



BIOFERTILIZER

A biofertilizer (also bio-fertilizer) is a substance which contains living microorganisms which, when applied to seeds, plant surfaces, or soil, colonize the rhizosphere or the interior of the plant and promotes growth by increasing the supply or availability of primary nutrients to the host plant. Biofertilizers add nutrients through the natural processes of fixing nitrogen in the soil or in the roots of plants such as legumes, solubilizing phosphorus, and stimulating plant growth through the synthesis of growth-promoting substances.

PROFESSIONAL GRADE MYCORRHIZAL INOCULANT

ENDOMAXIMA (STANDARD)

One of the soil ecology industries highest spore count mycorrhizal fungi (second only to EndoMaxima Advanced) product containing 1,450,000 living spores of a generalist endo species of mycorrhizae that can associate with the majority of plants on Earth.

EndoMaxima® is a professional grade ultra-concentrated Mycorrhizal inoculant containing Arbuscular Mycorrhizae beneficial fungus spores to promote growth. To improve the self life of the spores, this mycorrhizal inoculant does not include other microorganisms, such as bacteria, nor does it include bio-stimulants.

The purity and high concentration of EndoMaxima® as compared to other products ensures efficient application.

EndoMaxima® contains Rhizophagus irregularis Generalist species of Arbuscular Mycorrhizae that can associate with the vast majority of agricultural crops (i.e. corn, soy, wheat, tomatoes, cotton, alfalfa, and grasses).

EndoMaxima® provides the following benefits:

- *Adds Nitrogen to the soil by contributing Amino Acids*
- *Improves Profit*
- *Builds top soil by contributing sequestered carbon*
- *Increases crop yields*
- *Improves drought tolerance*
- *Sequesters and delivers mineral nutrients to host plant*
- *Improves food nutrient density*
- *Increases Phosphorus uptake, which promotes production of ATP, a high energy molecule*
- *Improves tolerance of environmental stress*



BIOFERTILIZER

FOR VACUUM AIR PLANTERS

ENDOMAXIMA (ADVANCED)

The industry's highest spore count mycorrhizal fungi product containing 3 million living spores of a generalist endo species of mycorrhizae that can associate with the majority of plants on Earth.

This product can be applied where Vacuum Air Planters are used to plant crops.

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The purity and high concentration of EndoMaxima® as compared to other products ensures efficient application. EndoMaxima® contains *Rhizophagus irregularis*, a generalist species of Arbuscular Mycorrhizae that can associate with the vast majority of agricultural crops (i.e. corn, soy, wheat, tomatoes, cotton, alfalfa, and grasses).



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ECTOMYCORRHIZAE AND ENDOMYCORRHIZAE BLEND

WHITE LIGHTNING

A blend of both Endo and Ecto species of mycorrhizal fungi. Used in Agro Forestry tree seedling production, pecan orchards, landscaping, mine reclamation and urban landscaping.

White Lightning® is a professional grade ultra-concentrated Mycorrhizal inoculant containing 9 species of beneficial fungi to promote growth.

This professional grade Mycorrhizal inoculant intentionally does not include other microorganisms, nor does it include bio-stimulants, as the intent of this product is to be a mycorrhizal inoculant only of the highest purity available!

The viability, purity and high concentration of White Lightning ensures the highest degree of potential success.

White Lightning contains ***Rhizophagus irregularis*** (syn. *Glomus intraradices*) an Arbuscular Mycorrhizae species, and 8 species of Ectomycorrhizae.

Glomus intraradices associates with the vast majority of agricultural short term crops!

Ectomycorrhizae associate with many conifers (i.e. hemlocks, firs and spruce) and hardwoods (i.e. pecans and oaks).