RHIZOSPHERE SOLUTIONS

Probiotics for Soil & Plant Health

Technical Information

therapy - BP (Black Layer Probiotic)

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

Bacteria Strains (NON-GMO)

Bacillus subtillis (2 strains)

Bacillus formis

Pseudomonas fluorescens

Trichoderma harzanium

Trichoderma virens

Purpose:
Remediate black layer, muck soils and clay soils.

Description:
These strains work together to physically control black layer, muck soils and clay soils. Pseudomonas fluorescens works to change the Growing environment to an aerobic one. Restores soil growing environment increasing air and water movement in the soil, to provide better root growth.

Promotes:
Black Layer Decomposition, Thatch Decomposition, Aerobic Activity, Water Percolation, Air Movement in Soil, Organic Mineralization, Chitin Remediation, Resistance to Abiotic & Biotic Stress, Root Establishment & Growth, Soil & Plant Health.

CFU:
750 Billion per 4 ounces

Environmental Tolerances:
UV light (natural/artificial), Temperature Ranges 0º-180º, 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.

RICULTURAL CROPS [FIELD / VEGETABLE / BERRIES / FRUITS / NUTS / VINEYARDS / CITRUS / SUGAR CANE / SOD] • TURF [GOLF COURSE / COMMERCIAL / RESIDENTIAL / SPORTS FIELDS] • ORNAMENTALS [COMMERCIAL / RESIDENTIAL / NURSERY / GREENHOUSE / TREE] • COMPOST • MANURE • ARTIFICIAL MEDIA • GOVERNMENT • AGRICULTURAL CROPS [FIELD / VEGETABLE / BERRIES / FRUITS / NUTS / VINEYARDS / CITRUS / SUGAR CANE / SOD] • TURF [GOLF COURSE / COMMERCIAL / RESIDENTIAL / SPORTS FIELDS] • ORNAMENTALS [COMMERCIAL / RESIDENTIAL / NURSERY / GREENHOUSE / TREE] • COMPOST • MANURE • ARTIFICIAL MEDIA • GOVERNMENT • AGRICULTURAL CROPS [FIELD / VEGETABLE / BERRIES / FRUITS / NUTS / VINEYARDS / CITRUS / SUGAR CANE / SOD] • TURF [GOLF COURSE / COMMERCIAL / RESIDENTIAL / SPORTS FIELDS] • ORNAMENTALS [COMMERCIAL / RESIDENTIAL / NURSERY / GREENHOUSE / TREE] • COMPOST • MANURE • ARTIFICIAL MEDIA • GOVERNMENT • AGRICULTURAL CROPS [FIELD / VEGETABLE / BERRIES / FRUITS / NUTS / VINEYARDS / CITRUS / SUGAR CANE