

# MYCORe

Bio Fertilizer



DHANUKA AGRITECH LIMITED

# WHAT IS MYCORRHIZA FUNGI

Most of the crops form a symbiosis mutually advantageous living arrangement with beneficial fungi.

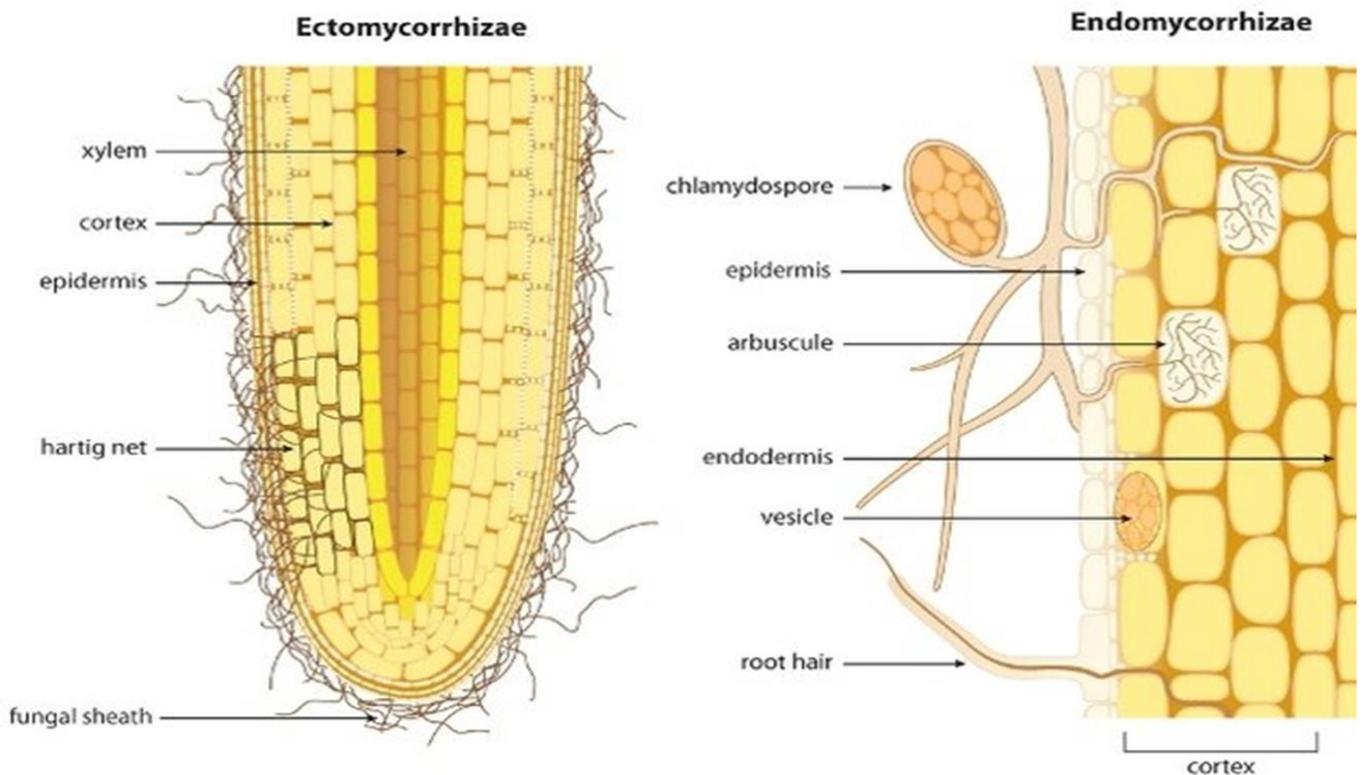
The roots are colonized by the fungus, which also forks through the soil .The combination of root and fungus is called Mycorrhiza.



“The term Mycorrhiza refers to the role of the fungus in the plant's Rhizosphere, its root system. Mycorrhizae play important roles in plant nutrition, soil biology and soil chemistry.”

## TYPES OF MYCORRHIZA

In a Mycorrhizal association, the fungus colonizes the host plant's root tissues, either Intracellularly as in Arbuscular Mycorrhizal fungi (AMF or AM) or Extracellularly as in Ectomycorrhizal fungi.

