



PureAg Simply Rootamendary is a blend of beneficial *Trichoderma* fungi designed to enhance soil health. This product helps maintain soil balance, increases nutrient availability, and supplies essential carbon for plant growth. *Trichoderma* fungi are naturally occurring colonizers of cellulosic materials and are frequently found in the rhizosphere, where decaying plant matter is present. When working in conjunction with other microorganisms, *Trichoderma* plays a vital role in nutrient recycling, ensuring plants receive the necessary elements for robust growth. These fungi are highly opportunistic and exhibit remarkable adaptability to various ecological conditions.



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Benefits of PureAg Rootamendary Trichoderma™

- * Releases powerful enzymes into the soil that break down hard-to-capture nutrients, such as phosphorus, iron, and other tightly bound soil elements.
- * Produces organic extracellular polysaccharides that bind soil particles into aggregates, improving soil structure and porosity.
- * Decomposes and absorbs organic material, aiding in nutrient cycling and microbial balance.
- * Releases beneficial compounds that activate the plant's natural defense mechanisms, helping to improve resilience against stress and pathogens.

PureAg Simply Rootamendary helps control harmful fungi and other pathogens that threaten your crops. *Trichoderma* fungi compete with these pathogens for resources, and because they are stronger and more resilient, they effectively outcompete and suppress them. This beneficial fungus does not harm your plants; rather, it forms a symbiotic relationship that enhances the root system, improves water retention and uptake, and promotes photosynthesis. As a result, **PureAg Simply Rootamendary** helps plants withstand environmental challenges such as drought and nutrient deficiencies.

CONTAINS NON-PLANT FOOD INGREDIENTS:

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

Bacillus subtilis, Bacillus firmus, Bacillus pumilus, Bacillus amyloliquefaciens, Bacillus licheniformis, Bacillus azotofomans, Bacillus megaterium, Bacillus coagulans, Paenibacillus durus, 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 the irrigation systems, using pivots, flood, drip or sprinklers.

1 gal (16 cups) treats 80 acres/32 hectares

16 oz (2 cups) treats 10 acres/4 hectares

8 oz (1 cup) treats 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 within 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** into the irrigation system 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 | 6 to 8 | 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 |