

NEMATODE

DRY BLENDED
FUNGI AND BACTERIA



Beneficial microbial consortium aimed at plant health protection against plant-parasitic nematodes. Apply to soil for increased plant health and vitality.

ACTIVE INGREDIENTS:

Paecilomyces Lilacinus / Bacillus Subtilis /
Bacillus Amyloliquefaciens / Pseudomonas
Fluorescens / Trichoderma Harzianum / T. Viride

CONCENTRATION:

1.0x10⁹ Total CFU/g

DILUTION:

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

APPLICATION:

Foliar spray 1kg/ha - Broad 1kg/ha.
At start of growing season or on need.

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.

The combination of these microbes follows a holistic approach by targeting different nematode life stages and utilises their natural ability to produce toxins for pathogenic nematode suppression.

- Paecilomyces lilacinus** – A well-known egg-parasitic fungus that infects the eggs and juvenile stages of plant-parasitic nematodes.
- Pseudomonas fluorescens** – Produces secondary metabolites (e.g., hydrogen cyanide, phenazines) that are toxic to nematodes. It also induces systemic resistance in plants.
- Bacillus subtilis** – Produces nematicidal compounds (e.g., lipopeptides) and promotes plant growth, reducing nematode damage.
- Bacillus amyloliquefaciens** – Produces antibiotics and lipopeptides that suppress nematode populations.
- Trichoderma harzianum** – Mycoparasitic fungus that produces enzymes (chitinases, proteases) to degrade nematode eggs and juveniles. It also induces systemic resistance in plants.
- Trichoderma viride** – Similar mode of action to T. harzianum with additional plant growth-promoting effects.



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

