

VAN VERTI

Van Verti is a biopesticide formulation designed based on fermentation technology. This product contains spores and mycelia fragments of the most virulent strain of *Lecanicillium lecanii* (old name *Verticillium lecanii*) which is effective against several species of sucking insects, especially aphids, thrips, soft-bodied scale insects, white flies, mealy bugs and mites.

Technical composition:

Lecanicillium lecanii spores and mycelia- 1×10^8 CFU per g or ml and carrier.

Van Verti's role in plants:

- *Lecanicillium lecanii* is an entomopathogenic fungus that protects crop plants from major sucking pests like white fly and aphid attack.
- Enzyme Secretion: The *Lecanicillium lecanii* is an efficient producer of protein and polysaccharide degrading enzymes that helps in the degradation of the cell wall of insect pests.
- Secondary metabolites: Produces a variety of toxins such as Cyclodepsipeptide toxin which helps to parasitize and kill the insect.

Dosage:

Water soluble product (WS): 200gm/acre

Water dispersible product (WP): 1-1.5kg/acre

Liquid formulation (LP): 2L/acre

Recommended Crops:

All crops include pulses, cereals, cotton, fruits, vegetables, flowers, ornamental and plantation crops.