



# V.A.M. Fungi - Myco-gro 250™

## **PRODUCT INFORMATION:**

Vesicular Arbuscular Mycorrhiza (VAM) are fungi that grow as fine filaments which attach to the plant roots forming a pipe-life network, effectively extending the original root coverage by several hundred percent. This filament system retains and delivers moisture and nutrients supplied to the fungi by the plant. The host plant produces a larger root structure in response to stimulating compounds excreted by the fungi which are attempting to increase the available surface area to which they can attach.

VAM are capable of extending the nutrient scavenging capacity of the plant on a purely physical basis, but they also release compounds which dissolve the elements prone for forming insoluble compounds - phosphorus and zinc are primary examples.

VAM improve soil structure through the release of organic glues that bind the soil particles into aggregates forming a highly desirable crumb structure.

Benefits of good VAM levels:

- Increased uptake and retention of water - VAM improve drought tolerance and recovery.
- Improved soil structure - VAM induced crumb structure may be the most significant factor in long-term plant performance and overall soil health.
- Nutrient solubilisation - exudates unlock minerals like phosphate from frozen reserves in the soil.
- 90 % of all plants have developed some form of mycorrhizal association.
- Encourages root growth.
- Protection from root rot fungi and parasitic nematodes

Some of the important crops that will benefit from VAM inoculation include: avocados, apples, bananas, beans, carrots, clover, citrus, corn, cotton, cucumbers, grapes, lettuce, mangoes, olives, onions, passionfruit, pawpaws, stone fruit, peanuts, potatoes, rockmelons, soybeans, strawberries, sugar cane, tomatoes, watermelons and wheat.

FOR FURTHER INFORMATION CONTACT

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