

METAZAN



Trade Name : METAZAN

Properties : A biological insecticide containing spore of *Metarhizium anisopliae* at the concentration of 1×10^9 cfu/gm in a wettable powder form. It is a natural strain, neither mutant nor genetically modified.

Mode of Action : After spraying, the spores germinate and produce hyphae, that penetrate the body cavity where they proliferate destroying the tissue. The fungus then grows through the insect cuticle and kills the insect after 5-12 days.

Uses : It has broad spectrum in controlling sucking insects pest, such as planthoppers, leafhoppers, coleopterous larvae, and weevil. Crops to be used including : paddy, vegetables, fruittrees, flowers, ornamentals, field crops and forestry.

Rate of Usage : Dilute 0.5-1.0% with water and apply with high volume spray to provide thorough coverage of infested plant parts. Repeat the application within 5-10 days interval, if the heavy pest population exist, use the higher concentration and shorten the spray interval.

Toxicology : Acute oral : LD_{50} (rat) > 32,000 mg/kg. Acute dermal : LD_{50} >2,000 mg/kg. Non toxic to fish : LC_{50} >50,000 ppm. Non toxic to bee and birds. No residual in the environment. Tolerance exempt on all raw agricultural commodities when applied to growing crops preharvest or postharvest.

Storage : It is recommended that METAZAN should be stored in a cool and dry place, its shelf life if stored under 25°C is 1 year.

