



PureBLUE™

Ericoid
Mycorrhizal Fungi



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

Blueberries are unique in that they rely on symbiotic fungi to survive. Ericoid mycorrhizal fungi primarily colonize the root hairs in blueberries. The ericoid fungal hyphae form a loose network over the hair root surface and can penetrate the epidermal cells often at several points filling the cells. It is through these coils that nutrient exchange occurs. PureBLUE provides the ericoid mycorrhizal fungi that blueberries strongly depend on for nutrient acquisition from organic matter. PureBLUE Mycorrhizal Fungi influences plant growth and nutrient uptake.

Our added bacteria strains aid in blueberry production to increase the leaf area, leaves produced, and stem diameter. Together these bacteria and fungi species add a powerful boost in the uptake of critical nutrients



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Benefits PureBLUE™

- * Helps to control the predatory bacteria and fungi population in mummy berry disease and ripe-rot.
- * Solubilizes nutrients making them bio-available to the plant.
- * Improves plant thrive while helping the plant retain more water in the soil profile.
- * Enzymatic capabilities to breakdown complex organic molecules.
- * Dry powder brewed on site controls quality and quantity.

CONTAINS NON-PLANT FOOD INGREDIENTS

Beneficial Bacteria: Bacillus Subtilis sp.1-4, B. Pumilus, B. Megaterium, B. Licheniformis, B. Azotoformans, B. Coagulans, B. Thuringiensis, B. Licheniformis, B. Amyloliquefaciens, Paenibacillus Polymyxa, Paenibacillus Durum, Azotobacter Chroococcum, Saccharomyces Cerevisiae, Pseudomonas Aureofaciens, Pseudomonas Fluorescens

Ericoid Fungi: Oidiodendron Griseum, Oidiodendron Periconioides, Oidiodendron Chlamydo sporium, Oidiodendron Maius, Hymenoscyphus Ericae

USES:

PureBLUE can be used on organic and conventional agricultural crops, and in nurseries. May be used in greenhouses. Works well in all blueberry conditions. Also effective on tea, persimmon, cranberry, Brazil nut and azalea plants.

DIRECTIONS:

Mix 1 cup of PureBLUE per 100 gallons of water for each 5 acre section. Add to an aerated tank. Brew for at least 24 hours before metering into irrigation systems. Pivots, flood, drip or sprinklers can be used.

Mix 2 Tablespoons PureBLUE per 10 gallons of water. (45 plants)

Dusting: Lightly dust the transplant roots or hole where transplant will reside. Make sure the root ball has good contact with the PureBLUE product.

Nursery Treatment: Drench nursery beds with PureBLUE by soaking the product in water for several hours to release the organisms and activate them before sowing. Once activated, the PureBLUE solution should be applied within 24 hours.

Cuttings and Seeding: Place the cuttings and seedlings in a pre-activated PureBLUE solution for 10 minutes before planting.

Soil Treatment: Meter PureBLUE using pivots, flood, drip or sprinklers.

Best practices would include using PureAg Simple Soil Solution on alternating weeks. Consult your PureAg professional to learn how to design your program.

Store in a cool, dry place. Shake well before use. Best if applied within 2 years of purchase. Wash exposed areas thoroughly with soap and water after handling and before eating. Avoid eye contact.

KEEP OUT OF REACH OF CHILDREN.

Manufactured by PureAg / Salt Lake City, UT 84115 / 801-651-3201