

## VAN META

Van Meta is a biopesticide formulation designed based on fermentation technology. This product contains spores and mycelia fragments of the most virulent strain of *Metarhizium Roberts* (old name *Metarhizium anisole*), an entomopathogenic fungus that is against various borers, leaf hoppers, root grubs, termites and cut worms.

Technical composition:

*Metarhizium robertsii* spores mycelia-  $2 \times 10^6$  CFU per g or ml and carrier.

### **Metarhizium's role in plants:**

- **Bio control agent:** The *Metarhizium Roberts* is an entomopathogenic fungus that protects crop plants from various species of borers, cutworms, root grubs, leaf hoppers, white flies, aphids, mealybug, thrips, beetles, larvae of Colorado, beetle and also several species of leaf-gnawing pests.
- **Enzyme secretion:** secretes extracellular enzymes such as subtilisin-like serine protease that helps in the degradation of the cell wall of the insects.
- **Secondary metabolites:** Produces a variety of toxins such as destruction, cytochalasin, etc. which helps to parasitize and kill the insect.

### **Dosage:**

Water soluble product (WS): 200g/acre

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

Liquid formulation (LF): 2L/acre

### **Recommended Crops:**

Pulses, Cereals, Cotton, Fruits, Vegetables, Flowers, Ornamental and Plantation crops.