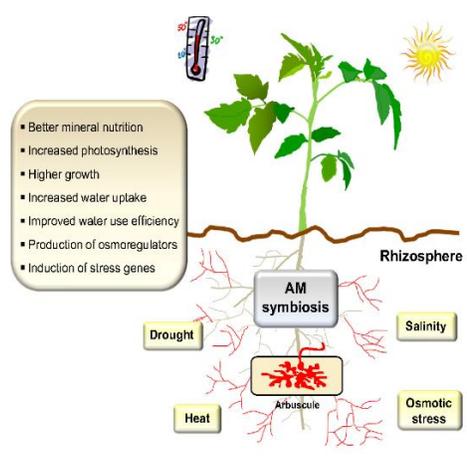


Mycorrhizas are commonly divided into *Ectomycorrhizas* and *Endomycorrhizas*. The two types are differentiated by the fact that the hyphae of Ectomycorrhizal fungi do not penetrate individual cells within the root, while the hyphae of Endomycorrhizal fungi penetrate the cell wall and invaginate the cell membrane.

# WHAT IS MYCORE

Contains spores of Endo Mycorrhizae (Arbuscular Mycorrhizal Fungi) and fragments of fungal filaments in granular formulation.

Crops form a symbiotic relationship with beneficial Fungi. Roots are colonized by Fungus, which also forks through the soil.

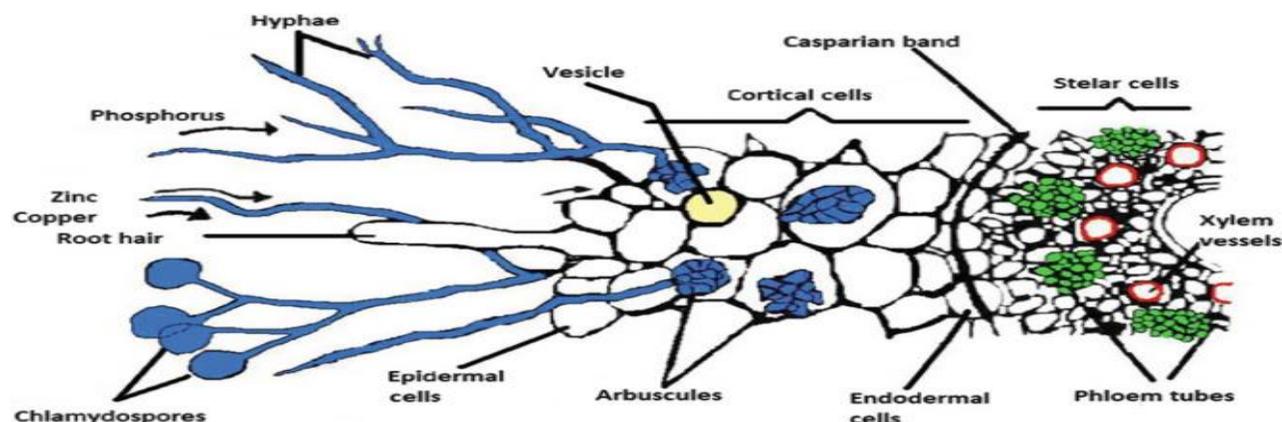


जब जड़ों में हो जान  
बढ़ेगी उपज, बढ़ेगा मान

# HOW MYCORE WORKS

On application, the spores of Mycorrhiza penetrates into the roots of the crops and establishes from inside the root .

It forks through the deep soil and facilitates the crop with more nutrients (Nitrogen, Phosphorous, Calcium, Zinc, magnesium & etc. and water).

