

#pH

Neutral

Opti H

Balance the Water Protect the Life.



What is pH ?

It is normal for water to have a range of pH between 6.5 and 8.5 on the scale. pH in water may fluctuate with differing environmental factors.

The Impact of Water pH on Aquatic Life

1. Toxicity of Low pH (Acidic Conditions)

Extreme Sensitivity of Young Life:

Young fish and the immature stages of aquatic insects are exceptionally sensitive to acidic water.

Lethal Threshold:

A pH level below 5 is dangerous and can be lethal to these sensitive life stages.

2. Harm from High pH (Alkaline/Basic Conditions)

Cellular Damage:

High pH levels, specifically those in the range of 9 to 14, directly harm fish by denaturing cellular membranes.

Denaturation: is the process where the cell's essential structures, particularly proteins, lose their natural shape and function, leading to tissue damage and death.

3. Indirect Effects via Water Chemistry

Altered Water Quality:

Changes in pH can indirectly affect aquatic life by altering other aspects of water chemistry.

Benefits:

- Relieves From the stress to the animals caused due to pH fluctuation.
- Maintains optimum **pH** in the pond consistently
- Maintains good algal bloom.
- Maintains alkalinity.
- Controls toxic algae.

Composition:

Mixture of organic acidic buffers with natural pH balancing & probiotics.

Dosage

1 Kg per acre or as advised by aqua consultant / expert.

Manufactured & Marketed by :



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