



Nitrogen Fixing Bacteria

NTHRYS Nitrogen Fixing Bacteria

Transform your agricultural practices with NTHRYS s Nitrogen Fixing Bacteria Product, a revolutionary solution designed to naturally enhance nitrogen availability in soil. By harnessing the power of these beneficial bacteria, our product promotes healthier plant growth, improves yield, and reduces the need for chemical nitrogen fertilizers.

Key Advantages

- **Enhanced Nitrogen Availability:** Our bacteria convert atmospheric nitrogen into a form that plants can readily use.
- **Reduced Fertilizer Dependency:** With natural nitrogen fixation, reliance on synthetic nitrogen fertilizers is significantly decreased, promoting a more sustainable agricultural approach.
- **Improved Soil Health:** By enriching the soil with organic nitrogen, these bacteria contribute to the long-term improvement of soil structure and fertility.
- **Increased Crop Yield:** Enhanced nutrient availability directly contributes to better plant growth and higher yields.
- **Eco-friendly:** This solution supports environmentally friendly farming practices by reducing chemical runoff and pollution.
- **Cost-Effective:** Lowering the need for chemical fertilizers reduces farming costs, making agriculture more economical.
- **Supports Plant Health:** Plants grown with natural nitrogen sources show improved resilience to diseases and pests.
- **Broad Compatibility:** Effective for a wide range of crops, including cereals, legumes, vegetables, and more.

Application and Dosage

To achieve the best results, follow these application and dosage recommendations, adjusting as needed for specific 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.

Legumes (Beans, Peas, Lentils, etc.,)

- **Soil Application:** Apply 3 liters per hectare (1.2 liters per acre), diluted in water, at or before planting.
- **Seed Treatment:** Use 10 ml per kg of seeds to promote strong early development.

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

- **Soil Application:** Apply 2 liters per hectare (0.8 liters per acre) during the early growth stages or at planting.

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

- **Soil Application:** Apply 2 liters per hectare (0.8 liters per acre) at pre-planting or during early growth periods.
- **Foliar Application:** Use 1 liter per hectare (0.4 liters per acre), diluted in sufficient water for coverage, during the vegetative growth stage.

Adjusting for Soil Types

Adjust application rates based on soil testing and nutrient requirements. For soils with low organic matter or high sand content, consider increasing the application rate to enhance nitrogen fixation.

For crop-specific advice or to tailor applications based on unique environmental conditions, consult our NTHRYS Agriculture Expert via WhatsApp on +91-8977624748. Embrace the benefits of sustainable agriculture with NTHRYS Nitrogen Fixing Bacteria Product.

Issued by:

NTHRYS OPC PVT LTD

Ph: +91 - 7093184748

Web: www.nthrYS.com

Email: smo@nthrYS.com

Last Updated: 16 May 2024 8:28 pm