

Myco Stim™

Mycorrhizae Root Inoculant

MycoStim™ is a soil and root inoculant containing the spores of Mycorrhizae and Trichoderma beneficial fungi. These beneficial fungi colonize plant roots and greatly increase the root's ability to take up nutrients and water. A mycorrhizal plant is able to survive with less fertilizer and water than a non-mycorrhizal plant. Make applications in such a way that maximum contact between plant roots and MycoStim™ will occur. Spores need to come in contact with a root to start a successful colonization of the entire root system.

Description

Mycorrhizae: A blend of 8 super strains of endo and ecto mycorrhizae that are adaptable to a wide range of soils, pH, plant species and environmental conditions.

Trichoderma: A naturally occurring enzyme producing saprophytic fungus.

Value-Added Carrier: Amino acids, vitamins, sea kelp, humic and fulvic acids are added to promote root growth and provide a jump-start to a more natural soil ecosystem.

Easy to use: Water soluble powder: dry and spray applications.

Mycorrhizae Benefits

Increases:

- ◆ Stress resistance
- ◆ Plant quality, yields and vigor
- ◆ Water and nutrient uptake

Reduces:

- ◆ Plant decline and loss from stress
- ◆ Need for irrigation and fertilizers
- ◆ Time to produce a marketable crop or plant

Promotes:

- ◆ More extensive roots
- ◆ More vigorous plants
- ◆ Faster growth

Ingredients...

Beneficial Rhizosphere Microbes 8.5%

Also contains non-plant food ingredients:

8% Humic Acids derived from Leonardite Ore

7% Sea Kelp extract derived from Asophyllum Nodosum

76.5% Micronized Amino Acid based carrier

Glomus Intraradices	7 propagules per gram	Rhizopogon Amylopogon	440 propagules per gram
Glomus Mosseae	7 propagules per gram	Rhizopogon Fulvigleba	440 propagules per gram
Glomus Aggregatum	7 propagules per gram	Pisolithus Tinctorius	17,625 propagules per gram
Rhizopogon Villosullus	440 propagules per gram	Trichoderma Harzianum	26,442 propagules per gram
Rhizopogon Luteolus	440 propagules per gram	Trichoderma Konigii	26,442 propagules per gram

Directions for Use

Maintenance: Apply 6lbs per 100 gallons of water per acre at 90 day intervals.

Grow in: Apply 9lbs per 100 gallons of water per acre at time of sprigging or laying sod.

Aerifying: Apply 9lbs per 100 gallons of water per acre after aerification & the turf is clean of litter.

Over Seeding: Blend 1lb of MycoStim per 100lbs of seed and broadcast according to seed recommendations. MycoStim may be applied separately at the rate of 9lbs per 100 gallons of water per acre.

Tree and Shrub Transplants: Use 1/2 cup (4oz) for every 1" caliper of tree. For shrubs use 1 tablespoon for each gallon size increment of shrub container. Apply MycoStim™ to holes probed into the root ball and along the sides.

Tree Injection: Rate for soil injection equipment: 3lbs per 100 gallons of water. Agitate 5 minutes. Build pressure to 150 to 200 PSI. Inject 1/2 gallon 8-10" in depth in a grid pattern from the trunk to 4-5' out from the drip line. Space injection points 30" apart.

Nursery Production: *transplanting* - Apply 1 teaspoon of MycoStim™ transplants of 4" size or less and 1 tablespoon to transplants up to one gallon size. Apply to roots and sides of transplant hole. *Unrooted cuttings* - Dip unrooted cuttings into powder and plant in media.

