Micro-Bac



Soil gives plants much more than just structural support. Healthy soil contains beneficial microbes (bacteria, mycorrhizae, and fungi), which help plants break down organic matter, regulate nutrient and water flow, and protect plants from soil borne diseases.

Many soils, however, are unhealthy, and their beneficial microbe populations are weak or nonexistent. Plants growing in such soils are weaker, less healthy, and susceptible to stress, pests, and disease.

Micro-Bac is teeming with a diverse population of beneficial microbes, and after application, these microbes colonize the soil and plant roots, making plants healthier and stronger, and making the soil better able to absorb water and transport nutrients over the long-term. Chemical fertilizers have very short-term effects—using them is like eating candy: the effects are rapid and very noticeable, but unhealthy in the long-term—while **Micro-Bac** is very long-lasting—it's more like eating whole-grain bread: it lasts a long time and promotes better health.

In addition to the beneficial microbes, **Micro-Bac** also contains humic and fulvic acids, which promote root growth and the formation of new root hairs. So while the bacteria, fungi, and mycorrhizae are colonizing the roots and helping them take up nutrients, the roots themselves are getting healthier, giving **Micro-Bac** double the impact.

Micro-Bac:

- Is 100% organic
- Is full of beneficial bacteria, fungi, and mycorrhizae to improve soil health.
- Contains fulvic and humic acids to improve soil structure and promote healthy root growth.
- Is very long-lasting, meaning it needs to be applied less frequently and in smaller quantities, and is therefore very cost-effective.

NON PLANT FOOD INGREDIENTS:

- **Ectomychorrhizae:** *Pisolithus tinctious (212,000 cfu)*, *Rhizopogan vilisouli (116,000)*, *Rhizopogan luteoius (89,000)*, *Rhizopogan amylopogan (181,000)*, *Rhizopogan fuligelba (91,000)*
- **Endomychorrhizae:** *Glomus mosseae (234,000 cfu)*, *Glomus intraradices (64,000)*, *Glomus clarum (121,000)*, *Glomus monosrorum (31,000)*, *Glomus deserticola (71,000)*, *Glomus fasciculatum (271,000)*, *Glomus microaggregatum (136,000)*, *glomus dussii (14,500)*
- **Trichoderma:** *Gliocladium virens (1,112,000 cfu)*, *Trichoderma harzianum (231,000)*, *Trichoderma viride (418,000)*, genus *Trichoderma (936,000)*
- **Nitrogen-Fixing, Phosphate-Solublizing, and Growth-Promoting Bacteria:** Genus *Bacillus*, genus *Pseudomonas*, genus *Streptomyces TSA Plates 10*
- **Amino Acids** derived from sea-plant extracts …….1.0%
- **Fulvic Acid ……..0.5%**
- **Liquid Humate……0.2%**

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