



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

Trichoderma strains have long been recognized as biological agents that aid against fungal diseases. By actively taking over a root zone, they make it difficult for soil pathogens to compete for space and nutrients, making otherwise unavailable soil nutrients available to plants.

PureAg Simply Rootamendary solubilizes phosphates and micro-nutrients. Applying Simply Rootamendary increases the number of deep roots, and improves the plants ability to resist drought. As a potent biocontrol agent, it helps control disease. Trichoderma bio-remediates soils contaminated with pesticides and herbicides.



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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.
- \* Attacks pathogen or disease organisms entering the root zone.
- \* Enhances plant root growth by creating miles of fungal filaments.
- \* Dramatically less water needed due to increased organic matter.
- \* Highly effective and economical green alternative to caustic or toxic compounds with no need for special handling.

### CONTAINS NON-PLANT FOOD INGREDIENTS:

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

Bacillus Subtilis, Bacillus Licheniformis, Bacillus Azotoformans, Bacillus Megaterium, Bacillus Coagulans, Bacillus Pumilus, Bacillus Stearothermophilus, Bacillus Thuringiensis, Bacillus Amyloliquefaciens, Paenibacillus Polymyxa, Paenibacillus Durum, Paenibacillus Florescence, Paenibacillus Gordonae, Azotobacter Chroococcum, Azotobacter Polymyxa, Pseudomonas Aureofaciens, Streptomyces Lydicus, Streptomyces Griseus, Streptomyces Coelicolor, Pseudomonas Putida

#### **Trichoderma: 20,000,000 CFU per gram (each)**

Trichoderma Viride, Trichoderma Harzianum, Trichoderma Reesei, Trichoderma Hamatum, Trichoderma Polysporum, Trichoderma Koningii, Trichoderma Virens

Information regarding the contents and levels of metals in this product is available on the internet at: <http://www.aapfco.org/metals.htm>

### 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 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