



Phosphorous Solubilizing Bacteria

NTHRYS Phosphorous Solubilizing Bacteria

Unlock unparalleled growth and productivity in your crops with NTHRYS s Phosphorous Solubilizing Bacteria Product. This innovative solution enhances the availability of phosphorus in the soil, a key nutrient that supports the energy transfer within plants, promoting root development and improving flowering and fruiting. By naturally converting insoluble phosphorus into a form that plants can absorb, our product ensures your crops have the nutrients they need to thrive.

Key Advantages

- **Enhanced Phosphorus Availability:** Solubilizes bound phosphorus in the soil, making it readily available to plants.
- **Boosted Crop Yield and Health:** Ensures optimal plant growth, leading to increased yields and healthier crops.
- **Reduced Need for Chemical Fertilizers:** Lowers dependency on phosphorus-based chemical fertilizers, promoting a more sustainable approach to agriculture.
- **Improved Soil Fertility:** Contributes to the long-term enhancement of soil health and nutrient cycling.
- **Eco-Friendly:** Supports environmentally friendly farming practices by minimizing chemical runoff and pollution.
- **Cost-Efficient:** Helps reduce farming costs by optimizing nutrient use and improving crop resilience.
- **Adaptable:** Suitable for a wide range of agricultural crops, including cereals, legumes, fruits, and vegetables.

Application and Dosage

To achieve the best results, adhere to the following application and dosage recommendations, adjusting as needed for different crops and soil conditions:

General Application Guidelines

Apply 2-4 liters of product per hectare (0.8-1.6 liters per acre), thoroughly mixed with water for soil application. For seed treatments, use 10 ml per kilogram of seeds.

Cereals (Rice, Wheat, Maize, etc.,)

- **Soil Application:** Apply 3 liters per hectare (1.2 liters per acre) before planting or at the early growth stages.

Vegetables (Tomatoes, Peppers, Leafy Greens, etc.,)

- **Soil Application:** Apply 2 liters per hectare (0.8 liters per acre) at the time of planting or during early development stages.
- **Foliar Spray:** Use 1 liter per hectare (0.4 liters per acre), diluted in enough water for coverage, during the flowering phase.

Fruit Crops (Citrus, Berries, Apples, etc.,)

- **Soil Application:** Apply 4 liters per hectare (1.6 liters per acre) during the pre-flowering stage or at fruit set.

Adjusting for Soil Types

Application rates should be adjusted based on soil analysis and plant needs. In soils with low available phosphorus or high pH, increasing the dosage may be necessary to ensure adequate nutrient availability.

For specific advice tailored to your crop needs or to address unique environmental conditions, consult our NTHRYS Agriculture Expert via WhatsApp on +91-8977624748. Transform your agricultural practices with the power of NTHRYS Phosphorous Solubilizing Bacteria for stronger, healthier, and more productive crops.

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