MycoApply® Soluble MAXX California

Product Specifications & Application Instructions

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Quick Facts:

Product Name:
MycoApply®
Soluble MAXX
(for California)

Formulation:
Suspendable Powder
Endomycorrhizal and
Ectomycorrhizal Fungi
plus Humic Acids & Kelp

Concentration:
92,000 Endo &
1.2 billion Ecto
Propagules per lb.
(201 Endo &
2,595,500 Ecto
Propagules per gram)

Packaging Options:
1 lb. Bags (Case = 10)
120 lb. Bulk Barrels

Applications & Uses:
Horticulture, Landscaping,
Propagation, Arbor Care,
Forestry, Restoration,
and Erosion Control

OMRI LISTED®
For Organic Use

1.0 Overview:

MycoApply® Soluble MAXX (for California) is a suspendable powder mycorrhizal inoculum consisting of 9 species of endomycorrhizal fungi and 10 species of ectomycorrhizal fungi well-suited to a variety of soils, climates and plants. About 95% of the world's plant species form symbiotic relationships with at least one of these types of symbiotic soil fungus. These beneficial fungi greatly increase the effective rooting area of plants, thereby enhancing plant growth, vigor, and tolerance of environmental extremes. MycoApply® Soluble MAXX is a concentrated, fine, suspendable material with a particle size less than 300 microns (will pass a #50 screen). This formula contains mycorrhizal propagules, which colonize roots and extend into the surrounding soil forming an essential link between plants and soil resources. Increasing the rooting area allows improved access to water and nutrients, promoting plant quality and crop performance. This formulation is on a Kelp and Humic Acid carrier, and is OMRI Listed and CDFA OIM Approved.

2.0 Application Instructions:

MycoApply® Soluble MAXX can be applied to established plants including nurseries, ornamental seedbeds, propagation trays, or field grown plants, as well as new seedlings and transplants. Applications can be made through drenching, soil injection, or root spray applications to achieve the best contact with the roots to optimize plant benefits. Applications can be made at any time the root systems are active. Additional applications may be required for stressed plants. Use filters or screen no smaller than #50 mesh when using application equipment.

The goal is to create physical contact between the inoculant and the growing roots.

Established Plantings	Mix **1 pound per 26 gallons of water** treatment. Soil injection applications should apply 1/2 gallon per injection hole.
Transplant Plantings	Mix **1 pound per 26 gallons of water** treatment. Spray on bare roots or drench the root ball at time of transplanting prior to backfilling.
Nurseries and Greenhouses	Mix **1 pound per 26 gallons (3.8 pounds per 100 gallons) of water** treatment. Each 1 Pound Bag of MycoApply Soluble MAXX treats: • 1,200 x 1.0 Liter Pots • 667 x 6" Pots (0.5 gallon) • 316 x 8" Pots (1 gallon) • 152 x 10" Pots (2 gallon) • 86 x 12" Pots (0.5 gallon) • 133 x Plug/Propagation Trays[1] [1]For smaller cells (less than 1.5" deep, with cell counts of 128 cells or more), ensure uniform application to guarantee even coverage of mycorrhizal propagules into each cell.

MycoApply® Soluble MAXX California

Product Specs & Application Instructions (continued)

Key Benefits:

Root System Growth

- Mycorrhizal fungi support faster plant establishment
- Mycorrhizal hyphae access water and nutrients beyond the root zone and deliver them to the plant's vascular network
- Increases root absorption area
- Increases overall root biomass

Nutrient Efficiency

- Mycorrhizal hyphae absorb and actively deliver nutrients directly to the roots
- Improves utilization of soil nutrients including:
  - Nitrogen
  - Phosphorus
  - Potassium
  - Micronutrients

Water Absorption

- Mycorrhizal hyphae absorb and transport soil moisture from beyond the root zone to the plant's roots
- The mycorrhizal symbiosis increases the plant's effective water utilization capability:
  - Improved tolerance to stress
  - Greater resistance to drought

3.0 Guaranteed Analysis:

CONTAINS NON-PLANT FOOD INGREDIENTS:
Soil Amending Guaranteed Analysis
22% Total Active Ingredients:
Endomycorrhizal Fungi:
Glomus intraradices, G. mosseae, G. aggregatum, G. etunicatum (34 prop/g each)
Glomus deserticola, G. monosporum, G. clarum, Paraglomus brasilianum and Gigaspora margarita (13 prop/g each)
Ectomycorrhizal Fungi:
Rhizopogon villosulus, R. luteolus, R. amylopogon, R. fulvigleba (208,750 prop/g each)
Pisolithus tinctorius (1,250,000 prop/g) Suillus granulatus (260,000 prop/g)
Laccaria bicolor and L. laccata (83,500 prop/g each)
Scleroderma cepa and S. citrinum (41,750 prop/g each)
20% Humic Acids derived from leonardite*
78% Total Inert Ingredients:
22% Clay (carrier)
56% Other Inert
**Humic Acid content may aid in the uptake of micronutrients*

Information regarding the contents and levels of metals in this product is available on the internet at: http://www.aapfco.org/metals.html

4.0 First Aid:

Warning: Avoid breathing dust. Use outdoors or in a well-ventilated area. If inhaled remove person to fresh air and keep comfortable for breathing. Avoid eye contact. If in eyes rinse cautiously for several minutes. Dispose of contents/container in accordance with local regulation.

First Aid Measures	
If on Skin:	No first aid should be needed.
If in Eyes:	Rinse opened eye for several minutes under running water. If irritation persists or for foreign body in the eye, get medical attention.
If Swallowed:	If symptoms persist consult doctor.
If Inhaled:	Move to fresh air. If irritation or other symptoms occur, get medical attention.

5.0 Physical Properties:

- **5.1 State:** Powder
- **5.2 Appearance:** Dark Brown
- **5.3 Odor:** Earthy

6.0 Storage & Handling:

- **6.1 Storage:** Store in a dry, cool, well ventilated area. Keep sealed in a properly labeled container. Do not expose to temperatures in excess of 140°F or 60°C.
- **6.2 Handling:** Minimize dust generation and accumulation. Use outdoors, or ensure good ventilation/exhaustion when used indoors.
- **6.3 Disposal:** Dispose of all waste in accordance with local, state, and federal regulations.

7.0 Warranty & Disclaimer:

To the extent consistent with applicable law, seller makes no warranty, express or implied, of merchantability, fitness, or otherwise concerning the use of this product other than as indicated on the label. To the extent consistent with applicable law, user assumes all risk of use, storage, or handling not in strict accordance with accompanying directions.