

(Metarhizium anisopliae)

A Biological Weapon for **Termite & Other Soil Living Insects** 

Bio Terminator will protect the plants from all kinds of soil living insects

## **Method of application of Bio Terminator in soil:**

- A. Keep the soil moist prior to application.
- B. Do little forking around the bush.
- C. Add 5 gms of Bio Terminator Powder / Liter of water. Use 1000 Ltr. such solution for 1 Hectare.
- D. Drench the bush near the collar zone.
- E. In case soil injector is available use the same in the middle of every 4 bushes.
- F. In case of organic manure is available add 3 kg in
- 300 Kgs. of O.M. Keep it wet (8-10%) for 72 hrs. in shade. 2 kg molasses can be added. Apply the mixture around the collar region in 1 Acre area.
- G. Keep the area moist by occasional irrigation or apply prior to early part of monsoon rain.
- H. Areas of application (i) UP section (ii) LP section (iii) Young Tea – Artificial shade or proper mulching should be done to protect the microbes from direct sun.

**Mode of action**: Metarhizium can penetrate the body of the insect & kills it by secreting a toxin called "DESTRUXIN".





Bio-Terminator in contact with termite



Spore Germination



Reaching to the gueen thus total elimination of termite



One single application will keep the area free from termite for one complete year.

**Advantages:** ✓ It controls the pest satisfactorily by single application. ✓ It reaches the queen where no other chemical can reach. ✓ It does not leave any harmful residue in the field. ✓ It is target – specific, eco friendly and does not harm the natural predators or parasites.

- (A) For live wood-eating termites (Foliar application): Apply 5 gms / Ltr.
- (B) For dead wood-eating termites (Soil application): Apply 5 kg. / ha (use 1000 Ltr of H<sub>2</sub>O / ha)
- (C) For Nursery: Apply Bio Terminator @ 1 Kg / 500 Kgs of compost mixture.
- (D) For Plantation Pit: Apply Bio Terminator @ 2 gm / pit.



NIVSHAKTI BIDENERGY PVT LTD In Harmony with Nature An ISO 9001:2008 Company

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