



Plant Growth Promoting Microbial Consortium

NTHRYS Plant Growth Promoting Microbial Consortium

Revolutionize your farming practices with NTHRYS s Plant Growth Promoting Microbial Consortium Product. This advanced formulation combines various beneficial microbes that work synergistically to enhance plant growth, nutrient uptake, and stress resilience. By naturally improving soil health and fertility, our product supports sustainable agricultural practices, leading to healthier crops and increased yields.

Key Advantages

- **Enhanced Growth and Yield:** Promotes vigorous plant growth and significantly increases crop yield.
- **Improved Nutrient Uptake:** Facilitates the efficient absorption of essential nutrients from the soil, including nitrogen, phosphorus, and potassium.
- **Increased Stress Tolerance:** Equips plants with enhanced resilience against environmental stressors such as drought, salinity, and extreme temperatures.
- **Soil Health Restoration:** Contributes to the restoration and maintenance of soil biodiversity and fertility.
- **Reduced Chemical Dependency:** Decreases the need for chemical fertilizers and pesticides, promoting a healthier ecosystem.
- **Eco-friendly:** Supports environmentally sustainable farming practices, reducing agricultural pollution.
- **Cost-Effective:** Offers an economical solution to improving crop productivity and soil health.
- **Wide Compatibility:** Suitable for a diverse range of agricultural crops, including cereals, vegetables, fruits, and ornamentals.

Application and Dosage

Maximize the benefits of the Plant Growth Promoting Microbial Consortium by following these recommended application and dosage instructions, tailored for various 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 treatment, use about 10 ml per kilogram of seeds.

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

- **Soil Application:** Apply 3 liters per hectare (1.2 liters per acre) before or during the sowing stage.

Vegetables (Lettuce, Tomatoes, Cucumbers, etc.,)

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

Fruit Crops (Grapes, Citrus, Apples, 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.

Adjusting for Soil Types

Consider adjusting application rates based on soil testing and the specific needs of the crop. Soils with low organic matter or high salinity may benefit from slightly higher application rates to maximize the effectiveness of the microbial consortium.

For tailored advice on crop-specific applications or to discuss unique environmental conditions, consult our NTHRYS Agriculture Expert via WhatsApp on +91-8977624748. Embrace the future of agriculture with NTHRYS Plant Growth Promoting Microbial Consortium, paving the way for healthier plants and higher yields.

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