

Colonize™ T & O (Turf & Ornamental)

Colonize T & O is a combination soil inoculant and a VA mycorrhizal fungi booster in a water dispersible formulation. It contains beneficial rhizosphere bacteria to improve soil fertility and a naturally-occurring plant flavonoid to speed the development of VA mycorrhizal (VAM) fungi on plant roots.

Common landscaping practices such as construction, heavy tillage, removal of topsoil and compaction from equipment and traffic often eliminate or severely reduce native mycorrhizal fungi and microbial populations. Colonize T & O can be used with existing or applied mycorrhizal fungi for increasing root colonization to improve water and mineral absorption capabilities of plants, including flowers, turfgrass, and trees. **Colonize T & O:**

- Improves mycorrhizal fungi colonization of roots for greater water uptake and absorption of mineral nutrients
- Prevents root system decline
- Helps recovery from stress and root damage

DIRECTIONS FOR USE

GOLF & SPORTS TURF Mix with water and spray over turf at an initial rate of 2.5 pounds per acre. Reapply monthly during growing season at 1.5 pounds per acre.

ORNAMENTAL PLANTS Mix with water and apply by spray or drench. Mix 1 ounce by weight (2 ounce by volume) of the dry product per gallon of water, and apply at a rate of 1 gallon per 100 square feet. Irrigate after treatment to rinse the product into the soil. Apply in spring and repeat treatment in midseason.

STORAGE/SHELF LIFE

This product is stable in cool, dry storage conditions. See expiration date on package.

HEALTH AND SAFETY INFORMATION

- In case of allergic reaction(s), treat symptoms and contact physician.
- Avoid breathing dust or spray mist.
- Wash hands after handling.
- In case of ingestion, seek medical attention.
- **Keep out of reach of children.**

PACKAGING

2 1/2-Lb box

TECHNICAL ASSISTANCE

For technical assistance, call 1-800-421-9051

VA MYCORRHIZAL FUNGI BOOSTER

GUARANTEED ANALYSIS OF SOIL AMENDING INGREDIENTS

SOIL /PLANT AMENDING INGREDIENTS	30.2%
Humic acids	28%
Formononetin	2.2%

MICROBIAL NUTRIENTS	47.2%
20.4% Soluble Seaweed Extract (<i>Ascophyllum nodosum</i>)	
19% Maltodextrin	
5.5% Yeast Extract	
2.3% Yucca Plant Extract (<i>Yucca schidigera</i>)	

MICROBIAL CONTENT	45 Billion cfu/Lb
7.5 Billion cfu/Lb <i>Bacillus licheniformis</i>	
7.5 Billion cfu/Lb <i>Bacillus megaterium</i>	
7.5 Billion cfu/Lb <i>Bacillus polymyxa</i>	
7.5 Billion cfu/Lb <i>Bacillus subtilis</i>	
7.5 Billion cfu/Lb <i>Bacillus thuringiensis</i>	
7.5 Billion cfu/Lb <i>Streptomyces azotofixans</i>	

INERT INGREDIENTS	22.6%
Leonardite Extract (other than humic acids)	12%
Polyethylene glycol	1%
Precipitated silica	9.6%

APPLICATION RATES

Application	Colonize T&O	Frequency	Method of Application	Coverage
Ornamental Plants	1 oz (weight) (4 tablespoons) per gal. water	Once in the spring; repeat in midseason	Drench or spray to soil saturation	100 square feet
Turf Program	Initial Treatment: 2.5 pounds Maintenance: 1.5 pounds	Every month throughout the growing season	Drench or spray to soil saturation	1 acre

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