

# MYCORRHIZA - POWDER

Mycorrhizal fungi form symbiotic relationships with plants at the root level. These fungi enshroud and, in some case, penetrate the structure of plant roots to form an intimate connection that facilitates a 2-way nutrient exchange. The mycelium of mycorrhizal fungi essentially extend the roots system of their associated plants to help the plants easily draw in nutrients, minerals, and water from afar. In return, the mycorrhizal plant provides the fungus with photosynthesized sugars.

- Improve plant root growth and development
- Increase the uptake and mobilization of phosphate in all crops
- Increase and facilitate nutrient and translocation from the soil and root cuticle parenchyma to xylem, Phloem, elements like nitrogen, potassium, Iron, manganese, magnesium, copper, zinc, boron, Sulphur and molybdenum
- Effective in overcoming the stress condition like drought, disease incidence and deficiency of
- Enhance product quality and increase immune power of the crop
- MYCORRHIZA supplement root hair in water absorption hence prevents reduction in crop relative water content of cells and helps to overcome drought.



Mycorrhizal organisms(fungi) shape relationship with the underlying foundations of plants, for example, with the corn developing in this outline. The growths associate with the root hairs of the corn and expand their hyphae through the soil, along these lines “broadening” the root surface territory of the plant. This gives a chance to exchange carbon and supplements with the organisms while additionally expanding the dependability of the soil and the dampness maintenance in the soil.

## BIOTECH DIVISION OF INDO GULF COMPANY

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**Dosage:** 4 Kg per arce in 50kg of well decomposed fym /compost / vermi compost/field soil.

**Soil Treatment** – Mix 4 kg per acre in 50 Kg of well decomposed fym /compost / vermi compost/field soil and incorporate in the soil before sowing/transplant.

Broadcast the above mixture in standing crop 25-30 days after sowing

## ATTENTION

This specimen label is provided for general information only.

- This biological product may not yet be available or approved for sale or use in your area.
- It is your responsibility to follow all Federal, state/provincial, and local laws and regulations regarding the use of biologicals.
- Before using any biological, be sure the intended use is approved in your state/province or locality.
- Your state/province or locality may require additional precautions and instructions for use of this product that are not included here.
- Indo Gulf Comapny does not guarantee the completeness or accuracy of this specimen label. The information found in this label may differ from the information found on the product label.
- You should not base any use of a similar product on the precautions, instructions for use or other information you find here.
- Always follow the precautions and instructions for use on the label of the biological you are using.

**For application to seed in commercial seed treating equipment of for use in on-farm planting equipment.**

**Microbial seed inoculant for improving nutrient availability for increased yield potential.**

**NONPLANT FOOD INGREDIENT Not a fertilizer substitute**

**Warning: May form combustible dust concentrations in air [with packages greater than 25 kg].**

**Read the entire label before using this product. Use only according to label directions.**

**Open package only when ready to use. Use before expiration date.**

Apply this product only as specified on this label. Reference the specified application rate to determine the proper amount needed for seed. Additional talc and/or graphite may be applied if needed.

Dust particles may cause slight eye irritation. May cause respiratory irritation. Causes damage to lungs by inhalation through prolonged or repeated exposure.

This product may cause adverse effects to individuals who are repeatedly exposed to it. Eye or skin contact, inhalation, or ingestion should be avoided. Do not eat, drink or smoke when using this product. Wear protective gloves, protective clothing, and eye protection. Avoid breathing dust. Ensure adequate ventilation. Use only outdoors or in a well-ventilated area. Where exposure through inhalation may occur, use respiratory protective equipment. Wash thoroughly after handling. If inhaled: Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.

The active ingredients in product are Bacillus amyloliquefaciens and Trichoderma virens spores. This product contains microorganisms that may have the potential to provoke sensitizing reactions; use appropriate personal protective equipment (PPE) to reduce exposure. Sensitized individuals should wear an approved respirator. In case of contact with skin or eyes, immediately flush exposed areas with plenty of water. Get medical attention if irritation occurs.

Product contains live spores of the naturally occurring fungus Trichoderma virens and the naturally occurring bacteria Bacillus amyloliquefaciens, which may be damaged when exposed to high temperatures or contact with water for more than 4 hours. The live organisms contained in Product require specific storage conditions to ensure viability and product performance. To maintain product viability:

- Store unopened containers of Product in a dry cool place (less than 68°F or 20°C) away from sunlight and heat sources. Store locked up.
- Minimize temperature fluctuations.
- Avoid freeze/thaw cycles.
- Use before the expiration date. The expiration date is valid for unopened containers stored according to conditions listed above.
- Keep out of reach of children.

Unused Product and seed to which Product has been applied should be disposed of in accordance with applicable Federal, state/provincial, and local requirements.

The Seller warrants that this product contains a minimum number of Bacillus amyloliquefaciens and Trichoderma virens colony forming units, as specified on this label. The Seller makes no other warranty expressed or implied as to product viability or performance since product storage, use and growing conditions are beyond the Seller's control. Seller's guarantee is limited to the terms set out on the label and subject thereto. Buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition. If this product does not perform as warranted above, and to the extent consistent with applicable law, customer's sole remedy for breach of warranty shall be replacement of the product or refund of the purchase price paid, at the option of Indo Gulf Company.

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