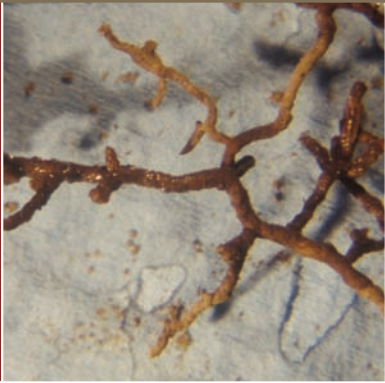


# Mycorrhizae

(Included in many Wellness programs)



Photos courtesy of Larry Costello PhD - University of California

## Mycorrhizae

### **Description**

Mycorrhizae is a naturally occurring fungi that has a symbiotic relationship with trees and other plant life. The name means “fungus root.” It colonizes the roots of plants and extends itself into the soil so the plant can absorb additional nutrients such as phosphorous and nitrogen. In return, the plant releases sugars to the fungi that are produced by photosynthesis.

Through this process plants are more able to survive extremes in temperature, poor soil, soil compaction, neglect, and various other problems.

### **Symptoms**

The US Forest Service has been using Mycorrhizal fungi applications for their forest re-seedling and transplanting projects for many years, decreasing these transplant losses dramatically. With transplanting losses in the 95 percent range, transplanted trees greatly benefit from these applications of fungi, helping the trees to establish new root growth and absorb nutrients.

Mature trees benefit from applications of the fungi if they are living in poor or compacted soil and do not have adequate resident populations of Mycorrhizal.

### **Wellness Approach**

Mycorrhizal fungi is applied by injections into the roots or mixed into a vertical mulch. Inoculating plants is very cost-effective, especially when one considers the cost of transplanting and/or losing specimen trees. To encourage the colonization of Mycorrhizal fungi in trees Arborwell will;

- Monitors adequate water requirements,
- Monitors soil compaction
- Maintains proper cultural conditions.

### **Contact Us**

To speak with an Arborwell Wellness Specialist, please call 888-969-8733. Our team of certified arborists are ready to help with all your arboricultural needs.

Pruning & Removals are not part of the Wellness programs

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