



Zinc Solubilizing Bacteria

NTHRYS Zinc Solubilizing Bacteria

Boost the growth and health of your crops with NTHRYS s Zinc Solubilizing Bacteria Product. This specialized formulation employs bacteria to naturally solubilize zinc in the soil, making it readily available to plants. Zinc is a critical micronutrient that plays a vital role in plant growth, enzyme activation, and protein synthesis. Adequate zinc availability can lead to improved crop vigor, enhanced resistance to diseases, and increased yields. By optimizing zinc uptake, our product ensures that your crops achieve their full potential.

Key Advantages

- **Enhanced Zinc Availability:** Increases the bioavailability of zinc in the soil for plant uptake.
- **Improved Crop Growth and Yield:** Promotes healthier plant development and significantly boosts crop production.
- **Better Disease Resistance:** Strengthens plant resilience against various diseases and pests.
- **Reduced Chemical Dependency:** Lowers the need for chemical zinc fertilizers, fostering a more sustainable and eco-friendly agricultural practice.
- **Soil Health Promotion:** Enhances the microbial ecosystem in the soil, contributing to its overall fertility and structure.
- **Environmentally Friendly:** Supports green farming initiatives by minimizing chemical inputs and pollution.
- **Cost Savings:** Offers a cost-effective solution to improving plant nutrition and soil management.
- **Wide Crop Compatibility:** Effective for a diverse array of crops, including cereals, legumes, fruits, and vegetables.

Application and Dosage

For optimal outcomes, adhere to the following application and dosage recommendations, adjusting for crop type 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 treatment, use approximately 10 ml per kilogram of seeds.

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

- **Soil Application:** Apply 3 liters per hectare (1.2 liters per acre) at the pre-planting stage or early in the growing season to support foundational growth.

Vegetables (Spinach, Carrots, Tomatoes, etc.,)

- **Soil Application:** Apply 2 liters per hectare (0.8 liters per acre) at planting or during the early vegetative stage to enhance nutrient uptake and vigor.

Fruits (Apples, Citrus, Berries, etc.,)

- **Soil Application:** Apply 4 liters per hectare (1.6 liters per acre) during the pre-flowering stage or at the onset of fruit setting to improve fruit quality and yield.

Adjusting for Soil Types

Application rates may need to be adjusted based on soil zinc levels and specific plant requirements. Soils with low zinc content might require increased application rates to ensure adequate plant nutrition.

For personalized advice or to address specific environmental conditions, consult our NTHRYS Agriculture Expert via WhatsApp on +91-8977624748. Enhance your agricultural practices with NTHRYS Zinc Solubilizing Bacteria for healthier plants and more bountiful harvests.

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