BIOARM

Liquid Growth Biostimulant

bio
Suitable for organic agriculture

BIOARM is a growth biostimulant which contains beneficial microorganisms that exist naturally on the leaves, the shoot and in the rizosphere of most plants species. The beneficial microorganisms of **BIOARM** contribute to the absorption of nutritional elements by the cellular tissues of leaves while they produce substances that increase the resistance of plants against various environmental stress factors. At the same time the liquid substrate of **BIOARM** is rich in chelated manganese and oligosaccharides. Manganese, apart from being a structural element of chlorophyll, participates to the activation of many enzymes, controlling this way the biosynthesis of proteins, biostimulants and other biomolecules. Oligosaccharides ensure the nutrition of the microorganisms while they contribute to the nutrition and robustness of cultures.

PROPERTIES

- It increases the resistance of the plant against stress environmental factors.
- It increases the beneficial microbial population of the leaves.
- It activates and accelerates the biological procedures that take place on the above-ground plant part.
- It increases the synthesis of proteins and vitamins by the plant.
- It increases the synthesis of chlorophyll as well as the availability of phosphor and calcium to the plants.
- It corrects manganese deficiency in all cultures.
- It promotes the cellular division of plant cells and contributes to the growth of cultures.
- It does not harm the beneficial insects.
- It is an environmentally friendly product that does not disturb the balance of the ecosystem.

STANDARD ANALYSIS

Beneficial microorganisms	>1x10^{12} cfu*/lt
Manganese (Mn)	0,1 %

*cfu: colony forming units

Life timespan
6 months in environmental conditions and 1 year in fridge

APPLICATIONS

BIOARM is applied mainly foliarly by complete spraying of the foliage surface and particularly of the lower surface of leaves. However, it can be also applied on the ground by spraying or by drip irrigation.

Foliar application: 2.5-3 l per hectare. Usual dilution rate 1:150.

Ground application: 2.5-3 l per hectare. Minimum dilution rate 1:150.

Applications should be repeated once a week. At least 3-4 applications per farming period are recommended.

HUMOFERT

1 Ermou & Theotokopoulou str., 14452 Metamorphosis, Greece
Tel. +30 210 284 5891, Fax. +30 210 281 7971
E-mail: info@humofert.gr, Web Site: www.humofert.gr