

FUNGI-GUARD

(NATURAL FUNGICIDE)

INTRODUCTION:

Fungi-Guard is a versatile biological fungicide designed to control a broad spectrum of soil and airborne fungal diseases on Wheat, vegetables and other crops.

Fungi-guard contains *Bacillus pumilus* which is a beneficial bacterium that colonizes developing root systems and effectively suppresses disease-causing fungal pathogens such as *Pythium*, *Fusarium*, and *Rhizoctonia* etc.

COMPOSITION:

Component	Content (% w/w)
<i>Bacillus pumilus</i> 1X10 ¹⁰ CFU/g	: 25.00
Adjuvants	: 75.00

RECOMMENDATIONS:

Soil Treatment/Foliar Spray: 850 grams per hectare (gms/ha) mixed in 500-600 liters of water.

Crops: Wheat, vegetables, Cereals, Ornamentals and other crops.

MODE OF ACTION:

Bacillus pumilus colonize developing root systems and suppress disease-causing fungal pathogens, such as *Pythium*, *Fusarium* and *Rhizoctonia* etc. As the root system develops, the bacteria grow within the rhizosphere and extend the protection throughout the growing season. As a result, a vigorous root system is established, which results in more uniform plant stands after transplanting.

METHOD OF APPLICATION:

Ground Application (Foliage):

Apply in recommended amount of water to thoroughly cover foliage infested with pathogen, 500-600 liters of water/ha. Water volume depends on spray equipment, crop canopy and target pest. Spray to wet, but avoid runoff. Apply up to a maximum of 1200 ml of product per hectare for extreme pathogen pressure or dense foliage.

Areal Application (Foliage):

Apply in sufficient water to thoroughly cover foliage infested with pathogen. For best results, apply in 500-600 liters of water/ha.

Soil Application:

For most soil applications, apply lower recommended dose of product in one hectare. For difficult to control soil pathogens, apply product at the upper rate range of product per hectare. Do not apply to water-saturated soil. Apply product in enough water to ensure good coverage of treated area.

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Document No. PAG.24. BI. 1003

Date of issue: 22.04.2024