RHIZOSPHERE SOLUTIONS

Probiotics for Soil & Plant Health

Technical Information

therapy - NP (Nematode Probiotic)

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

Bacteria Strains (NON-GMO)

Bacillus pumillis

Bacillus methylotrophicus (2 strains)

Pseudomonas fluorescens

Beauveria bassiana

Chitosan

Purpose:
Remediate Endo-parasitic and Ecto-parasitic Nematodes
Examples: Sting, Lance, Root Knot, Stubby Root, Awl, Spiral, Sheath

Description:
These strains have strong anti-nematode remediating properties. They puncture pores in the nematode larvae as they develop. Each of these strains work in synergy and incrementally with one another as bio-remediators. Beauveria bassiana is a fungus that enters the pores created during the degrading of the chitin exoskeleton; completing nematode remediation.

Promotes:
Nematode Remediation, Chitin Cycling & Remediation, Root Zone Vigor, Root Establishment, Iron Uptake, Root & Plant Biomass, Soil & Plant Stamina, Degradation of Soil Pollutants, Primary & Secondary Roots.

CFU:
1 Trillion 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