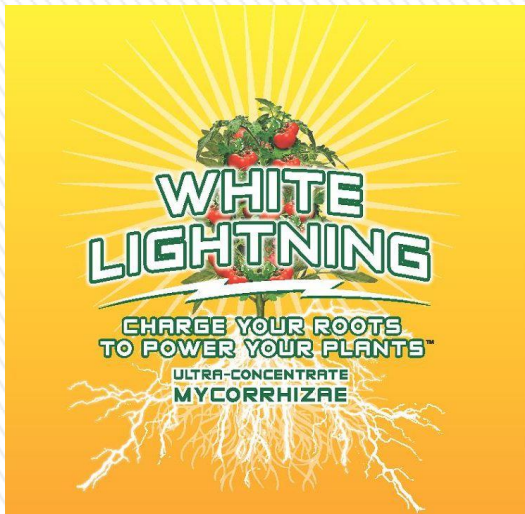


# White Lightning®

Professional Grade Mycorrhizal Inoculant

Data Sheet



**White Lightning®** is a professional grade ultra-concentrated Mycorrhizal inoculant containing 9 species of beneficial fungi to promote growth.

This professional grade Mycorrhizal inoculant intentionally does not include other microorganisms, nor does it include bio-stimulants, as the intent of this product is to be a mycorrhizal inoculant only of the highest purity available! The viability, purity and high concentration of **White Lightning®** ensures the highest degree of potential success.

**White Lightning®** contains *Glomus intraradices* an **Arbuscular Mycorrhizae** species and 8 species of Ectomycorrhizae. Individual species counts listed on reverse. *Glomus intraradices* associates with the vast majority of agricultural short term crops! Ectomycorrhizae associate with many conifers (i.e. hemlocks, firs and spruce) and hardwoods (i.e. pecans and oaks). For a complete list of plants and how they associate with, see our web site [www.soilsecrets.com](http://www.soilsecrets.com) under the Details menu bar.

## **White Lightning®** provides the following benefits:

- Builds top soil and is essential for sequestering soil carbon
- Increases crop yields
- Improves drought tolerance
- Improves uptake of mineral nutrients
- Improves food nutrient density
- Increases Phosphorus uptake, which promotes production of ATP, a high energy molecule
- Protects roots from damaging nematodes
- Improves tolerance to environmental stress
- Improves Profit



Contact us at:

505.866.7645

[www.soilsecrets.com](http://www.soilsecrets.com)

[info@soilsecrets.com](mailto:info@soilsecrets.com)

## Professional Grade Mycorrhizal Inoculant

**Description:** Mycorrhizal Spore Concentrate, in a dry powder

**Color:** White/tan

**Solubility:** NA

**Compatibility:** Avoid fungicides, and acid based Phosphate fertilizers

### Contains non-plant food ingredients:

Species	Spores/lb	Spores/cc
<b>Arbuscular Mycorrhizae:</b>	<b>400,000</b>	<b>485</b>
<i>Glomus intraradices</i>	400,000	485
<b>Total Count Arbuscular Mycorrhizae and Ectomycorrhizae combined:</b>	<b>2,513,400,000</b>	<b>3,040,485</b>
<i>Pisolithus tinctorius</i>	1,860,000,000	2,250,000
<i>Laccaria laccata</i>	125,000,000	150,000
<i>Rhizopogon roseolus</i> , <i>R. subscaerulescens</i> , <i>R. villosulus</i> , <i>R. vulgaris</i>	264,000,000	320,000
<i>Scleroderma cepa</i> , <i>S. citrinum</i>	264,000,000	320,000

### Directions for Use and Application Rates:

Best use of a mycorrhizal inoculant is to apply the spores directly to the seed or the plant root as a dry application. Applying wet can cause too much material to stick to the subject causing an expensive waste of product. Mycorrhizal fungi will only germinate and grow in orchestration with the seed and roots of a living host plant, therefore attempting to cultured and grow them in compost tea, worm compost other non root environment cannot work. Spores can be watered into the rooting system!

Potted Plants: Mix 1 tsp/6 gallons water.		For hydroponics: 1 tsp / 30 gallons
<b>Container Size</b>	<b>Amount of Solution</b>	
4 in.	3 oz.	For Hydroseeding: 3 lbs / acre
1 gallon	5 oz.	
3 gallon	16 oz.	For Agriculture: 12 oz. / acre
5 gallon	32 oz.	



**Contact us at:**  
**(505) 866-7645**  
[www.soilsecrets.com](http://www.soilsecrets.com)  
[info@soilsecrets.com](mailto:info@soilsecrets.com)