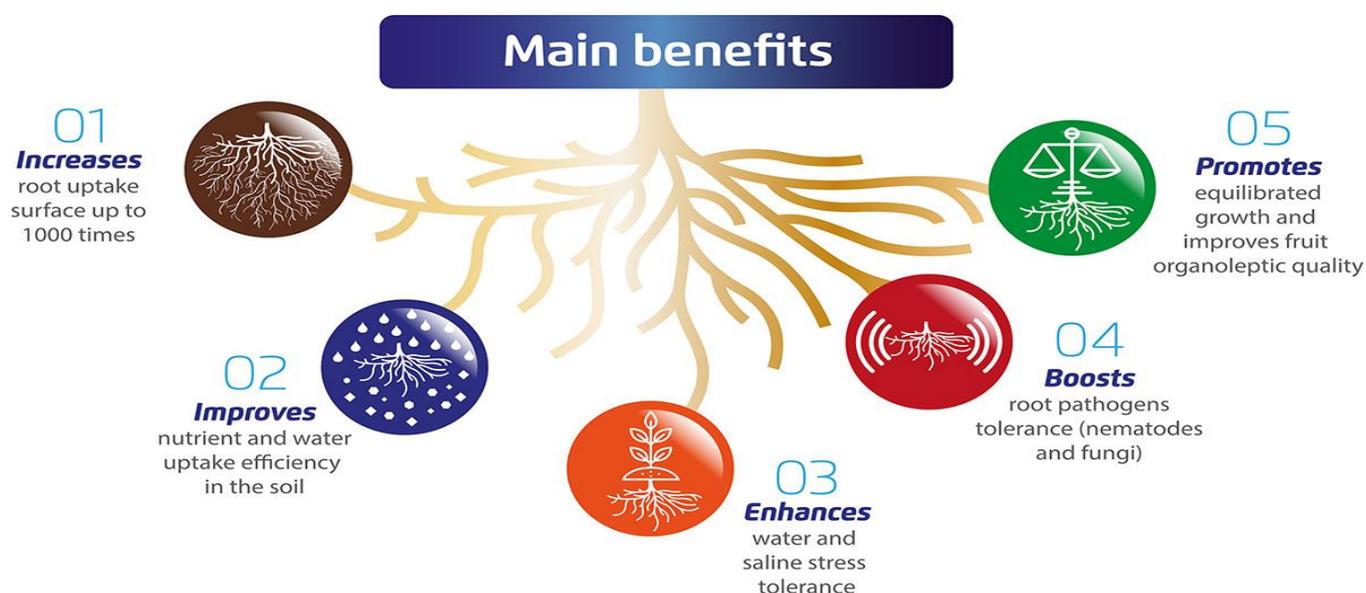


# FEATURES

- Mycore <sup>™</sup> contains more than 90% Endomycorrhiza which establishes symbiotic relationship with the crop.
- Mycore <sup>™</sup> –Mycorrhizal spore propagules as per FCO regulations along with approved carriers
- Agrinos HYT technology enables to load maximum number of spores firmly with carrier.
- MYCORE is IMO Certified.

# BENEFITS

- MYCORE enhances the root surface area in the soil, helps the crops to establish well with good growth and achieving higher yield.
- MYCORE greatly extends the root system.
- MYCORE increases soil fertility and root nutrient absorption efficiency.
- MYCORE increases water absorption.
- MYCORE increases environmental stress tolerance.



# DOSE AND TIME OF APPLICATION

## Method of Application:

**Broadcasting**

Needs to ensure that it reaches the root zone of the crop

## Time of application:

4 kg/Acre, for Cereals, Pulses, Oil seed and Vegetable crops. At the time of irrigation, along with fertilizer

8 kg/Acre, for all other horticulture and plantation crops.

Caution: Ensure sufficient moisture in the soil.

## Crops Recommended

MYCORE™ can be used in crops like cereals, pulses, oil seeds, fruit and vegetable crops (Rice, Wheat, Maize, Cotton, Grams, Soybean, Groundnut, Pome, Tea, Grapes, Banana, Papaya, Citrus, Tomato, Chillies, Brinjal, Okra and others).

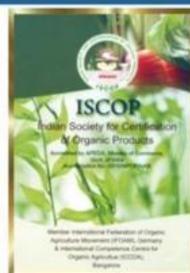
### Dosage:

4 kg/acre – For Cereals, Pulses, oil seeds and vegetable crops.

8-10kg/acre – For all other horticultural and plantation crops.



**MYCORE™**  
BIO FERTILIZER



Certified by  
**IFOAM** - The International  
Federation of Organic  
Agriculture Movements



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