



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

PureAg Biologic Pharm/Bacillus Blend is a high count bacteria mix with an emphasis on carbon decomposition and disease suppression. Bacillus species tolerate extreme environments such as high pH, hot temperature, excessive salt and drought.

There is a symbiosis component to the bacillus-plant dynamic. Bacillus feed off plant exudates, which also serve as a food source for disease pathogens. Because bacillus consumes exudates, it deprives disease pathogens of a major food source, thereby inhibiting their ability to thrive and produce.



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Benefits PureAg Biologic Pharm/Bacillus Blend™

- * Promotes growth without leaving any chemical residue in the produce.
- * Reduces predatory micro-organisms, and disease with a non-toxic and all natural solution.
- * 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 Amylolyquefaciens, 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.