

ANC ENZYME SOLUTIONS PTE LTD

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Bio-Health-B

(*Pseudomonas fluorescens* 1.75%)

Bio-Health-B is a talc based biological fungicide/growth promoting bacterial product contain *Pseudomonas fluorescens* that is effective in controlling of wilts, root rot in plants and loose smut in wheat.

Mode of action:

It controls the pathogen by substrate competition for nutrients available in the soil and leaf phyllophere

Crop and target pathogen:

Crops	Target Pests	Application Methods	Frequency of application
Potato, Cucumbers, Eggplant, Tomatoes, Chili, Cut flowers, Orchards, Vineyards, Ornamentals in greenhouses; lawns nurseries and landscape.	Pythium spp., Rhizoctonia solani, Fusarium spp., Botrytis cinerea, Sclerotium rolfsii, Sclerotinia homoeocarpa. Ustilago tritici.	<u>Directions For Use :</u> <u>Greenhouse potting mix or soil drench</u> Suspend Bio-Health-B in sufficient water (400-500g/100L) to achieve uniform application. Apply at the rate of 100-200 g per cubic metre (loose) of greenhouse potting mix, soil or planting beds. Bio-Health-B can be applied through low pressure watering nozzles such as fan nozzles or other watering systems after filtering with filters. Agitate to maintain suspension. For best effect, treat potting mix several days before use for seeding or transplants. <u>For bulbs & Ornamental</u> Dip bulbs in Bio-Health-B suspension (100g/L) prior to planting.	The frequency of applications also depends on the percentage of diseases infestation. In the case of high infestation multiple applications are recommended. Applications during early stages of plants growth protect the plant during critical stages of development, translating into better performance and yield.

Dosage Blanket recommendation

- Soil application 2-3kg/ ha along with any organic fertilizer (without pathogenic contaminants).
- Seed treatment @ 4-5 gm per kg of seeds as per standard wet treatment.

Bio-Health-B Solution preparation

The Bio-Health-B should be thoroughly mixed with water and allowed to stand for 10-15 minutes. Decant into a clean container and use it on the same day. Sediment can be tipped onto soil or compost heap, as there is still some benefit left.

Compatibility with pesticides

Bio-Health-B is compatible with fungicides. Do not tank mix with herbicides and pesticides.

Toxicology

- Acute oral in rats : Non Toxic and Non-Virulent
- Acute oral in mice : Non Toxic and Non-Virulent
- Acute Pulmonary toxicity Rat : Non Toxic and Non-Virulent
- Acute dermal toxicity Rabbit : Non Toxic and Non-Virulent
- Acute intraperitoneal : Non Toxic and Non-Virulent
- Acute oral toxicity study (chicken) : Non-toxic. LD₅₀>5000mg/kg/B.wt
- Acute oral toxicity study (pigeon) : Non-toxic. LD₅₀>5000mg/kg/B.wt
- Primary skin irritation : Non-irritant
- Irritation to mucous membrane : Non-irritant
- Acute toxicity o fresh water fish : >200mg/l
- Toxicity to Algae : Does not cause any effect on the growth of Algae

Disclaimer-All suggestions and data presented are based on information and tests that are believed to be accurate and reliable, but are not to be taken as a guarantee, expressed or implied, for which seller assumes legal responsibility. It is recommended that the user carry out their own tests to determine the suitability of the product to his/her process before incorporating the product on a commercial scale. ANC Enzyme Solutions Pte Ltd

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Benefits

- Ecofriendly and non-toxic to humans and animals
- Maintain the ecological balance
- Does not create resistance, resurgence, and residues problem.
- Does not affect the natural enemies and offers a long lasting pest control.
- Certified by IMO and EUREPGAP for use in organic agriculture.
- Forms a good molecule for use in IPM programme.

Salient points

Certified by IMO for use in organic farming

Registration Status

Registered with Central Insecticide Board of India

Shelf Life

Eight months if stored at 20-25°C and if unopened.

Packing

1Kg, 500gms, 250gms, 100gms.