

Biofungicide / Rhizosphere Biological Enhancer

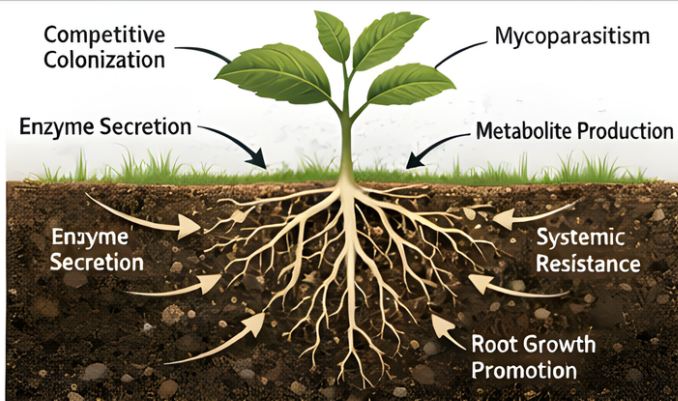
Active Ingredient : *Trichoderma Asperellum*
Formulation Type : Wettable Powder
Minimum Viable Count : 1×10^9 CFU per gram
Mode of Use : Soil application/ Drip irrigation / Nursery drench



PRODUCT DESCRIPTION

Biota™ V is a microbial biofungicide containing a high concentration of viable *Trichoderma Asperellum*. It suppresses soil-borne pathogens through competitive colonization, mycoparasitism, enzyme production, metabolite secretion, and systemic resistance, while enhancing root growth and nutrient uptake.

MECHANISM OF ACTION



TECHNICAL SPECIFICATIONS

Parameter	Specification
Active Microorganism	<i>Trichoderma Asperellum</i>
Minimum CFU	1×10^9 CFU/g
Moisture Content	$\leq 8 - 10\%$
Contamination	Absent
pH (1% Suspension)	6.0 - 7.5
Shelf Life	12 months

APPLICATION & DOSAGE

Application Method	Dosage	Instructions
Soil Application	1 - 2 kg per acre	Mix with 50-100 kg FYM/compost and broadcast
Seed Treatment	10 g per kg seed	Apply to the seed
Nursery Drench	5 - 10 g per litre	Apply as root zone drench

Best Time: At planting or early vegetative stage.

KEY BENEFITS



TARGET PATHOGENS: *Fusarium spp.*, *Rhizoctonia spp.*, *Pythium spp.*, *Sclerotium spp.*, *Sclerotinia spp.*, *Phytophthora spp.*, *Alternaria spp.*, *Colletotrichum spp.*, *Botrytis spp.*, *Helminthosporium spp.*, *Cercospora spp.*, *Verticillium spp.*, and *Macrophomina spp.*

STORAGE & HANDLING

 Store below 30°C	 Keep container tightly closed
 Protect from Sunlight	 Do not mix with chlorinated water

SAFETY INFORMATION

	For agricultural use only
	Wear gloves & mask
	Wash hands after use
	Keep out of reach of children