



# BBA

BIOSOLUTION

Nurturing Nature's Solutions



## ***PUREPOND***



### **BENEFICIAL BACTERIA**

Maintain water quality,  
reduce harmful toxins,  
prevent algae blooms, and  
improve fish health.



Eco-Friendly



A Healthy Environment



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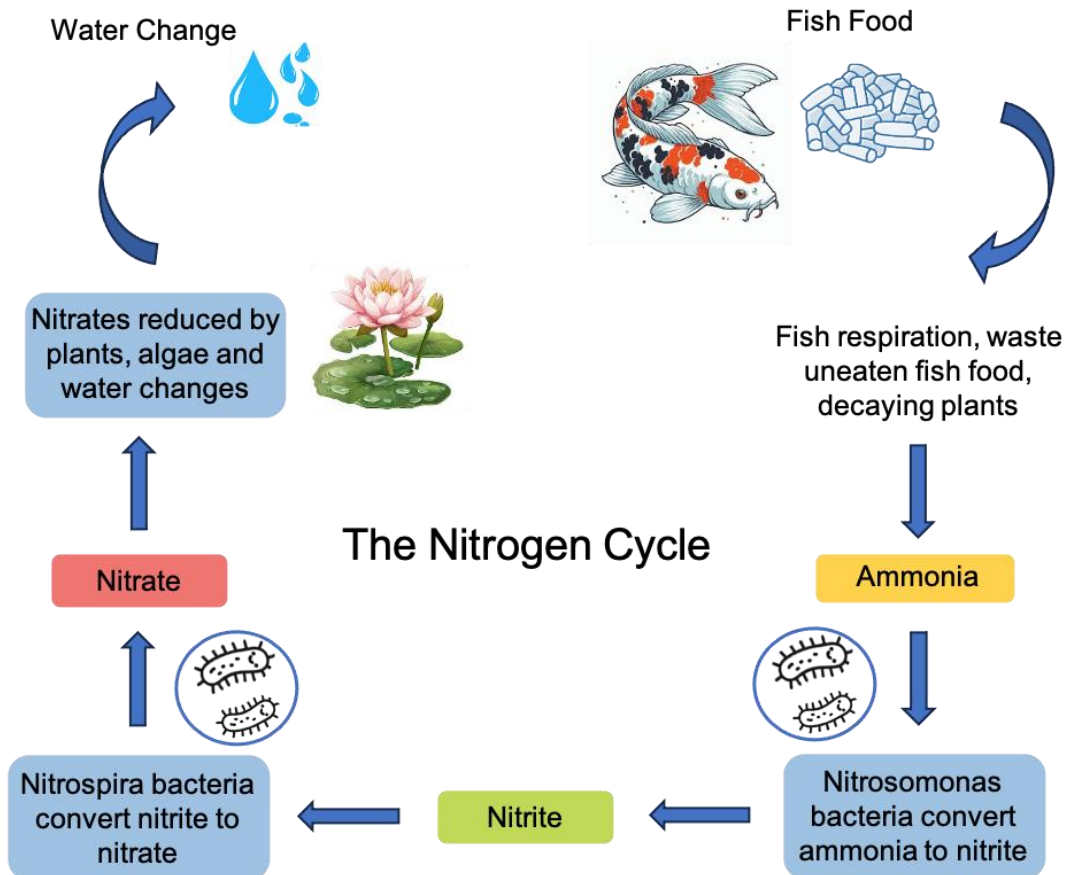
PurePond Beneficial Bacteria Liquid is an **ultra-concentrated** formula designed to rapidly break down organic sludge and improve water quality in ponds. With **at least 20 times the bacterial concentration** of most products on the market, it activates upon application, entering a vegetative state to efficiently digest organic waste through targeted enzymatic action. This process helps maintain a balanced ecosystem by reducing sludge build-up, minimising odors, and preventing excess nutrient accumulation.

## ADVANTAGES

- **Removes toxins:** Eliminates ammonia, nitrites, nitrates, phosphates, and sludge.
- **Prevents algae & weeds:** Reduces excess nutrients through microbial competition.
- **Breaks down sludge:** Eliminates pest breeding grounds and improves water quality.
- **Controls odours:** Outcompetes harmful bacteria for a fresher, balanced environment.

## MODE OF ACTION

Upon introduction to water, PurePond Beneficial Bacteria activate within seconds, initiating a natural biological process that converts **ammonia ( $\text{NH}_3/\text{NH}_4^+$ ) into nitrite ( $\text{NO}_2^-$ ) and then into nitrate ( $\text{NO}_3^-$ )**. This essential nitrification cycle helps maintain optimal water quality in fish ponds, preventing toxic ammonia and nitrite build-up and ensuring a healthier aquatic environment.



## PurePond Beneficial Bacteria – Application Details

- Do not underdose; overdosing is safe and ensures optimal results.
- To calculate total litres to be treated: Length x Width x Depth x 1000 = Total Litres

Situation	Treatment Rate	Comments
Ponds, Lakes to improve water clarity, organic debris, maintain a healthy, balanced ecosystem.	<ul style="list-style-type: none"><li>• Initial Applications: 10mL per 1,000 L of water.</li><li>• Regular maintenance: Add 5mL per 1,000L of water weekly.</li></ul>	Double or triple the dosage at the first application to ensure beneficial bacteria dominate and optimise water quality. To ensure optimal bacterial colonization, it's recommended to turn off UV clarifiers for 24 - 48 hours after dosing.

The above dose rate is a guideline that may need to be increased or decreased according to individual conditions, such as water pollution level, water body size and depth, algae density, water temperature, volume of suspended material etc. More accurate dose rates can be established by onsite testing.

### CHARACTERISTICS

Living Microorganisms

Highly - Concentrated Aerobic Beneficial Bacteria

Package Sizes

100mL, 250mL, 500mL, 1L, 5L

Storage Information

Store in the closed, original container out of direct sunlight. Best stored between 5 - 45 °C for up to 18 months. DO NOT FREEZE.

**Always read and follow label instructions**



Proven results in eliminating ammonia, nitrite, phosphorus, organic matter, & odours.



Rapid treatment improvement with significant water clarity within 3-7 days.



Effectively reduces sludge by decomposing waste through biofloc formation.



Safe for all aquatic life, even at higher doses, to support a healthy aquatic ecosystem.

### MAXIMISING PERFORMANCE

- Evenly apply when water temperature is above 10°C.
- Keep in original bottle with the cap tightly sealed.
- Avoid use within 7 days of copper-based algacides.



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