

GROWPLANK POWDER

Phytoplankton growth promoter

Phytoplankton growth promoters are substances or formulations designed to enhance the growth and productivity of phytoplankton, which are microscopic plants found in aquatic environments. Phytoplankton are crucial for marine and freshwater ecosystems as they form the base of the aquatic food chain, contribute to oxygen production, and play a significant role in carbon cycling.

Phytoplankton growth promoters are essential tools in managing and enhancing aquatic ecosystems, especially in areas where natural nutrient levels are insufficient to support healthy phytoplankton populations.



Benefits

1. Increasing Dissolved Oxygen:

What It Does: Phytoplankton release oxygen into the water through photosynthesis.

Why It's Good: More oxygen helps fish and other aquatic life stay healthy.

2. Decreasing Toxic Gases:

What It Does: Phytoplankton absorb harmful gases like ammonia and carbon dioxide.

Why It's Good: Lower levels of these gases improve water quality and reduce stress on aquatic life.

3. Stabilizing Water Quality:

What It Does: Phytoplankton absorb nutrients and toxins, keeping water quality stable.

Why It's Good: Consistent water quality helps prevent diseases and supports healthy growth.

4. Natural Feed Source:

What It Does: Phytoplankton are a food source for small aquatic organisms like zooplankton and filter-feeding fish.

Why It's Good: Provides natural feed, reducing the need for artificial feeding.

5. Providing Shade and Reducing Cannibalism:

What It Does: Dense phytoplankton populations create shade and a complex environment.

Why It's Good: Reduces stress and helps prevent cannibalism, especially in young fish.

6. Increasing and Stabilizing Water Temperature:

What It Does: Phytoplankton absorb sunlight and reduce heat loss.

Why It's Good: Helps keep the water temperature stable, which is better for temperature-sensitive species.

7. Minimizing Pathogens:

What It Does: Phytoplankton compete with harmful microbes for nutrients.

Why It's Good: Reduces the growth of disease-causing microbes and supports a healthier environment.

Composition

Particulars	Specifications
Blend of Probiotics	5 Billion CFU / Gram
Vitamin mix	5%
Blend of minerals	50%
Other plankton Stimulators	Q.S

Dosage

1 kg to 2 kgs per acre

Manufactured & Marketed by :



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