



Probiotics for Soil & Plant Health

## Technical Information

### therapy - DP (Disease Probiotic)

#### Label:

Contains highly robust probiotic fungal and chitin remediating gram-positive binary fission bacteria consortia.

#### **Bacteria Strains (NON-GMO)**

Bacillus amyloliquefaciens

Bacillus subtilis

Bacillus coagulans

Streptomyces atratus

Trichoderma harzanium

Trichoderma virens

Chitosan

#### **Purpose:**

Remediate cool and warm season diseases.

Examples: Pythium, Patch Diseases, Botrytis, Leaf Spots, Fungus, Powdery Mildew, Downy Mildew, Fusariums, Rust, Smut, Algae, Fairy Rings, Gray Leaf Spot, Anthracnose, Molds, Root Rot Diseases, Bio Films.

#### **Description:**

These strains are strong anti-fungal chitinase producers and mineralizers. They each work in a cascade to remediate fungal metabolites and to outcompete them in the soil.

#### **Promotes:**

Disease Remediation in Soil & Plants, Chitin Remediating Enzymes, Breakdown of Organic Contaminates, Root Establishment, Primary & Secondary Roots, Root & Plant Biomass, Soil & Plant Stamina, Phosphorus Availability, Root Zone Vigor, Environmental Health of Soil.

#### **CFU:**

1 Trillion per 4 ounces

#### **Environmental Tolerances:**

UV light (natural/artificial), Temperature Ranges 0°-180°, Extreme Dry Conditions, Extreme Wet Conditions, pH ranges 3.0-9.5.

#### **Physical Product:**

Dry highly water-soluble powder.

#### **Mixing/Storage/Handling:**

Adjust water pH to below 9.5. No refrigeration required. No prior culturing required. Shelf life 5 years.

PPE (personal protective equipment) dust mask and gloves.

#### **Compatibility:**

Compatible with Pesticides and Fertilizers. Not Compatible with Bio-Sides, Fumigants or High Concentrations of Humic or Fulvic Acids.

#### **EPA EXEMPTION:**

Microorganisms exempt from CDR requirements – 40 CFR 725.

\*All microbials are considered naturally-derived, non-pathogenic, non-toxic, non-GMO, non-hazardous and non-corrosive.

\*All microorganisms are not considered to be pathogenic for livestock or poultry.

