

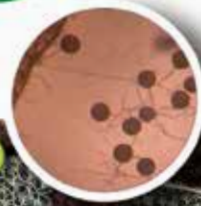
MYCOGEL

Pure mycorrhizae in gel without clays or other non-soluble substances.

without Mycogel



with Mycogel



Mycorrhizosphere

Why Mycorrhizae?

Mycorrhizae's ability to provide higher absorption of water and nutrients to plants is so critical for their survival, that they secrete carbohydrates to feed them.

Mycorrhizae are ubiquitous beneficial fungi that live in the soil but are eliminated in cultivated and fumigated soils so must be replenished. Mycorrhizae deplete quickly without living plants as a host.

Mycorrhizae increase plant productivity - yield and growth.

Greater access to nutrients & water

For every cm of root, around 3m of fungus structures emerge which enables the plant to access nutrients and water from areas the root itself could not reach.

Increased tolerance to environmental stresses

Mycorrhizae trigger changes in the antioxidant and osmolyte metabolisms of plants that ameliorate the negative effects of stresses.

- Improved drought tolerance as vesicles are created, storing water until needed by the plant
- Inhibit translocation of toxic ions such as Na

Why Mycogel?

Mycogel - fast acting

Liquid contains germinated mycorrhizae, hyphae and secondary metabolites for immediate colonisation plus slower acting spores. This means plants have better access to nutrients within 2 weeks which is critical at planting. Competitors contain spores that take 2 weeks longer to germinate.

Higher concentration + purity guaranteed:

50,000,000 ufc/L compared to 500,000 ufc/L in competitor products. Produced in sterile laboratory conditions using patented process that guarantees purity.

Mycogel also contains hyphae, germinated mycorrhizae and secondary metabolites to act immediately.

Savings

Faster and better growth
Improved quality and yield

MYCOGEL

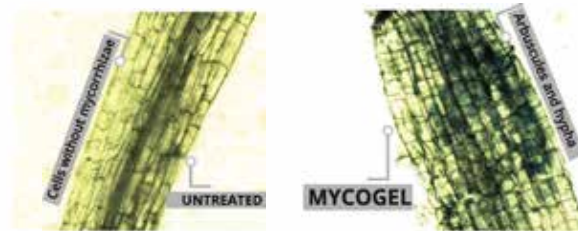
Trials



30 days after transplant

Cherry Tomatoes

Yield 19.3% higher; 14.4% more flowers/bunch



Mycorrhizae clearly in the roots



Greenhouse cucumbers

Yield - 12.5% increase t/ha : Brix - 12.5% increase
Lower weight and higher fruit length make cucumbers more attractive to consumers.



Strawberries

Improved quality (shape and colour) consistently higher throughout season leading to higher prices.

Rates

FERTIGATION/ SOIL SPRAYING

1 L/ha.

Apply 7-10 days after the transplant.

Recommendations:

- Make 1 application at the beginning of the crop cycle.
- Avoid chemical fertilization within 2 weeks after MYCOGEL inoculation. If it is not possible, reduce recommended rate to 40% and avoid the application of phosphorus.
- Try reaching young roots, it is recommended to make the application during seedling stage, 7 - 10 days after transplant. In the case of adult plants, apply on the area where the younger roots are located.
- Make sure that the irrigation systems do not contain fertilizer, fungicide, or pesticide remains.
- MYCOGEL is compatible with the Propamocarb, Metalaxyl, Hymexazol, and Phosetyl-Al fungicides. In the case of applying other fungicides, contact our Technical Department.
- Once opened, keep cool and use within three days.