

INSECT

DRY BLENDED FUNGI AND BACTERIA

ZERO

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

ACTIVE INGREDIENTS:

Bacillus Thuringiensis Subsp. *Kurstaki* / *Brevibacillus*
Laterosporus / *Metarhizium Anisopliae* /
Beauveria Bassiana / *Paecilomyces Lilacinus*

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.
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.

The combination of these microbes follows a holistic approach by targeting a wide spectrum of insects and their life stages – insect eggs, larvae, hard-bodied and soft-bodied insects.

1. *Bacillus thuringiensis* subsp. *kurstaki* – Produces crystal proteins (Cry toxins) that are toxic to the larvae of Lepidoptera (moths and butterflies).
2. *Brevibacillus laterosporus* – Produces insecticidal toxins effective against some soil-dwelling pests.
3. *Metarhizium anisopliae* – An entomopathogenic fungus that infects a wide range of insects by penetrating their exoskeleton.
4. *Beauveria bassiana* – A fungal insect pathogen effective against aphids, whiteflies, thrips, beetles, and other soft-bodied insects.
5. *Paecilomyces lilacinus* – Primarily a nematode antagonist but also effective against some insect eggs and larvae.



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

