

Biocontrol Agent / Entomopathogen

Active Ingredient : *Verticillium lecanii*
Formulation Type : Wettable Powder (WP)
Minimum Viable Count : 1×10^{10} CFU per gram
Mode of Use : Foliar Spray/Soil Application

PRODUCT DESCRIPTION

Seira™ is a microbial biocontrol agent containing viable *Verticillium lecanii* conidia. It effectively controls sucking pests and mites through contact infection, enzymatic cuticle penetration, internal colonization, and fungal-induced mortality while remaining safe to beneficial insects.



MECHANISM OF ACTION



APPLICATION & DOSAGE

Application Method	2 - 3 g per litre of water 0.5 - 1 kg per acre
First Application	At early pest appearance
Repeat Spray	Every 10 - 15 days
Spray Coverage	Ensure uniform coverage

TARGET PESTS: Soft-bodied insect pests including aphids, whiteflies, thrips, mealybugs, scale insects, jassids, leafhoppers, planthoppers, and mites

TECHNICAL SPECIFICATIONS

Parameter	Specification
Active Microorganism	<i>Verticillium lecanii</i>
Minimum CFU	$\geq 1 \times 10^{10}$ CFU/g
Moisture Content	$\leq 8\%$
Contamination	Absent
pH (1% Suspension)	5.5 - 7.5
Shelf Life	12 Months

SAFETY INFORMATION



Wear gloves and mask during application



Wash hands after use



Avoid inhaling dust during handling



Keep out of reach of children

KEY BENEFITS



Insect Mortality



Whitefly & Aphid Control



Pest Population Reduction



Eco-Friendly Control



IPM Compatible



Reduced Chemical Use



Crop Protection



Sustainable Farming

STORAGE & HANDLING



Store in a cool, dry place



Keep container sealed after use



Protect from direct Sunlight and Moisture



Avoid contact with Chemicals



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