



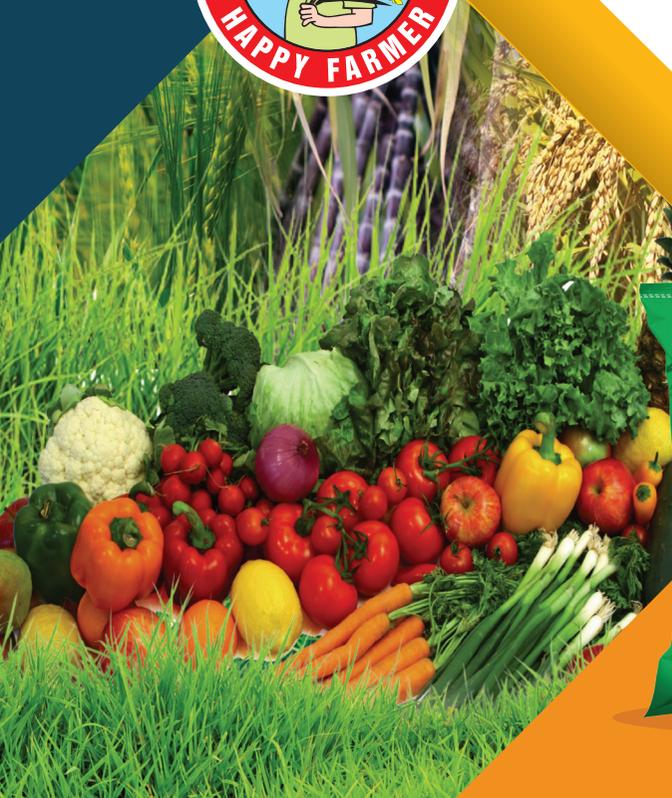
May be used in organic crop production in accordance to the NPOP



TRISHUL

Vesicular Arbuscular Mycorrhiza (VAM)

MYCORRHIZAL BIO-FERTILIZER





MULTIPLEX TRISHUL

Vesicular Arbuscular Mycorrhiza (VAM)

मल्टीप्लेक्स त्रिशूल

वेसिक्यूलार आरबसक्यूलार मैकोरिजे

MYCORRHIZAL BIO-FERTILIZER

मैकोरिजल जैविक खाद

VAM symbiosis is often associated with improved plant growth. It has been reported to benefits plants by increasing the uptake of nutrients such as P, Zn, Cu, nitrogen along with other nutrients. The non-nutritional effects of VAM fungi would be increased tolerance to saline conditions, improved water retention, control of root diseases and increased soil aggregation by the extensive hyphae network. The mycorrhizal fungi are also known to produce wide array of plant growth promoting substances (IAA, IBA, GA).

Agricultural Universities have done extensive work on VAM and have shown improved growth recorded increased yields of crops plants like rice, maize, wheat, cotton, guava, kinnow, onion, sunflower, potato, tomato and other crops.

It is well known that VAM are able to accumulate and release a large amount of phosphate to the plants and release the nutrient (up to 80% of the absorbed phosphorus) to the host plants.

The increased P uptake by mycorrhizaltreated plants is due to physical exploration of soil, faster movement of Phosphorus into mycorrhizal hyphae and modification of root environment.

DOSAGE AND DIRECTION FOR USE

Apply 4 kg of Multiplex Trishul per acre as soil application.

Multiplex Trishul is available in 1 kg, 4 kg & 10 kg packing.

BENEFITS OF MULTIPLEX TRISHUL

- Inoculated plants have increased concentration of phosphorus compared to non-treated plants.
- Treated plants accumulate N, P, K and other secondary nutrients like Ca, Mg, S and other nutrients.
- Increases resistance to fungal root diseases such as root rots and wilts.
- The severity of nematode diseases is generally reduced in treated plants.

The interaction of Multiplex Trishul with *Rhizobia* and *bradyrhizobia* is reported to be beneficial in legume plants as well as non-legume plants by enhancing nodulation, plant biomass and nutrient content.

Manufactured by

MULTIPLEX BIO-TECH PVT. LTD.

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