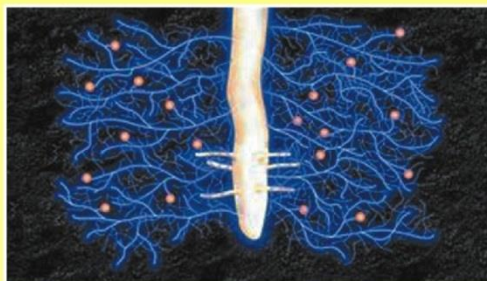
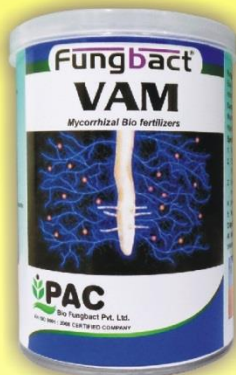


# Fungbact®

## VAM

*Mycorrhizal Bio fertilizers*



**Fungbact VAM** is a mycorrhizal bio-fertilizer preparation contains spores, fragments of mycorrhizal fungal filaments and infected roots bits. **Fungbact VAM** preparation is made on powder based carrier contains mainly endo and ecto mycorrhizal infective propagules.

### **Mode of Action :**

Mycorrhizae are obligate and saprophytic in nature which are totally biotroph and hence, requires a living host for its survival. Endo and Ecto mycorrhizae on which **Fungbact VAM** is prepared contain Vesicular Arbuscular Mycorrhizae (VAM-fungi) and Ecto Mycorrhizae which are part of soil biota and present universally in the soil. The **Fungbact VAM** by associating symbiotically with root of the plants helps in the greater absorption of phosphorous, water and other important macro and essential micro elements and making them available to the plants in an easily usable organic farm. Besides they are also reported to impart resistance to plants against drought and soil borne fungal pathogens and nematodes. **Fungbact VAM** (endo & ecto mycorrhizae) can be used in any crops like cereals, pulses, vegetables, Tuber, Fiber, Ornamental, oil seeds and fruit crops but it cannot be used in cruciferous plants.

### Dose and Method of Application :

#### Soil Application :

1. **Fungbact VAM** in required quantities (100 gm / acre) has to be mixed with organic fertilizer / peat / moistened vermiculite / field or jungle soil (1000kgs) which are rich in organic matter. This blend is applied by a process of broadcasting as soil application during last ploughing followed by first irrigation

2. **Fungbact VAM** can be use alone or mixed with powder or liquid Biofertilizer of different categories (N, P, K and S - fixers and Zn solubilizer ) in 20 to 25 lit water. This prepared mixture again diluted in 200 lit water and apply through drip irrigation system.

#### Seed Treatment :

50 to 100 gm of **Fungbact VAM** is to be mixed with optimum water to make thick slurry. The **Fungbact VAM** slurry so prepared can be used for coating the seeds of an acre.

#### Greenhouse Potted Plants :

Planting medium and potting medium can be mixed with VAM at desired proportion (i.e. 3-5 gms/10kgs of planting medium approximate) and used. Optimal watering is preferred to maintain the effectiveness of VAM.

#### Features :

- Helps to absorb and mobilize primarily phosphorous along with other important macro and micro elements and water.
- Compatible with other Biofertilizer and biopesticide of different categories.
- Gives protection to the plants from pathogenic fungi and nematodes causing damage to the roots.
- Environment friendly and does not affect ecological balance.

#### Benefits :

- Fungbact VAM makes the plant root system to get easily access to the usable form of nutrients.
- Fungbact VAM acts as accessories to the root hairs in the process of nutrient absorption and mobilization.
- Fungbact VAM facilitate nutrient translocation from the soil and root cortical parenchyma to xylem elements.
- Fungbact VAM also function as supplement to root hairs in water absorption, hence prevents reduction in relative water content of cells and thus helps plants to overcome drought.

Manufactures & Marketed by :



AN ISO 9001 : 2008 CERTIFIED COMPANY

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**: Packing :  
100 Gram**

**: Dose :  
100 Gram / Per Acre**