



**ITALPOLLINA**  
HELLO NATURE!



## GROWTH STIMULATION WITH TRICHODERMA ATROVIRIDE

Trichoderma is a natural, beneficial fungus living in soils and plants. Italpollina's Trichoderma atroviride strain (MUCL45632) stimulates plant development and increases plant productivity thanks to:

- Increased absorption of nutrients
- Effectiveness of the use of nitrogen
- Increased solubility of nutrients in the soil in particular phosphorus.

This fungus is also able to induce the formation of rootlets and stimulate the colonization of the rhizosphere and root by other beneficial micro-organisms.

**TIFI** is a product with a very high concentration of propagules. Its action is quick and has great persistence. Its use is easy and the application is flexible (mixed in the substrate/soil, applied with irrigation system).

## COMPOSITION

Trichoderma atroviride MUCL 45632	2 x 10 <sup>8</sup> CFU/g
Mycorrhizal fungi	10 spores/g
Formulation	Micronized wettable powder
Granulometry	< 500 µm

It does not contain genetically modified organisms or pathogenic organisms.

## THE ADVANTAGES

- Enhances plant growth and prevents stress.
- Optimization of plant nutrition and fertilization.
- Long lasting action from the beginning throughout the crop cycle
- Mutualistic with all the plants
- Easy to apply

European patent EP1876232



# TRICHODERMA

Trichoderma are ubiquitous fungi in natural eco-systems, ranging from 10 to 10.000 spores/gram of land, fields and forest soils. Beneficial Trichoderma establishes mutualistic relations with plants and their microbiologic companions, based on nutriment exchanges. Rhizosphere, the soil directly in contact with roots, is a zone of intense microbial life where beneficial Trichoderma strains expand, promoting plant growth by auxin analogues, solubilizing phosphorous and minerals taken-up by plants, activating vegetal defences and cooperating with the symbiotic ecto-and endo-mycorrhizae, for the great profit of plants and crops.

The many species discovered around the world have some common, and many distinctive features. Our Trichoderma atroviride is a green mold, non-modified organism, fast growing and long lasting, expressing plant growth factors and totally compatible with nodule forming bacteria and Italpollina mycorrhizal fungi. It gives its best effects when applied early at sowing and planting. Trichoderma atroviride, strain MUCL45632, offers a good balance between plant care and productivity enhancement of crops.

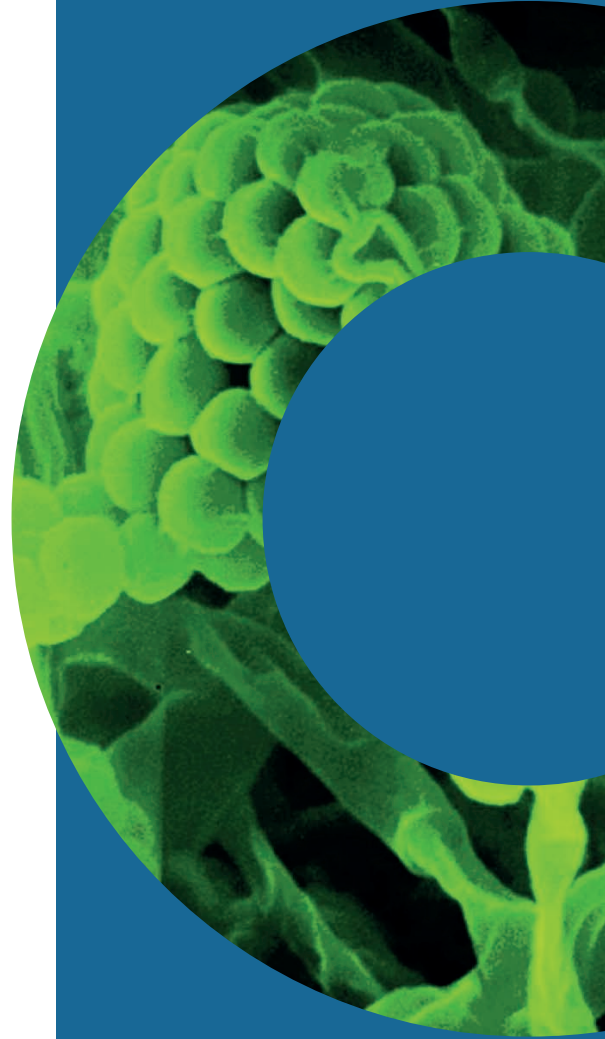


## USE AND DOSE

Apply the product as a preventive measure on soils and on plants according to the indications below. Repeat the application with a minimum dose to assure a high activity of Trichoderma throughout the crop cycle especially under diverse environmental conditions.

Crops	Dose recommended	Use
Nursery	250 - 500 g/ m <sup>3</sup> of peat	Mix the product with potting soil or growing media just before sowing.
Turf	20-50 g/100 m <sup>2</sup>	Distribute the product using fertigation system.
Horticulture	1 - 2 kg/ha	Distribute the product at sowing or transplanting manually or through the fertigation system. Repeat after 7-15 days depending on the needs.
Vineyards	4 g /plant	Distribute the product directly into the hole and repeat the application after 2-3 months during the first year with irrigation or soil injector.
Orchards	8 g /plant	Distribute the product directly into the hole and repeat the application after 2-3 months during the first year with irrigation or soil injector.

# TIFI



### PACKAGING

1 kg



*Suitable for organic farming according to EC REG 834/2007*

**ITALPOLLINA S.p.A.**  
Località Casalmenini, 10  
37010 Rivoli Veronese (VR) Italy  
Tel +39.045.6205511  
info@italpollina.com  
[www.italpollina.com](http://www.italpollina.com)

Follow us   