



Bioferti Soil

MYCORRHIZAL COMPLEX FOR LAWN AND GRASS



Registration number for organic fertilizers

0034192/21

COMPOSITION

Type of organic soil improver:
Vegetable improver
uncompressed

Mycorrhizae content: ... 5%
Funnelliformis caledonium,
Glomus mosseae,
Rhizoglomus irregulare

Content in Rhizosphere
bacteria:
..... 10^{10} CFU/g

Trichoderma present:
..... 10^8 spores/g
Trichoderma ssp

Absence of GMOs and
pathogens

C.P CHARACTERISTICS

pH 7.00 +/- 0.5
Density 1.00 +/- 0.5
Color Light Brown
Smell Negligible
Solubility Dispersible

FORMULATION

Liquid

CLASIFICATION

No one

PACKAGING

Tank 1 L
Tank 5 L



Made in Italy

PRODUCT WITH SPECIFIC ACTION INOCULUM OF MYCORRHIZAL FUNGI

The mycorrhizae contained in **BIOFERTI SOIL** are indicated for the colonization of soils poor in organic substance or with fatigue problems. They contain a large number of endomycorrhizae propagules that allow permanent or semi-permanent crops, after sowing or transplantation, to adapt to the different types of soil, including sandy ones. Its action is aimed at strengthening the soil's microflora and contributing to improving its biological potential. The rhizobacteria contained in **BIOFERTI SOIL** have a biofertilizing action. They make nutritional elements available in organic form such as nitrogen and phosphorus, naturally present in the soil and not available directly to plants. The greater exploratory capacity of the roots results in less water stress during the summer season and a continuous growth even in the spring periods. Rhizobacteria express their potential in fields poor in organic matter or heavily exploited. For this

purpose, it is recommended to combine the distribution with an adequate amount of **START**, in the periods following application. The presence of *Trichoderma* allows to have a greater synergy, at the level of stimulation and production of substances, able to promote the development of the plant (PGPR).

In addition, it stimulates plants by producing elicitorial substances, such as jasminic acid or other secondary metabolites, which can be translocated throughout the plant with the phloem. The product is also available in granular form.

Microorganisms present:
Rhodopseudomonas palustris,
Azotobacter vinelandii,
Bacillus megaterium
Trichoderma present:
..... 10^8 spores/g
Trichoderma ssp

DOSES AND METHODS OF USE

BIOFERTI SOIL, being a mixture of live organisms, is not compatible with products that contain copper and it is not appropriate to use it with fungicides. To allow to promote the initial development of all microorganisms contained in the mixture, it is recommended to mix in a ratio of 1:1 with **CARBOGEN L**, before application. The optional activation will allow a more stable and immediate symbiosis between mycorrhizas and roots with a prolonged activity over time. Excess nitrogen or potassium inhibit the development of mycorrhizae. Apply evenly by wetting the growing media or soil directly, before sowing or transplanting with 50-200 ml of product per cubic meter. Repeat the application if needed.

- Nursery: distribute 2 ml of product per seed tray.
- Greenhouse vegetables, strawberries and flowers: 200-400 ml/1000 m², 100-300 ml/hl.
- Crops in open field: 1-3 L/ha.
- Lawn and grass: 1-3 L/ha perform an abundant wetting after distribution.
- Trees, cuttings, rootstocks and potted plants: disperse with injector pole in the root area a sufficient amount to be applied around the whole plant.
- Ornamental, aromatic, fresh herbs in pots: 1 L per 500-700 pots.
- Extensive crops (maize, straw cereals, grain crops): 1-3 L/ha.

WARNINGS: Do not apply to dry substrates. Check for incompatibilities in advance. It is advisable to avoid excesses of phosphate-potassium fertilizations that could slow down the development of mycorrhizals.