



PureAg Biologic Pharm/Bacillus Blend is a high-count bacterial mix designed to enhance carbon decomposition. This blend features Bacillus species known for their resilience in extreme environments, including high pH, elevated temperatures, excessive salt, and drought conditions. A key aspect of the Bacillus-plant relationship is their symbiosis. Bacillus bacteria feed on plant exudates, which are also a primary food source for disease pathogens. By consuming these exudates, Bacillus effectively deprives disease pathogens of a crucial nutrient, thereby inhibiting their growth and proliferation.



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Benefits PureAg Biologic Pharm/Bacillus Blend™

- * Can suppress soil-borne pathogens, reducing the incidence of diseases such as root rot and wilt.
- * Assist in the breakdown of pollutants in contaminated soils, such as pesticides and heavy metals, thus improving soil health.
- * Provides the biology necessary to solubilize nutrients and fix nitrogen to meet the plant demands.
- * Improves stress tolerance, and aids in salt resistance and drought tolerance.
- * Bacillus species represent a wide range of physiological abilities, allowing the organism to grow in every environment and compete desirably with other organisms.

CONTAINS NON-PLANT FOOD INGREDIENTS:

Beneficial Bacteria: 100,000,000 CFU per gram (each)

Bacillus Subtilis, Bacillus Firmus, Bacillus Pumilus, Bacillus Amyloliquefaciens, Bacillus Licheniformis, Bacillus Azotoformans, Bacillus Megaterium, Bacillus Coagulans, Paenibacillus Durum, Paenibacillus Polymyxa

Beneficial Bacteria: 20,000,000 CFU per gram (each)

Pseudomonas Aureofaciens, Pseudomonas Fluorescens, Pseudomonas Putida, Streptomyces Coelicolor, Streptomyces Lydicus, Streptomyces Griseus

DIRECTIONS

Mix 1 cup of PureAg Biologic Pharm per 100 gallons of water for each 5 acre section. Meter into irrigation systems, using pivots, flood, drip or sprinklers. May also be applied as a foliar spray.

7 lbs / 16 cups / 3 kg = 80 acres/32 hectares

1 lb / 2 cups / 386 g = 10 acres/4 hectares

8 oz / 1 cup = / 195 g = 5 Acres/2 hectares

Mix 2 Tablespoons PureAg Biologic Pharm Bacillus Blend per 10 gallons of water and aerate for 24 hours. (45 plants)

Soaking:

Mix 1 Tablespoon PureAg Bacillus Blend per 5 gallons of water and aerate for 24 hours. Soak transplant media in solution.

Dusting:

Lightly dust the transplant roots or hole where transplant will reside. Make sure the root ball has good contact with the PureAg Bacillus Blend product.

Nursery Treatment:

Drench nursery beds with PureAg Biologic Pharm Bacillus Blend by soaking the product in water for several hours to release the organisms and activate them before sowing. Once activated, the Bacillus Blend solution should be applied with 24 hours.

Cutting and Seeding:

Place the cuttings and seedlings in a pre-activated PureAg Bacillus Blend solution for 10 minutes before planting.

It is not recommended to mix higher agricultural dosing. By creating higher dosing, it is easier to pass the point of value and create imbalances which may lead to secondary problems.

Store in 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

PureAg Biologic Pharm Bacillus Blend can be used on organic and conventional agricultural crops, nurseries, golf courses, sports fields, oil fields, erosion control, forestry and mine reclamation.

Works well in greenhouses on ornamentals, perennials, annuals, vegetables, herbs, fruits, trees and shrubs.

For more information please consult your PureAg® professional.

Store in a cool, dry place. Shake well before use. Best if applied within 2 years of purchase.