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TourTurf® MTB

Mycorrhizae, Trichoderma and Bacteria Pack

Mycorrhizae, Trichoderma and Bacteria giving revitalised, healthy growth in a fully water-soluble powder.

Microorganism bio-solution. Apply to damaged soils, for plant resilience and disease recovery.

TourTurf® MTB is a fully water-soluble powder which contains a unique combination of three types of microbial species, selected for improving the plant's rhizosphere. The symbiosis of microbes and the soil biology produces a range of regenerative effects to the soil and its plants, ensuring increased soil structural strength and plant robustness.

The microorganisms in TourTurf® MTB produce enzymes capable of degrading cellulose, hemicellulose, and lignin, as well as compounds that stimulate plants and additional soil microfauna. This results in a wide range of benefits to both soil and plant. It improves the living conditions for beneficial microbes. It can out-compete pathogenic fungal species for space and nutrients. TourTurf® MTB increases availability of nutrients in the rhizosphere by stimulating the root exudate production. By increasing glomalin in the soil, the soil structure can be improved.

TourTurf® MTB stimulates plant root growth and soil contact, facilitating increased nutrient uptake into the roots. The antioxidant production in plant cells can be enhanced. The product induces a greater abiotic stress resistance, in particular when under salinity- and water stress. The formulation is a fully water-soluble powder, with natural minerals, compounds and sugars that provide the optimum habitat to promote and feed the microbial content. TourTurf® MTB can be applied to all types of turf rootzones. Our microorganisms strains are fully traceable via genomic analysis (DNA fingerprint).

Guaranteed content

Carbohydrate (dextrose).....15.0%
Seaweed extract.....1.0%
Fulvic acid.....0.55%

Mycorrhizae Fungi:
Endo-mycorrhizae (x9)..... 2,2 propagules/g (approx. 22 infective particles/g)

Plant strengthening Fungi:
Trichoderma species (x2)..... $2.0x10^7$ cfu/g (T. Reesei & T. Harzianum)
Total ..... $2.0x10^7$ cfu/g

Plant strengthening microorganisms:
Bacillus spp (x5)..... $4.0x10^8$ cfu/g
Bacillus polymyxa (x1)..... $4.0x10^6$ cfu/g
Arthrobacter globiformis (x1) $4.0x10^6$ cfu/g
Pseudomonas putida (x1)..... $2.0x10^6$ cfu/g
Total ..... $4.1x10^8$ cfu/g

pH: 7.5
Density: 1.01
Nozzles: Spray nozzles for larger droplets. Use only the blue filter (50 mesh, ~300 microns) or no filter at all when spraying the product.
Optimum product performance between 15 and 30 °C.

OF&G ORGANIC – PRODUCT APPROVED FOR RESTRICTED USE

DOCUMENTED UNIVERSITY RESEARCH

Application

2-4 times a year. Apply when temperatures are above 10°C.

Turf Resiliency: 2-5kg/ha. When applying the product pour it into hand warm water (30-40°C.) first and stir to dissolve. Then pour the mixture into the spray tank and keep stirring.

Synergy

Order number

8990
2 x 1 kg per carton

cfu = Colony-forming units. Containing G. claru, G. intraradices, G. mosseae, G. deserticola, G. monosporum, G. etunicatum, G. aggregatum, Paraglomus brasilianum, Gigaspora margarita, Trichoderma reesei, Trichoderma harzianum, B. subtilis (x2 spp.), B. licheniformis, B. amyloliquefaciens, B. megaterium, & B. pumilus.
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