SYMBIO MYCORRHIZAL INOCULANT

- **Faster grow-in and establishment of new greens and pitches**
- **Promotes establishment and longevity of fine grasses**
- **Greatly improves root mass and increases nutrient uptake**
- **Increases plant tolerance to drought and stress conditions**
- **Healthy grass is less susceptible to and recovers faster from disease**

FOR RAPID DEVELOPMENT AND LOWER COST MAINTENANCE OF NEWLY SEEDED OR TURFED SPORTS TURF

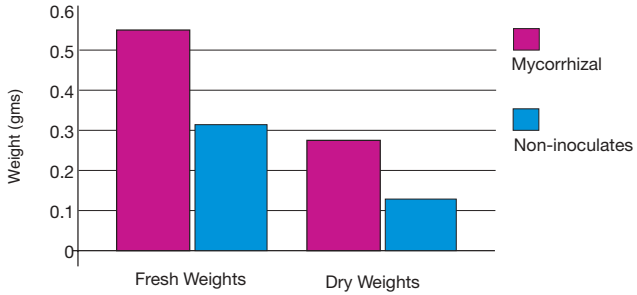
The soil in new sand dominated sports pitches is almost sterile. **Symbio Mycorrhizal Inoculant** contains live spores of beneficial mycorrhizal fungi, growth-promoting soil fungi and bacteria, carbon, and organic soil nutrients to kick-start the soil's natural food web. This is essential for rapid establishment of newly seeded or turfed areas and to improve grass root growth and stress recovery.

Mycorrhizae are essential for grass health, attaching to the roots and can increase the surface area for nutrient and water uptake by over 300%.

The microbes are freeze-dried into a zeolite carrier to improve their metabolism and to protect them from chemicals and ultra violet light.

Graph shows difference in growth rates after 30 days

Comparison of Symbio Mycorrhizal Inoculant and Non-inoculated Creeping Bentgrass Shoot Fresh and Dry Weights Grown on a USGA Turf Bed



Bent, Fescue and Rye grasses rely heavily on mycorrhizal and other soil fungi for survival in nature. In sports turf, levels of mycorrhizae are low or non-existent due to sterile soils, compaction, chemical and high inorganic nutrient use. The result is a weakened sward, which suffers more from drought stress, nutrient leaching, and disease and is quickly dominated by *Poa annua* which relies less on mycorrhiza for its survival in sports turf environments and more on seed head production.

For research and trials data contact Symbio or log onto our website

APPLICATION and TIMING

Rake into the top cm of the new root zone immediately before seeding or turfing. Apply during the growing season only.

For an existing sward, micro tine the turf and apply at 50 g per m^2 using a drop-spreader, overseeder or mixed with top-dressing through a rotary spreader. Water in immediately and again the following day in the absence of rain. Use low phosphate fertilisers.

NUTRITION

Grass grown in a biologically active rootzone needs less fertiliser, especially lower phosphate values than usual. We recommend that available phosphate does not exceed 15mg/l in the soil.

Symbio
38 Bookham Industrial Park
Church Road
Great Bookham
Surrey KT23 3EU
Tel: +44 (0)1372 456 101
Fax: +44 (0)1372 456 099
fungalfun@symbio.co.uk
www.symbio.co.uk