BIO PROTECTOR FUNGICIDE

AGRIPURE

BIOLOGICAL CONTROL OF FUNGAL PATHOGENS

BIO PROTECTOR RANGE

PRODUCT DESCRIPTION

Fungal pathogens cause a wide range of plant diseases, impacting crop yields and quality. Conventional fungicides have raised concerns about environmental safety and resistance development.

Biological control using beneficial microorganisms has emerged as a sustainable and environmentally friendly alternative to chemical fungicides. AgriPure **BIO PROTECTOR FUNGICIDE** contains a consortium of well-documented fungus-suppressing organisms, with added **Flavonox** for enhanced protection against environmental stress.

These organisms produce enzymes, organic acids and toxins that negatively affect pathogenic fungi and protect the root zone. It is 100% probiotic and non-pathogenic to plants and humans.

BENEFITS

1 Targeted, biologically driven control

Combined with enhanced protection against environmental stresses from added Flavonox. Specific microbes (e.g. *Bacillus*, *Trichoderma*) effectively suppress pathogens, reducing harm to non-target organisms and beneficial fauna.

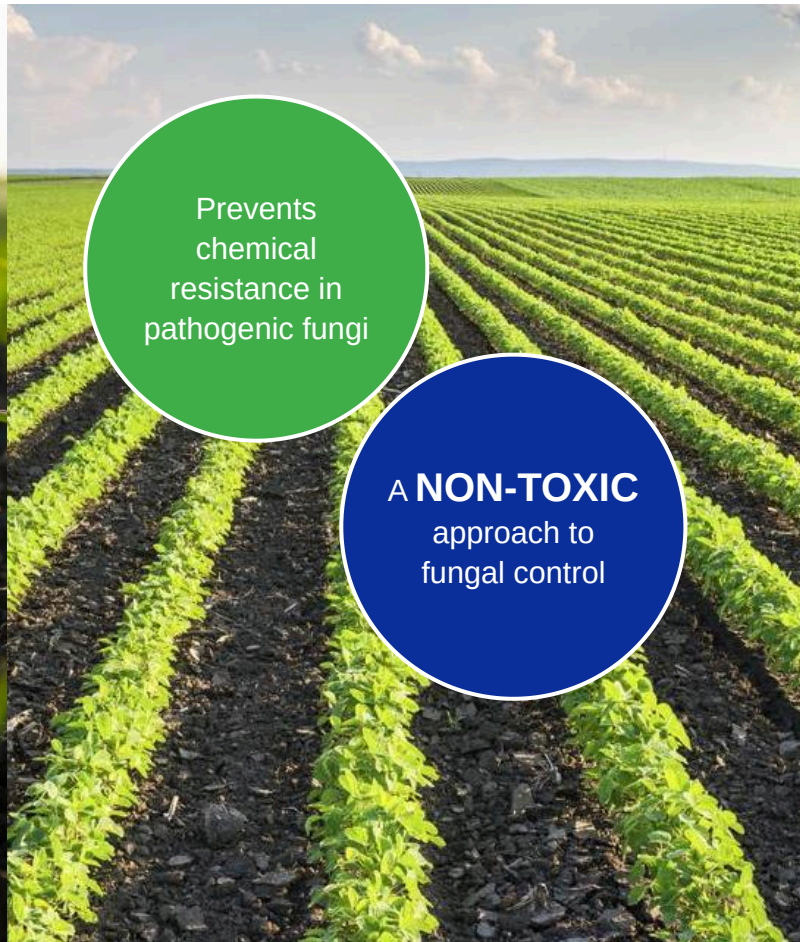
2 Improved plant vigour and soil health

Beneficial microbes promote nutrient availability, root growth and soil structure, supporting healthier plants that are less susceptible to attack and helping rebuild a disease-suppressive soil microbiome.

3 Flexibility of application

Microbes can be delivered via seed treatments, soil drenches, transplant dips or irrigation, enabling targeted and efficient deployment.





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TECHNICAL INFORMATION

BIO PROTECTOR FUNGICIDE combines four well-documented biological control organisms:

Bacillus amyloliquefaciens

A spore-forming bacterium that produces secondary metabolites with antifungal properties, inhibiting fungal growth and development. It also induces systemic resistance in plants, priming their defence mechanisms against fungal infections.

Bacillus pumilus

A spore-forming bacterium that secretes secondary metabolites which disrupt fungal cell membranes and inhibit fungal growth. It also enhances plant growth and defence responses, contributing to disease suppression.

Brevibacillus laterosporus

This bacterium exhibits antagonistic activity against various fungal pathogens. It also induces systemic resistance in plants, providing long-term protection against fungal infections.

Trichoderma harzianum

A well-known filamentous fungus and potent antagonist of plant-pathogenic fungi. It produces antifungal metabolites that inhibit growth and spore germination, directly parasitises pathogenic fungi by colonising their hyphae, and induces systemic resistance in plants.

In short, microbes offer targeted, environmentally friendly and multifaceted tools for managing nematodes, insects and soil-borne diseases, while enhancing plant and soil health.

DIRECTIONS FOR USE

Apply 1 kg of water-soluble powder per ha at the beginning of the growing season.

- 100 L water/ha for in-furrow applications
- 400–1 000 L water/ha for foliar applications
- All AgriPure products can be used and mixed together
- 400 L water/ha for bulk applications
- For foliar applications, apply with a spreading wetting agent
- Can be applied through irrigation and fertigation systems for root-zone applications

DO NOT APPLY WITH ANY BIOCIDES

Available sizes: **1 kg** **10 kg** **25 kg**

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