



iM-bioGuard

Total Bacteria Count(CFU/g): $>10^9$

Your Yield Matters!

Take control of your plant. Do it with the iM-bioGuard



iM-bioGuard

iM-bioGuard utilize beneficial microbes to prevent *Ganoderma boninense*. It is packed with a combination of organic matter and endophytic bacteria - *Pseudomonas aeruginosa* (GanoEB1). iM-bioGuard is beneficial for general soil health whilst providing protection for the plant from pathogenic fungal and bacteria.

Features of iM-bioGuard

iM-bioGuard contain natural, safe and standardized biologically active ingredient that are used in the control of pathogen. It contains a complementary combination of ingredients to support the plant health and maintain a healthy beneficial bacteria population in the soil.



21st Century
The Trustigous Brand



Benefits of iM-bioGuard

Each 25 ml of iM-bioGuard provide at least 10^6 cfu/g of beneficial endophytic bacteria *Pseudomonas aeruginosa* (GanoEB1) and more than 70% of organic matter to ensure optimal protection against pathogenic fungal and bacteria. Soil organic matter is a primary source of carbon which gives energy and nutrients to soil organisms. This supports soil functionality because it improves the activity of microorganisms in the soil and it can enhance biodiversity.



Distinctive product characteristic

iM-bioGuard is a product result from collaborative research effort between MPOB and IBG. Incorporating the fermentation technology from IBG and the beneficial microbes strain provided by MPOB, iM-bioGuard is product that can improve the plant general health

Pseudomonas aeruginosa (GanoEB1)

- Suppressing *Ganoderma boninense* infection in oil palm seedling
- Support growth and improve health of plants
- Function as biological control protection agent in suppressing plant diseases
- Improve crop performance

Organic matter

- As a source of nutrient pool for plant
- As a source food for beneficial microorganism
- Recover soil nutrient
- Improve the activity of microorganism

Application rate

Mix the formulation A & B in a bucket. In the main nursery, pre-treated the seedlings with 25 ml formulation AB dilute in 100 ml non-chlorinated water per seedling, three times (3 months interval) before field planting. After field planting, 100 ml dilute in 1 liter water per palm, spray on the trunk base, once a year.



Mixed directly with non-chlorinated water and apply using knapsack sprayer



Freshly sealed to ensure viability



Store in a cool and dry place



Long Shelf Life

Contact us :

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