

Myco-Replenish

3-3-3 Organic Fertilizer with Mycorrhizae

Myco-Replenish combines the high quality of EarthWorks Replenish natural organic fertilizers with root stimulating endo and ecto mycorrhizae fungi. **Myco-Replenish** is ideal for any landscape planting situation, establishment of grass seed or sod and will enhance all soil aerification practices. An extensive amount of Mycorrhizae fungi in combination with the known value of the Replenish compost fertilizer will help to promote extensive root growth, reduce heat and drought stress, improves water and nutrient uptake and can eliminate transplant shock.

The word "mycorrhizae" literally means "fungus-roots" and defines the close mutually beneficial relationship between specialized soil fungi (mycorrhizal fungi) and plant roots. About 95% of the world's land plants form the mycorrhizal relationship in their native habitats. It is estimated that mycorrhizal fungi filaments explore hundreds to thousands more soil volume compare to roots alone.

Mycorrhizal fungi increase the surface absorbing area of roots 10 to 1,000 times, thereby greatly improving the ability of the plant to use the soils resources. Several miles of fungal filaments can be present in the thimbleful of soil. But mycorrhizal fungi increase nutrient uptake not only by increasing the surface absorbing area of the roots, but also release powerful enzymes into the soil that dissolve hard-to-capture nutrients, such as phosphorous, magnesium and other "tightly bound" soil nutrients. This extraction process is particularly important in plant nutrient and explains why non-mycorrhizal plants require high levels of fertility to maintain their health.

When combined with the carbon rich food source of Replenish fertilizers the **Myco Replenish 3-3-3** has the energy to take off and perform.

Dry Organics
Myco-Replenish

Dry Organics:

- *Replenish Compost*
- *Endo Mycorrhizae*
- *Ecto Mycorrhizae*
- *Humic Acids*

EarthWorks 
NATURAL ORGANIC PRODUCTS

1500 Uhler Rd. Easton, PA 18040
800-732-8873 Fax: 610-250-7840

Earthworks Natural Organic Products, Inc.

soilfirst.com



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EarthWorks Dry Organics the key to success when building a healthy environment.

Myco-Replenish 3-3-3 Guaranteed Analysis

| | |
|--|------|
| Total Nitrogen (N) | 3% |
| Water Insoluble Nitrogen | 2.1% |
| Water Soluble Nitrogen | 0.9% |
| Available Phosphorous (P_2O_5) | 3% |
| Soluble Potash (K_2O) | 3% |
| Calcium (Ca) | 6% |
| Iron | 0.2% |

Plant Nutrients Derived From: Composted Poultry Manure

Contains Endo Mycorrhizae

Endomycorrhizal fungi: 750 propagules per pound:

Glomus intraradices, *Glomus etunicatum*

Glomus mosseae, *Glomus aggregatum*

Contains Ecto Mycorrhizae

Ectomycorrhizal fungi: 2,750,000 propagules per pound:

Pisolithus tinctorius, *Scleroderma cepa*

Scleroderma citrinum, *Rhizopogon villosulus*

Rhizopogon luteolus, *Rhizopogon amylopogon*

Rhizopogon fulvigleba

Application Rates & Programs

TURF:

Aerification: Apply 10 -15 pounds per 1,000 sq. ft.

Sod: Apply 10 pounds per 1,000 sq. ft. as a soil prep.

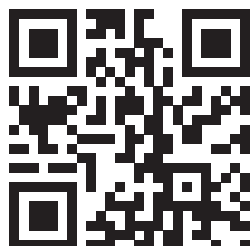
Seed: Apply 15 pounds per 1,000 sq. ft. of seeded area worked well into the soil.

PLANTINGS:

Mix with the soil being used to fill the planting hole at the rates shown:

Trees: ½ pound (1 cup) for every 1" diameter of trunk.

Shrubs: For one gallon containers use ¼ pound (1/2 cup) mixed thoroughly. For five gallon containers use 1 pound (2 cups) of product mixed with soil.



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