

LAICINUS



Trade Name : LAICINUS

Properties : A biological nematicide containing spore of *Paecilomyces lilacinus* 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 egg and larvae of nematodes where they proliferate destroying the tissue. The fungus then grows through the nematodes and kills the nematodes after 3-10 days.

Uses : It has broad spectrum in controlling nematodes species, such as *Meloidogyne* spp., *Trichodorus* spp., etc. and also can control egg stage of several pests for instance golden snail, cotton bollworm, cutworm, diamondback moth, etc. crops to be used including : paddy, potatoes, fruittrees, citrus, bananas, pineapple, and vegetables.

Rate of Usage : Dilute 0.5-1.0% with water and apply with high volume spray to provide thorough coverage of the preplanting areas. Repeat the application within 10-15 days interval at least 1 or 2 times.

Toxicology : Acute oral : LD_{50} (rat) > 12,000 mg/kg. Acute dermal : LD_{50} (rat) > 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 LAICINUS should be stored in a cool and dry place, its shelf life if stored under 25°C is 1 year.

