



Allowed  
in organic  
farming



# Matozill

## MORE PERFORMING ROOTS

Registration number for organic fertilizers

0009125/15

### COMPOSITION

Type of organic soil improver:  
Vegetable improver  
uncompressed

Mycorrhizae content: . . . . 1%  
*Glomus mosseae*,  
*Glomus intraradices*

Content in Rhizosphere bacteria:  
. . . . . 10<sup>2</sup> CFU/g

Absence of GMOs and  
pathogens

### C.P CHARACTERISTICS

pH . . . . . 6.80 +/- 0.5  
Density . . . . . 1.00 +/- 0.5  
Color . . . . . Amber  
Smell . . . . . Negligible  
Solubility . . . . . Dispersible

### FORMULATION

Liquid

### CLASSIFICATION

No one

### PACKAGING

Bottle . . . . . 1 L  
Tank . . . . . 5 L

### APPLICATION



Made in Italy

## SPECIFIC ACTION PRODUCT INOCULUM OF MYCORRHIZAL FUNGI

### Main features:

MATOZILL containing *Pochonia chlamydosporia* and *Purpureocillium lilacinum* is an advanced, multi-functional solution to support plant growth, regenerate soil and improve crop health and resilience in a sustainable manner. These two fungi work together to provide a range of benefits, ranging from soil improvement to natural management of phytoplasmic nematodes.

### Mechanism of action

*Pochonia chlamydosporia* e *Purpureocillium lilacinum* colonize the rhizosphere and may penetrate into root tissues as endophytes. This process improves nutrient uptake efficiency and

stimulates the root's ability to explore the soil. During their activity, they release lytic enzymes (such as proteases and chitinases) and bioactive metabolites, which increase the availability of nutrients and directly improve plant growth. In addition, the fungus activates the metabolic pathways of induced systemic resistance (ISR), making plants more prepared to defend themselves against future attacks. They contribute to the improvement of soil microbiome and stimulate crop growth through their protective activity and ability to compete with organisms that are harmful for space and nutrients

### INSTRUCTIONS FOR USE

- Open field and greenhouse horticultural crops: 1-2 L/ha
  - Fresh-cut salads: 100-200 ml/1000 m<sup>2</sup>
  - Strawberries: 100-200 ml/1000 m<sup>2</sup>
  - Fresh and aromatic herbs: 100-200 ml/1000 m<sup>2</sup>
  - Flowers and ornamentals: 100-200 ml/1000 m<sup>2</sup>
  - Fruit [pome trees (apple, pear, etc.), drupaceae (apricot, peach, cherry, etc.), Actinidia (kiwi)]: 1-2 L/ha
  - Grapes/ olive tree: 1-2 L/ha
  - Grass: 1-2 L/ha
- Shake well before use
  - Apply the product evenly
  - Reapply the product if necessary