

Restores the link between plants & microbes

A synergistic blend of seaweed meal, zeolite and beneficial microbes

Healthy turf requires a good rooting environment and an active root zone ecology. **BIOLink** combines all the plant and soil health attributes of seaweed meal with the moisture and nutrient holding capacity of zeolite, plus all the beneficial microbes required for high quality turfgrass surfaces. **BIOLink** provides continuous release micro-nutrients, trace minerals, fulvic and humic acids. The microbes form a symbiotic relationship with turfgrass roots and a strong establishment results in the mycorrhizae content replacing the root function of nutrient uptake. The roots become mainly anchors for the turfgrass plant and are not affected by pH fluctuations in sand root zones. Mycorrhizae function in low pH environments and the plant receives adequate nutrients for a strong and healthy playing surface.

Why choose **BIOLink**?

BIOLink helps to modify turfgrass rootzones from a substrate that rapidly fluctuates in pH, moisture and nutrient content, to a rootzone that retains sufficient moisture and releases nutrients as required by turfgrass plants. **BIOLink** supplies a consortium of microbes and a range of biostimulants that act synergistically, improving their effectiveness and supporting microbial life far beyond the first application. The improved bioactive complex in the root zone leads to vigorous and robust plant growth for optimum turfgrass surfaces. No filler is used, with 100% of ingredients being an active component of the system.



The main benefits of **BIOLink** are:

- **Just one or two application per year to supply all the beneficial microbes required for healthy turfgrass surfaces**
- **Stimulation and promotion of root growth**
- **Improved plant nutrition (especially in adverse conditions)**
- **Nitrogen fixation**
- **Improved disease resistance**
- **Enhanced stress resistance (environmental, soil and toxic stress).**

BIOLink contains:

Seaweed meal: Full of alginates, polysaccharides, oligosaccharides and micronutrients. Seaweed also helps your turfgrass plants to resistance pest and disease attack through stimulating the natural defense mechanisms. Seaweed also helps to improve stress resistance by providing antioxidants that help to protect the delicate machinery of photosynthesis.

Zeolite: A natural material that is full of microscopic holes and cavities that are become a protective home to soil microbes. Nutrients can migrate very quickly from sand-based rootzones and zeolite helps to retain these expensive inputs.

Mycorrhizal fungi: Mycorrhizae enable plants to extract nutrients from the soil much more easily

than roots alone. The uptake of nutrients that are normally unavailable to plants is increased, plus the uptake of more available nutrients and water is greatly improved through mycorrhizae association. Other benefits of mycorrhizae include increased protection against pests, pathogens and environmental stresses.

Trichoderma fungi: Naturally occurring fungi, which crowd out many plant diseases that attack roots. The fungal species in Mycortex have been known to protect plants against such fungal diseases as Fusarium, Pythium, Rhizoctonia, Phytophthora and other soil borne pathogens.

Beneficial bacteria: The consortium of bacteria contains over 20 beneficial species and strains in an optimized ratio to populate the soil and re-establish biological activity. The blend includes Rhizobia and Azotobacter which fix atmospheric nitrogen, and Bacillus, Saccharomyces and other strains which help solubilize nutrients and build soil structure. Beneficial microbes also colonise the root zone and provide effective protection against diseases.

Humates: The addition of humates (humic and fulvic acids) acts as a balancing agent making nutrients biologically available. Humates are also powerful root growth stimulants thereby setting the conditions for rapid establishment and robust, disease resistant, growth. Humates act as chelating agents making nutrients more bio-available and retaining them in the root zone.

Saponins: In order to balance and promote microbial activity in the soil, **BIOLink** contains active plant saponins, which have been used to great effect to promote biological activity, particularly in soils low in organic content where they stimulate root development and boost the soil microbial population.

Application Guidelines

New turfgrass surfaces: Incorporate **BIOLink** at 500-1000 kg/hectare into the surface 50-100mm of prepared rootzone.

Established turfgrass surfaces: Apply **BIOLink** at 500 Kg/Ha as a topdressing after aeration.

Pack size: **BIOLink** is supplied in 25kg bags

Storage: Store unused **BIOLink** under cover in dry and cool conditions.

Call now for more information

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