



Microbes and plants are intimate partners in virtually every life process.

PureECTO mycorrhiza form mutual symbiotic relationships with woody plants, including birch, beech, willow, pine, oak, spruce, fir and roses. Ectomycorrhizal relationships are characterized by an intercellular surface known as the Hartig Net. The Hartig Net consists of highly branched hyphae connecting the epidermal and cortical root cells. The fungi form a dense hyphal sheath surrounding the root's surface. This is known as the mantle. These mycorrhizal propagules, colonize roots and extend into the surrounding soil forming an essential link between plants and soil resources. Increasing the root area allows improved access to water and nutrients, promoting plant quality and crop performance.



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Benefits of pureECTO™

- * These beneficial fungi greatly increase the effective rooting area of plants.
- * Increase plant tolerance to environmental stresses such as disease, drought and salt.
- * Reduced effects of stress on plants makes them less susceptible to attack by root rot.
- * Increased microbial biomass enhances aggregation which improves soil porosity and structure.

CONTAINS NON-PLANT FOOD INGREDIENTS:

Mycorrhizal Fungi: propagules per gram (ppg)

Rhizopogon Villosulus (2,750 ppg), Rhizopogon Luteolus (2,750 ppg), Rhizopogon Amylopogon (2,750 ppg), Rhizopogon Fulvigleba (2,750 ppg), Pisolithus Tinctorius (220,000 ppg), Claroideoglomus (2,750 ppg), Scleroderma Cepa (5,500 ppg), Scleroderma Citrinum (5,500 ppg).

DIRECTIONS:

Ectomycorrhizal application is easy and requires no special equipment. The goal is to create physical contact between the mycorrhizal inoculant and the plant root. PureECTO can be sprinkled onto roots during transplanting, worked into seed beds, blended into potting soil, "watered in" via existing irrigation systems, applied as a root dip or probed into the root zone of existing plants.

Containers: Use 2 cups per 50 gallons water as a soil drench. Apply liberally.

Irrigation: Mix 1/2 cup product per acre (no harm in using stronger ratios if desired, especially for problem plants).

Drench: Mix or dip plant root systems during transplanting or water in as a soil drench. The objective is to get spores in close contact to the roots.

Transplants: Touch damp roots to the inoculum so a small amount sticks to the roots, or sprinkle into planting holes. Use 1/4 teaspoon under each cutting: 1-2 teaspoons for potted transplants or 1/2 ounce per inch of stem caliper plantings.

Store in a cool, dry place. Shake well. Wash exposed areas thoroughly with soap and water after handling. Avoid eye contact. **KEEP OUT OF REACH OF CHILDREN.**

Manufactured by: PureAg® LLC / Salt Lake City, Utah

USES

PureECTO can be used on organic and conventional crops, nurseries, erosion control, forestry and mine reclamation. Works well in greenhouses on ornamentals, trees and shrubs.