailable minerals which accelerates plants to thrive. The results are; less disease, stronger stalks, and greater nutritional yields.

AgroDetox® is an excellent means of restoring the minerals presence in soils that have been depleted from over-farming.

AgroDetox®'s silicic acids, which are formed by a combination of large-spectrum minerals, trace and rare elements, make AgroDetox® more effective than other mineral-based fertilizers on the market for plants to take nutrients. AgroDetox® can be used safely and effectively instead of many products used by farmers because of the multiple benefits AgroDetox® alone provides in this large area.

### Contents of AgroDetox® Active & Rich

AgroDetox® Active & Rich, a wide spectrum of minerals include the following elements; ( all in organic form )

Barium	Nickel	Magnesium	Iron	Cadmium	Calcium	Sodium	Silicon
Dysporium	Lanthanum	Bromine	Beryllium	Thallium	Ytterbium	Tellurium	Thulium
Titanium	Rubidium	Zinc	Selenium	Potassium	Copper	Vanadium	Gallium
Lithium	Sulphur	Boron	Samarium	Niobium	Molybdenum	Thorium	Bismuth
Iodine	Phosphorous	Scandium	Gadolinium	Hafnium	Aluminum	Holmium	Strontium
Rhenium	Neodymium	Fluorine	Erbium	Germanium	Manganese	Zirconium	





# restore your soil...

## How AgroDetox® Active & Rich work?

The silica content in AgroDetox® Active & Rich produce abundance of Mono and Orthosilicic Acids when it is mixed with water. These silicic acids contribute to make minerals bioavailable. Therefore, plants can uptake the provided minerals by AgroDetox® as well as existing unused minerals in soil. It cleans up the soil by adsorbing heavy metals, residual pesticides and insecticides.

## AgroDetox® & Organic Agriculture

In the recent years, organic products have assumed a major attraction of the general public. At this point, AgroDetox® would be the major assistant and supporter of those farmers who desire to meet the demand towards organic products. Farmers shall be enabled to transform their traditionally agricultural land within very short time into organic agricultural land; cleaning up toxic soils, replacing lost nutrients in the soil helps to restore the land to organic status. It is well known that soils poisoned with phosphate produce lesser yields and lower quality crops. The easiest and fastest method of getting rid of residual locked phosphate is to use AgroDetox® at right time and amount.

## Organic & Mineral Fertilizers and Soil Improvers AgroDetox® Active & Rich

### When & How to apply ?

According to the level of toxicity and quality of the soil, as well as the type of plants to be cultivated, at any time of the year, it might be used:

- Following harvest,
- In the winter season in greenhouses,
- Right before planting or seeding,
- Right after planting or seeding,
- At such special occasions when the plant is required to be nourished strongly,
- Whenever diseases are observed,
- Whenever harmful mold and fungi are observed,
- When any stress is observed on the plant,
- In the over irrigated agricultural lands,
- Agricultural lands with acidic characteristics,
- For agricultural land weak in organic colloids,
- Agricultural lands with high level of toxicity caused by chemical fertilizers and pesticide residues.

**AgroDetox® Active** is in powder and/or granular form and can be applied directly to the soil. For gardens, pots, greenhouses, fields and soilless agriculture.

**AgroDetox® Rich** is in powder form and can be applied either dry to plant leaves or mixing with water for foliar and/or drip applications. It is also used in germination of seeds, it is observed that depending on the former quality of the soil, growth at a rate of 2 to 10 times is achieved in the first three weeks.

Guaranteed Analysis	w/w(%)
Organic Content	16
Total (humic+fulvic) acid	12
Total SO <sub>3</sub>	2
Max. Humidity	20
pH	5-7



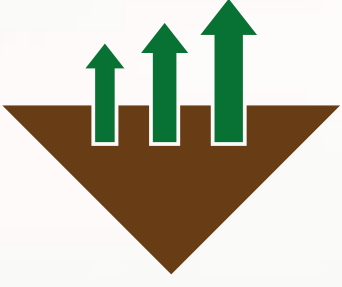


### Application Dosage of AgroDetox® Active & AgroDetox® Rich

AgroDetox® Active		AgroDetox® Rich	
Plants	Soil Use (kg/da)	Foliar Use (gr/da) (with 100 lt water)	Drip (kg/da) (with 1 ton water)
Tomatoes-Pepper-Aubergine Cucumber-Watermelon-Melon-Pumpkin	100	500	2
Strawberry	160	300	3
Vineyard-Kiwi fruit	150	500	4
Banana	135	500	5
Citrus ( orange, lemon, etc )	150	500	3
Apple-Pears-Quince	160	500	3
Cherries-Peach	150	500	3
Apricot-Plum	160	500	3
Olive	150	500	4
Corn-Sunflower	75	200	--
Patato	150	500	--
Sugar Beet-Carrot	100	500	--
Wheat-Barley-Rice	50	200	--
Cotton	100	500	--
Bean-Lentil-Chickpea	75	250-300	--
Hazelnut-Walnut-Peanut	100	500	5
Lettuce-Cabbage-Spinach	80	200	--
Onion-Garlic	80	200	--
Green fields, grass	50	200	2,5
Ornamental plants	75	200	2
Greenhouse	200	--	--
Fig	150	500	--
Canola	80	200	--

\* Numbers, ages, types of trees should be take into consideration before application.

\* It is recommended to make soil and/or leaf analysis.



# AgroDetox

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pelbora

Tarımsal Ürün Geliştirme ve Pazarlama A.Ş.