

# Biota-H

*Trichoderma harzianum*



Biota-H is a biological fungicide based on *Trichoderma harzianum*, a beneficial soil fungus known for its powerful antifungal and plant-growth-promoting activity. It colonizes the rhizosphere and root surface, creating a natural protective barrier against soil-borne and seed-borne fungal pathogens. Through mechanisms like competition, antibiosis, mycoparasitism, and induced systemic resistance, Biota-H suppresses harmful fungi while stimulating robust root growth, nutrient uptake, and overall plant resilience.

## Product Overview

### Active Ingredients

*Trichoderma harzianum*

### Formulation Type

Wettable Powder (WP)  
/ Emulsifier Concentration (EC)

## Application Guidelines

Dosage (per acre)	Potency
1.5 - 2 Litres	$1 \times 10^8$ CFU/mL
Dosage (per acre)	Potency
1 - 2 kg	$1 \times 10^8$ CFU/g

## Target Pathogens

Trichoderma harzianum is effective against a wide range of soil-borne and seed-borne fungal pathogens, including: Fusarium spp, Rhizoctonia, Sclerotium rolfsii, Pythium spp. (causes seedling blight and damping-off) Phytophthora spp, Botrytis spp, Colletotrichum spp, Alternaria spp.

## Key Benefits

- Broad-spectrum suppression of major soil & seed-borne fungi.
- Rapid rhizosphere colonization & root protection.
- Enhances root growth & nutrient uptake.
- Promotes healthier plants & higher yield potential.
- Reduces dependency on chemical fungicides.
- Safe, residue-free, and sustainable.

## Use Sites



Nurseries



Gardening



Greenhouse



Turf



Agriculture



Horticulture



Forestry



Hydroponics



Chemigation



Soil Drench

## Shelf Life & Storage

24 months from manufacturing date. Store in a cool, dry, well-ventilated.

## Ideal Spray Interval

7 to 10 Days depending on the pest incidence.

## Re-Entry & Pre-Harvest Intervals

REI: 4 Hours | PHI: 0 days (Harvest can be carried out immediately after application).

## Safety & Handling



Safe for humans, & beneficial organisms.



Wear protective gloves & mask.



Avoid contact with eyes & skin.



Wash equipment & hands after use.