

BIOACTIVE MICROBIAL ROOT STIMULANT

RizoMyc

It contains Endomycorrhizae
of the genus *Glomus* sp.

bio
Approved
for use
in organic
agriculture

Net Content

1 L



Produced by

HUMOFERT



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PROPERTIES-BENEFITS

- It elicits root growth and promotes its penetration into the soil.
- It increases water absorption by plants root system.
- It increases plants tolerance to drought.
- It increases nutrients uptake by the root.
- It supplements plants nutrition in nitrogen, phosphorus and trace elements.
- It improves soil structure and architecture.
- It provides for a better soil aeration.
- It increases the beneficial microbial population of the soil and it improves its biological structure.
- It enhances plants vigor.
- It limits root rots.
- It accelerates plants growth rate.
- It increases yields.
- It is an environment-friendly product which does not disturb the balance of the ecosystem.
- It does not contain plant pathogens, since it is produced under sterile conditions.

RIZOMYC

SYNTHESIS

Endomycorrhizae (<i>Glomus intraradices</i> , <i>G. clarum</i> , <i>G. mosseae</i>)	1x10 ⁵ cfu*/L
Beneficial bacteria (<i>Bacillus megaterium</i> , <i>Azotobacter sp.</i>)	1x10 ¹¹ cfu/L
Beneficial fungi (<i>Trichoderma sp.</i>)	1x10 ¹¹ cfu/L
Manganese (Mn)	0,1 %
pH 7,1 - Conductivity: 300 mS/cm - Salinity: 0,1 ppt	

*cfu: colony forming units

RizoMyc is a bioactive microbial solution which contains spores and hyphae of endomycorrhizal fungi of the genus *Glomus* sp., that enhance root growth and elongation, facilitating this way nutrients and water uptake by the plant. In addition, it contains beneficial rhizosphere bacteria and soil fungi which excrete substances that contribute to the formation of new rootlets, to the growth of the plant and the acquisition of resistance against various environmental and biotic factors.

APPLICATION METHOD-RATES

It is applied by irrigation or soil spraying before planting or directly after transplanting. Moreover, it can be applied by dipping plantlets, cuttings, bare root nursery trees before they are transplanted. It is essential for **RizoMyc** to be applied close to the roots area in order for the mycorrhiza to be successfully established on the root.

Tomato, Aubergine, Pepper, Cucumber: Greenhouse 10-20 L/he. Open field: 5-10 L/he. Apply after the basic organic fertilization, a bit before planting or directly after transplanting. Repeat 1-2 weeks later.

Watermelon, Melon, Leaf vegetables, Legumes, Aromatic plants: 5-10 L/he after the basic organic fertilization, a bit before sowing or transplanting or directly after transplanting. There can be a repetition 1-2 weeks later.

Tobacco: 10-20 L/he. Apply during transplanting in the transplanting water or directly after it. There can be a repetition 1-2 weeks later.

Strawberry: 10-20 L/he. Apply during transplanting or at the initiation of growing season in case of perennial plants.

Trees, Vine: 10-20 L/he. Once or twice a year by watering around the trunk. In case of young plantlets, apply by dipping in a proportion of 1 L/50-100 liters of water.

Seedbeds: 250-500 ml/100 L water.

Plantlets: 1-2 L/1000 L water. Apply via irrigation water.

Lawn: 10-20 L/he. Apply directly after sowing or the installation of premade lawn. Repeat 1-2 weeks later.

Hydroponics: 1 L/1000 L of water via the hydroponic system. Replenish by adding 500ml/1000 L of water each time water is added to the system.

Note: In order to maximize the benefits of micorrhizae, it is essential to apply agricultural practices such as minimum tillage, reduced use of chemical fertilizers, crop rotation with minimal fallow, rational pesticide application and adequate organic substance presence in the soil.

COMPATIBILITY

It can be combined with organic fertilizers, soil conditioners and soil activators. It cannot be combined with chemical fertilizers, fungicides, bactericides, copper and other chemical products. In any case it is recommended to avoid application of any chemical soil disinfection product for at least 7-10 days before **RizoMyc** application.

RizoMyc must be applied after soil disinfection. It is not phytotoxic even if applied at a 10-times concentrated dosage.

STORAGE CONDITIONS

The product should be stored at a cool place. Keep it tightly closed in the original package. If opened, it should be used shortly, otherwise it should be kept in the fridge (4°C) tightly closed. Do not leave the lid open after the application. The product has a life span of 6-8 months in room conditions and of 1-2 years at 4°C counting from its production date. Keep it out of direct sunlight as well as of any heat source. Empty bottles should not be reused. Keep it out of the reach of children.

PRECAUTIONS

If it falls on your skin or clothes, wash well your skin with soap and water. If in the eyes, remove any present contact lens and rinse off with plenty of water. If the irritation persists, seek medical advice. The product should not be used by people under immunosuppression.

SHAKE WELL BEFORE EACH USE

Approved for use in organic agriculture according to Reg. (EC) 889/2008: Annex I; (Micronutrients, Microorganisms)
RESTRICTION: Micronutrient deficiency must be documented by testing or competent professional award.

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