

World's First Anti-Fungal Bio Stimulant

SHAKTI ENSURE

Shakti Ensure is a unique and spectacular Bio Stimulant which is a combination of PQQ and B9. It is an extremely powerful natural and nutritional antioxidant, which stimulates plant growth including cellular growth, development, differentiation and survival. It inhibits the

fungal growth and induce systemic resistance of Enterobacter intermedium. It improves naturally the immunity of the plant against harmful microorganism. It is Eco-friendly and does not leave any taint or residue in the end.

Active Ingredients :

- Pyrroquinoline quinone (PQQ) which is a vitamin-like nutrient related to B-vitamin family.
- Vitamin B9 also called Folate, is a water soluble Vitamin B.

Mechanism of Action :

- Shakti Ensure is a combination of Pyrroquinoline quinone (PQQ) and Vitamin B9.
- It demonstrates antimicrobial activity and plant disease suppression.
- It induces systemic resistance in plants against infections of fungal pathogens.
- PQQ acts as a special class of enzymes involved in cellular function. It catalyzes continuous cycling of oxidation and reduction to a much greater degree compared to other antioxidants. PQQ is a cofactor for several enzymes including glucose dehydrogenase.
- Vitamin B9 is very stable by nature, and thus coordinates PQQ for stability purpose, resulting as a very beneficial Bio Stimulant.

Target Crops :

Plantation,
Agricultural,
Horticultural, Medicinal,
Cereals,
Fiber, Cash
and other all crops.

Target Diseases :



Cercospora Leaf Blight



Early Blight



Late Blight



Pod and Stem Blight



Downey Mildew



Powdery Mildew



Sclerotinia Stem Rot



Brown Stem Rot



Rice Blast



Botrytis (Gray Mold)



Red Rust



Alternaria Spot

Advantages :

- It acts as an effective preventive Bio-Controller
- It inhibits fungal growth and stimulates overall growth of plants including cellular growth, development, differentiation and survival
- It improves the immunity of the plant against harmful microorganisms and helps to fight infection
- It acts as a diseases suppressor and thus acts as a plant growth enhancer
- It is beneficial in Phosphate solubilization and plays an important role in Nitrogen assimilation
- It helps in chlorophyll synthesis resulting in flower and fruit setting
- It helps plants to overcome stress by maintaining water equilibrium.

Dosage : 0.4 ml/l or 160 ml/ha
For Severe Blight 0.6 ml/l or 240 ml/ha

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NIVSHAKTI
BIOENERGY PVT LTD
In Harmony with Nature
An ISO 9001:2008 Company
Formerly known as
SHAKTI BIOTECH

Junaid Manzil, 2nd Floor,
7B, Ahiripukur Road, Kolkata - 700 019
Ph : +91 33 2287 2244 / 2400
E : support@shaktibiotech.in
W : www.shaktibiotech.in

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