

FUNGAL

DRY BLENDED FUNGI AND BACTERIA



Beneficial microbial consortium aimed at control of plant-pathogenic fungi.
Apply to soil or as foliar spray for increased plant health and vitality.

ACTIVE INGREDIENTS:

Trichoderma Species / Bacillus Subtilis /
B. Amylolyquefaciens / Pseudomonas Fluorescens /
Paenibacillus Polymyxa

CONCENTRATION:

1.0x10⁹ Total CFU/g

DILUTION:

Mix 1kg with 400L fresh water.
Use 400L+ / ha.

APPLICATION:

Foliar spray 1kg/ha; Broad 1kg/ha;
Seed coating 250g/ha.
At start of growing season or on need.
Repeat after 7-14 days during an outbreak.

HANDLING:

Apply when mixed, don't store pre-mix.
Apply early morning or late afternoon to
reduce UV exposure.

STORAGE:

Cool, dry place out of direct sunlight.
Shelf-life 24 months at 4-25°C.
Keep closed when not in use.

CAUTION:

Not a hazardous substance or mixture.
Keep out of reach of children and pets.
Do not swallow.



Strategic agricultural inoculum
formulation, to ensure
compatibility, efficacy, and
stability.

The combination of these microbes follows a
holistic approach by coupling mycoparasitism and
antibiotic production for control of a broad-
spectrum of fungal pathogens.

1. **Trichoderma Harzianum** – produces enzymes that degrade fungal cell walls, and antifungal metabolites.
2. **Trichoderma viride** – Similar to T. harzianum but with stronger enzymatic activity and broader antifungal spectrum.
3. **Trichoderma atroviride** – Produces antifungal metabolites and inducing systemic resistance in plants.
4. **Bacillus subtilis** – Produces antifungal lipopeptides.
5. **Bacillus amylolyquefaciens** – Known for producing strong antifungal compounds and promoting plant growth.
6. **Pseudomonas fluorescens** – Produces antibiotics and siderophores that inhibit fungal growth by iron chelation.
7. **Paenibacillus polymyxa** – Produces fusaricidins and other antifungal compounds that suppress soil-borne pathogens.



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