

MICROBIAL FERTILITY TREATMENT FOR INFERTILE SOILS

DESCRIPTION

PHC BioPak® is a dry, water soluble microbial inoculant containing six selected species of beneficial rhizosphere bacteria selected for their favorable impact on soil fertility and structure. Application of PHC BioPak® will introduce a mixed microbial population to biologically depleted soils. Successful establishment of beneficial microbial flora is an important aspect of soil fertility.

PRODUCT SPECIFICATIONS

Guaranteed Analysis of Soil Amending Ingredients

Rhizosphere Bacteria	45 Billion cfu/Lb
7.5 Billion cfu/Lb (8.3 million cfu/cc) <i>Bacillus licheniformis</i>	
7.5 Billion cfu/Lb (8.3 million cfu/cc) <i>Bacillus megaterium</i>	
7.5 Billion cfu/Lb (8.3 million cfu/cc) <i>Bacillus polymyxa</i>	
7.5 Billion cfu/Lb (8.3 million cfu/cc) <i>Bacillus subtilis</i>	
7.5 Billion cfu/Lb (8.3 million cfu/cc) <i>Bacillus thuringiensis</i>	
7.5 Billion cfu/Lb (8.3 million cfu/cc) <i>Paenibacillus azotofixans</i>	
Humic acids	31%
Sea Kelp Extract	35%
Sugar (dextrose)	13.5 %
Yeast Extract.....	5.5%

DIRECTIONS FOR USE

Tree Care/Soil Injection: Mix 1/2 -Lb per 50 gallons to treat 1250 square feet. Inject the entire area beneath the canopy to a depth of 8 to 10 inches at a rate of 1-qt per injection on 2 1/2 foot centers. Product is compatible with fertilizer mixtures and mycorrhizal fungi inoculants.

Turf, Flower Beds, Area Treatment: Mix with water to apply 4-Lbs per acre (1-Lb per 10,000 sq ft) initially. Thereafter, apply 2-Lbs per acre (1/2 Lb per 10,000 sq ft) every 2 weeks. Follow with water application to rinse product into the soil.

PROOF OF COMPLIANCE WITH SPECIFICATIONS

The contractor will demonstrate compliance by showing invoices to prove purchase of product in sufficient quantity to cover the project at the rates recommended by the manufacturer. Include project name, date of purchase of product, and name of contact.



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