



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

Trichoderma species are one of the most studied fungi. They are ever present colonizers of cellulosic materials and are often found wherever decaying plant material is available, or in the rhizosphere of plants.

When combined with other beneficial micro-organisms they play a critical role in the nutrient cycle for plants. These beneficial soil micro-organisms help recycle soil nutrients, help solubilize vital nutrients (such as phosphorus), provide plant growth hormones (phytohormones), and can improve overall soil quality.



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Benefits PureAg Rootamendary Trichoderma™

- * Releases powerful enzymes into the soil that dissolve hard to capture nutrients, such as phosphorous, iron and other tightly bound soil nutrients.
- * Produces organic extracellular polysaccharides that bind soils into aggregates and improve soil porosity.
- * Trichoderma colonizes plant's root systems and protects them from soil borne pathogens.
- * Decomposes and absorbs the organic material.
- * Releases compounds that activate the plant's defense mechanisms.
- * Highly effective and economical green alternative to caustic or toxic compounds with no need for special handling.

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

Mycorrhizal Fungi: propagules per gram

Glomus Intraradices (70), Glomus Mosseae (70), Glomus Aggregatum (70), Glomus Etunicatum (70) Rhizopogon Villosulus (2750), Rhizopogon Luteolus (2750), Rhizopogon Amylopogon (2750), Rhizopogon Fulvigleba (2750), Pisolithus Tinctorius (220,000), Scleroderma Cepa (5500), Scleroderma Citrinum (5500)

Saccharomyces Cerevisiae (1,200,000 CFU per gram)

Trichoderma: 3,600,000 CFU per gram (each)

Trichoderma Viride, Trichoderma Reesei, Trichoderma Harzianum, Trichoderma Virens

USES

PureAg Simply Rootamendary is a blend of select bacillus bacteria strains and trichoderma fungi. These strains actively control pathogenic fungi and suppress disease entering from the root zone. It bolsters the microbial balance to the soil and is designed to treat compromised environments.

PureAg Simply Rootamendary can be used on organic and conventional agricultural crops, nurseries, golf courses, sports fields, oil fields, erosion control, forestry and mine reclamation. Please consult you PureAg® professional to ensure proper usage of product.

APPLICATION GUIDELINES

Applications are planning guidelines only. Always consider soil condition, micro-climates, water quality and pest presence. Best practices would include using PureAg Simple Soil Solution on alternating weeks. Consult your PureAg® professional to learn how to design your program. Please see back of packaging for directions.

DIRECTIONS

Mix 1 cup of PureAg Simply Rootamendary per 100 gallons of water for each 5 acre section. Meter into irrigation systems, using pivots, flood, drip or sprinklers.

1 gal / 16 cups / 3 kg = 80 acres/32 hectares

16 oz / 2 cups / 386 g = 10 acres/4 hectares

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

Mix 2 Tablespoons PureAg Simply Rootamendary 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 Simply Rootamendary product.

Nursery Treatment:

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

Cutting and Seeding:

Place the cuttings and seedlings in a pre-activated Simply Rootamendary solution for 10 minutes before planting.

Soil Treatment:

Meter Simply Rootamendary using pivots, flood, drip or sprinklers. If using as a disease control rather than preventative, it is best to treat infections early.

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.

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

Plant Category	Gallons per Application	Number of Applications	Begin Inoculation	Frequency (weeks)
Field Crops	10	2 to 4	Week 1 and 3	Alternating Weeks
Vineyards	10	4 to 6	Any Time	Alternating Weeks
Grains/Grasses	10	6 to 8	Any Time	Alternating Weeks
Leafy Greens	10	6 to 8	Prior to Planting	Alternating Weeks
Trees	10	4 to 8	Any Time	Alternating Weeks
Nursery	10	Weekly	Week 1 and 3	All Irrigations
Turf	10	8 to 12	Any Time	Until Condition Cures
Ornamentals	10	10 to 12	Week 1 and 3	Alternating Weeks