

Mycorrhizal Fungi



When we started the Nature's Creation® product line in 2015 we understood the value of adding *mycorrhizal fungi* to our lawn foods, plant foods and soils and fertilizers. We use a combination of the most effective strains of *mycorrhizal fungi* for lawns and gardens.

Mycorrhiza from the Greek words *mykes* for fungus and *rhiza* for root is the word used by scientists to describe the relationship between a fungi and the roots of a plant. *Mycorrhiza* literally means fungus root. The relationship is symbiotic, meaning that the plant and the fungi support each other. In the soil *mycorrhizal fungi* multiply to form a *hyphae* (Greek for web) of thread like structures that attach to and extend the plants root system allowing it to cover more area. This gives plants access to larger amounts of water and nutrients including nitrogen and phosphorus. The plant in turn through photosynthesis feeds the fungi with sugars and other carbohydrates.

The benefits of mycorrhizal fungi include:

- Increased water and nutrient uptake
- Increased drought tolerance
- Higher transplanting success
- Increased pathogen resistance
- Improved soil structure
- Increased crop yield and more flowers

