


# Mycorrhizal Fungi

 **In Harmony uses mycorrhizal fungi, in combination with growth-promoting bacteria, to promote soil health.**

Soils in natural settings contain large numbers of beneficial organisms, such as bacteria and fungi. In many city landscapes, however, soils are disturbed and compacted, and these beneficial organisms have been reduced or eliminated.

Recent research has shown that a beneficial fungus, mycorrhiza, is invaluable when it forms a symbiotic relationship with plant roots in the soil. These fungi colonize the plant roots and extend the root system into the surrounding soil. In healthy soil, there may be several miles of mycorrhizal filaments in a teaspoon of soil. As the mycorrhizae grow within

the soil profile, they will help protect your plants and promote plant health.

The plant's ability to take in water and nutrients rises dramatically when mycorrhizal fungi are present in the soil. Mycorrhizae also suppress diseases and pathogens in the soil, and they improve soil structure. 