

## VAN NEMA

### Product Overview

VAN NEMA is a bio-fungicide-bionematicide-bio-bactericide based on *Pseudomonas fluorescens*. It acts on hyphae of plant pathogens by enzymatic, antagonistic, and antibiotic actions. It controls and prevents nematodes that invade roots and give access to pathogenic fungi to enter into roots. It exerts PGPR activity also by producing fluorescent pseudomonads that chelate with soil nutrients, thus making the nutrients available to the plants.

### Product Target

- 1) Seed and soil-borne fungal Pathogens like *Fusarium*, *Pythium*, *Phytophthora*, *Rhizoctonia*, *Sclerotium*, *Macrophomina* etc.
- 2) Foliar pathogens like Bacterial blights, *Alternaria*, *Pyricularia*, *Curvularia*, *Colletotrichum*, *Botryodiplodia* etc.
- 3) All plant parasitic nematodes.

### Product Speciality

Multiple functions biocontrol agent and plant nutrition have bio fungicide, bio nematicides and bio bactericidal value.

### Product Advantages

Fungal biocontrol agent with broad spectrum efficacy.

Bacterial biocontrol agent.

Controls nematodes.

It has very good PGPR activities.

## **Method of Application and Dosage**

### *Seed Treatment:*

@ 3-5 gm per kg seeds

### *Soil Application:*

Drench the soil with VAN NEMA @ 500-1000 gm and 200-400 lit water per acre

### *Spray Application:*

@ 2-3 gm/lit water

## **Compatibility:**

VAN NEMA contains living organisms and is sensitive to chemical bactericides and botanical pesticides. It is synergistic and gives complementary results if applied with organic fertilizers, manures, composts, and biofertilizers including mycorrhiza.

**Target Crops:** Cereals, Potato, Pulses, Sugarcane, Oil Seeds, Turf, Tea, Fruits and Vegetables, Spices, Ornamental and Plantation Crops, Cotton.