BIO PROTECTOR NEMATODE

AGRIPURE

BIOLOGICAL CONTROL OF PLANT-PARASITIC NEMATODES

BIO PROTECTOR RANGE

PRODUCT DESCRIPTION

Nematodes are microscopic soil-dwelling organisms that can cause significant crop damage and substantial economic losses. Chemical nematicides have raised concerns about environmental safety and sustainability.

AgriPure **BIO PROTECTOR NEMATODE** contains specific bacteria and fungi species combined with **Flavonox** to biologically deter and help control nematodes in the soil, while improving the plant's own defence mechanisms by producing bio-active components. These compounds directly target and inhibit nematode growth and reproduction, and stimulate plant defences, promoting systemic resistance against nematode infections.

Its organisms produce enzymes, organic acids and toxins that negatively affect only pathogenic nematodes and protect the root zone. They are 100% probiotic and non-pathogenic to plants and humans.

BENEFITS

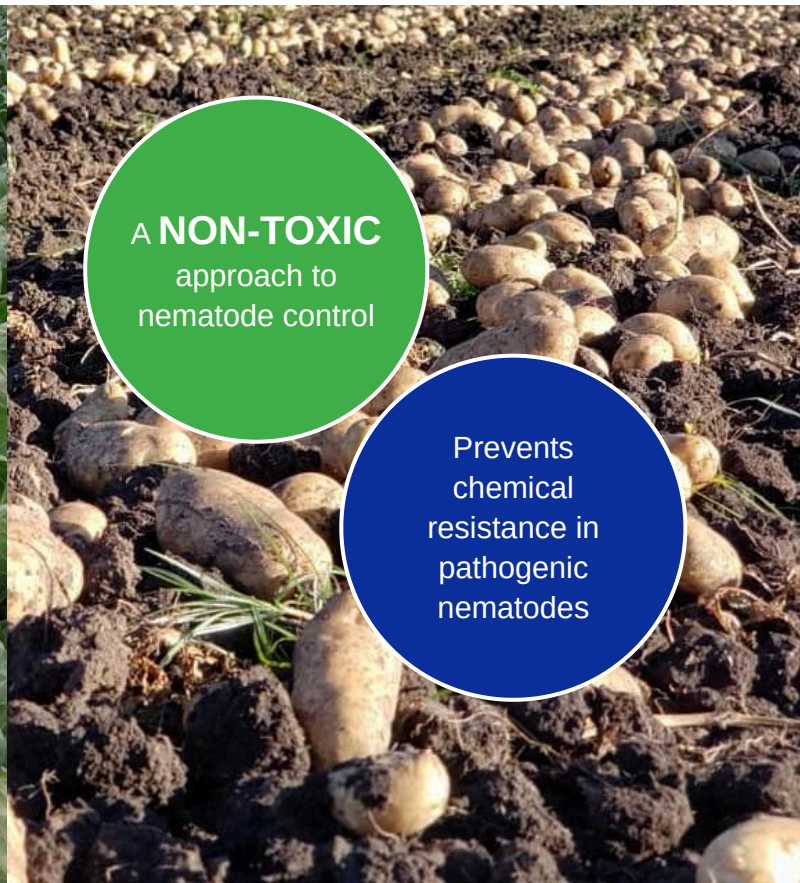
1 Eco-friendly alternative
A sustainable substitute for harsh chemical nematicides.

2 Enhanced plant defences
Stimulates systemic resistance in plants, bolstering their natural defences against nematode attacks.

3 Crop health improvement
By reducing nematode populations and strengthening plant defences, it contributes to better overall crop health.

4 Integrated pest management
Supports environmentally friendly and sustainable pest control strategies in agriculture.





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TECHNICAL INFORMATION — DIRECT NEMATICIDAL ACTIVITY

Bacillus subtilis

Produces bio-active compounds (lipopeptides, surfactants, polyketides) that directly inhibit nematode growth and reproduction.

Brevibacillus laterosporus

Produces laterosporulin, a compound that effectively kills nematodes.

Pseudomonas fluorescens

Releases proteases and antibiotics that suppress nematode populations.

Nematophagous fungi

Form specialised physical traps, such as adhesive traps or constricting rings, capturing, penetrating and digesting nematodes in the soil.

DIRECTIONS FOR USE

CROP	APPLICATION
Grain, Small Grains, Legumes	Apply 1 kg/ha as an in-furrow treatment at planting or as a seed treatment. In highly infested soils, repeat after 6–8 weeks, using at least 400 L water/ha.
Pome Fruit, Stone Fruit, Citrus, Nuts, Pine, Grapes, Tropical Fruit	Apply 1 kg/ha dissolved, through the irrigation system at budbreak. Repeat after 8 weeks in highly infested soils. Avoid soil copper applications with this product.
Bulb Veg, Leafy Veg, Potatoes, Solanaceous, Sugarcane	Apply 1 kg/ha through the irrigation system at planting or when regrowth starts. Avoid soil-applied fungicides for at least one week before and after application.
Pastures	Apply 1 kg/ha diluted with standard chemical fertiliser through irrigation in spring.
Flowers, Shrubs, Ferns, Cycads, Indoor Plants	Dissolve 1 kg dry product in 100 L water and apply.
Lawns & Sports Fields	Dissolve 1 kg in 400 L water and apply.

DO NOT APPLY WITH ANY BIOCIDES

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

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