



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

PureAg Simply Rootamendary is a blend of beneficial trichoderma fungi that help keep the soil balanced, nutrients more readily available, and provides much needed carbon for the plant. Trichoderma are ever present colonizers of cellulosic materials and are often found wherever decaying plant material is available in the rhizosphere of plants. When combined with other micro-organisms, they play a critical role in the nutrient recycling for plants. Trichoderma are highly opportunistic and adapt easily to various ecological conditions.



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Benefits of 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 colonize plant root systems and protects them from soil borne pathogens.
- * Decomposes and absorbs the organic material.
- * Releases compounds that activate the plant's defense mechanisms.

PureAg Rootamendary aids in controlling harmful fungi and other pathogens that could be out to destroy your crop. Trichoderma competes with those other pathogens for resources. Since it's stronger and more resilient than those pathogens, it wins by choking out the competition. This fungus won't harm your plant, it is only after the resources in the soil and forms a symbiotic relationship with the plant. It aids in strengthening the plant root system and fosters water retention, uptake, and also promotes photosynthesis to keep the plant strong and healthy. PureAg Rootamendary can help your plant be more tolerant to environmental hardships like drought and nutrient-deficient soil.

CONTAINS NON-PLANT FOOD INGREDIENTS:

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

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

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

Trichoderma: 250,000,000 CFU spores per gram

Trichoderma Viride, Trichoderma Reesei, Trichoderma Harzianum, Trichoderma Hamatum

USES

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

continued

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.

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 / 801-651-3201

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