

Natural Growing

Through Biology



TAINIO[®]

BIOLOGICALS, INC.

BFMS[®] Biological Farm Management System[™]

RHIZOGENESIS[™]

Biological Root Inoculant

CONTAINS NON-PLANT FOOD INGREDIENTS

Live beneficial soil microbes of the following types and minimum colony forming units (CFUs) per gram:

Arthobacter globiformis 1X10⁵; *Azospirillum brasilense* 1X10⁶; *A. lipoferum* 1X10⁵;
Azotobacter chroococcum 1X10⁵; *A. paspali* 1X10⁴; *A. vinelandii* 1X10⁵; *Bacillus amyloliquefaciens* 1X10⁶; *B. atrophaeus* 1X10⁵; *B. licheniformis* 1X10⁵; *B. megaterium* 1X10⁵; *B. pumilus* 1X10⁴; *B. subtilis* 1X10⁵; *B. thuringiensis* 1X10⁵; *Brevibacillus brevis* 1X10⁶;
Lysinibacillus sphaericus 1X10⁶; *Micrococcus luteus* 1X10⁵; *Pseudomonas fluorescens* 1X10⁵; *P. putida* 1X10⁵; *Rhodopseudomonas palustris* 1X10⁴; *Rhodospirillum rubrum* 1X10⁴;
Streptomyces griseus 1X10⁴

Live beneficial Mycorrhizal fungi of the following types and minimum Propogules per gram:

Glomus intraradices 1x10¹; *G. etunicatum* 1x10¹; *G. aggregatum* 1x10¹; *G. mosseae* 1x10¹

89.99% Inert microbial carrier/support ingredients

10% Cornstarch polymer

APPLICATION

For bare root trees, seedling flats, transplants, etc. Mix **1 pound (454 grams/16 oz) of RhizoGenesis[™]** with up to 20 gallons of water, as needed to treat 300-600 trees, or plants to cover one acre. Dip roots into solution and plant. For optimum results, let plant roots soak in solution overnight before planting. Any remaining solution may be used as a side dress after planting or poured directly onto the soil.

For Best Results:

Add 12.5 oz. of a Pepzyme[™] product for every 1 pound (454 grams/16 oz) of RhizoGenesis[™] applied.

For maximum benefit of RhizoGenesis[™], it is important that the Mycorrhizae contact the root or are in the root zone of the plant. If material is going to be surface sprayed, BioGenesis I[™] is the best option.

Although the microbes in our formulas are quite hardy and robust, certain chemicals can cause high mortality rates, therefore, for maximum benefit, it is important to clean your spray equipment before use, do not mix the beneficial microbe packages with chemicals, and recognize that re-inoculation is often necessary after many chemical sprays.

Caution:

- Keep out of reach of children and pets.
- Do not swallow.

Contains live soil microbes:

- Store below 120° F.
- Keep out of direct sunlight.
- Color and density may vary.

Manufactured & Guaranteed by

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Net: _____ grams (_____ oz) Treats _____ acre(s) Lot: _____ Exp. Date _____