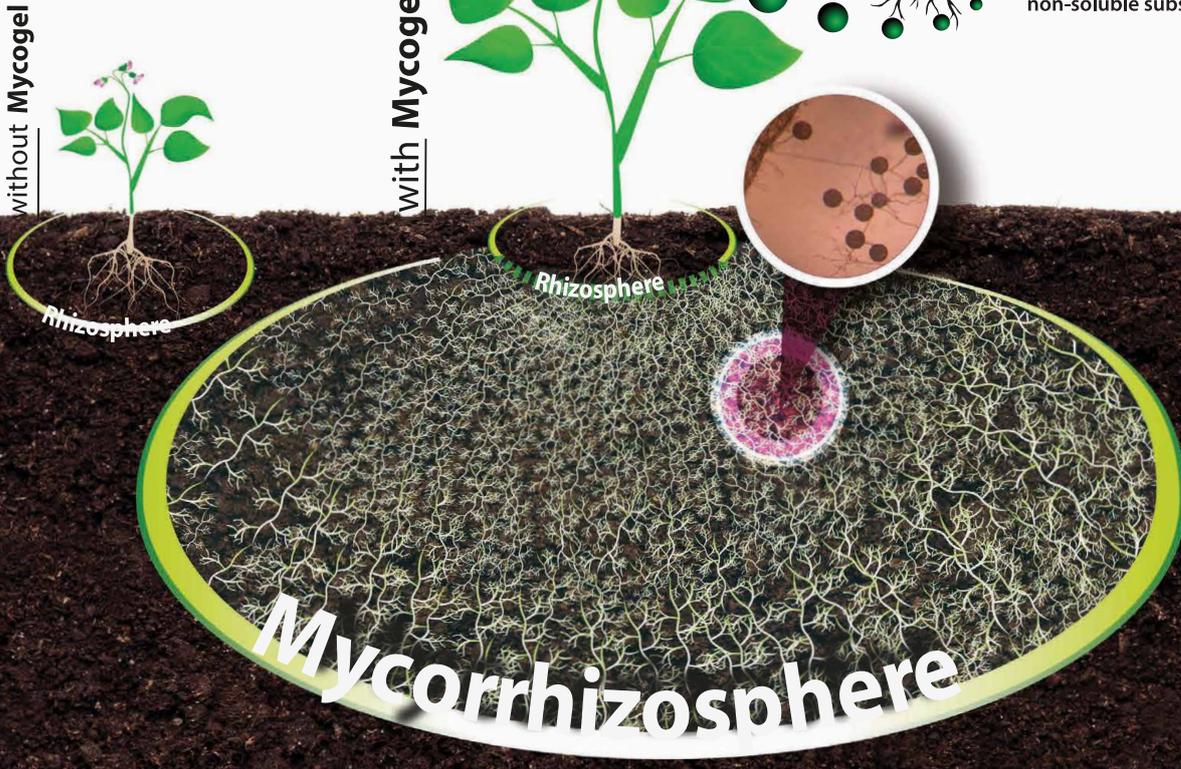


# MYCOGEL

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



## Why Mycorrhizae?

Mycorrhizae are so important to plants that they secrete carbohydrates to feed them.

Mycorrhizae are ubiquitous beneficial fungi that live in the soil. They increase plant productivity - yield and growth.

### Greater access to nutrients & water

For every cm of root, around 3 m 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

### Eliminated in cultivated soils

Plants depend on mycorrhizae which are eliminated in cultivated and fumigated soils so must be replenished. Mycorrhizae deplete quickly without living plants as a host.

## 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

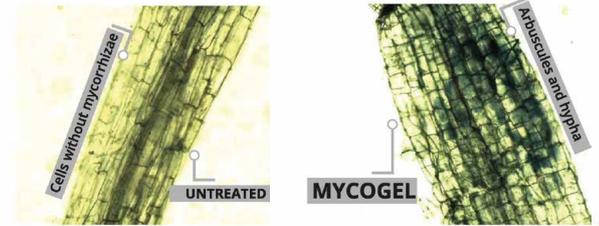
# Trials



30 days after transplant

## Cherry Tomatoes

Yield 19.3% higher; 14.4% more flowers/bunch

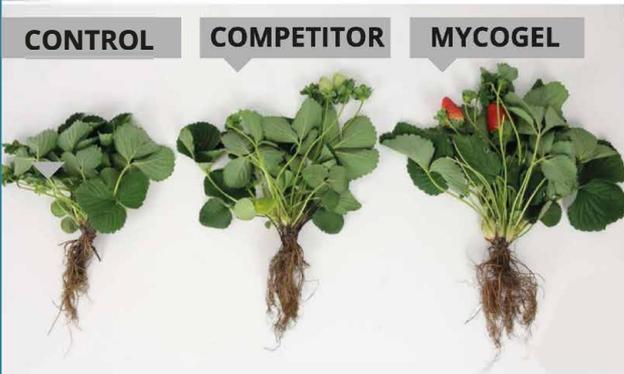


Mycorrhizae clearly in the roots



## 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.