



## AQUATRON – Lake & Pond Clarifier

Supplied by Point Four Systems Inc.

AquaTron™ is a blend of aerobic and facultative anaerobic micro-organisms, enzymes and micro-nutrients. These components naturally metabolize the excess nitrogen and phosphorous and other organic pollutants improving water quality “Nature’s Way”.

### The Benefits of AquaTron™ include -

- Reduction of excess water column nutrients that improve water clarity
- Reduces Hydrogen Sulphide and methane gas odours
- Enhances water quality and clarity
- Easy application
- No mixing or measuring - Comes in pre-measured, water soluble bags (WSPs)
- No EPA requirements - No license or permits required
- No Harmful Chemicals
- All natural Biological Product
- Completely safe to handle
- Safe for plants & animals

AquaTron™ removes excess amounts of water column phosphorous and nitrogen concentrations.

AquaTron™ contains microbes which naturally metabolize phosphorous, ammonia, nitrates, cellulose, lignin, hydrocarbons and organic matter.

AquaTron™ also contains a proprietary blend of bio-stimulants that promote microbial nutrient uptake and accelerate bacterial growth and cell reproduction.

AquaTron™ can be used in conjunction with Waste & Sludge Reducer to accelerate sludge reduction in degraded pond environments.

### Product Description

AquaTron™ is a blend of aerobic and facultative anaerobic micro-organisms, enzymes and micro-nutrients. These components naturally metabolize the excess nitrogen and phosphorous clearing water nature’s way.

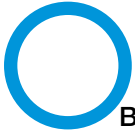
### Product Specifications

Form: Free flowing, granular powder  
Colour: Buff to Brown  
Contents: Non-hazardous, mixed non-pathogenic naturally occurring microbes, enzymes and micro-nutrients on a bran base.  
Storage: Store in dry area at room temperature not to exceed 100° F.  
Specific Gravity: 0.5-0.7



**Point Four**  
Systems Inc.

Tel + 604 273 9939 Toll Free 800 267 9936 (Canada/USA) Fax + 604 273 9937  
#100 - 13720 Mayfield Place Richmond British Columbia CANADA V6V 2E4  
www.pointfour.com sales@pointfour.com



## BACKGROUND INFORMATION

Dried Microbial Formula (*1/2 lb Water Soluble Packets*)

AquaTron™ microbes use a natural bacterial blend to remove phosphorous and nitrogen compounds from your pond or lake. Phosphorous and nitrogen compounds are the leading cause of pond and lake degradation. These compounds are the main food source for all types of algae and some aquatic plants. By using natural bacteria to consume excess phosphorous and nitrogen compounds, algae and some aquatic plants are deprived of this food source effectively starving them out or preventing algae blooms and excess plant growth from occurring.

Sources of these excess nutrients can come from fertilizer run-off, agricultural run-off, waterfowl, or, in most cases, from the organic sludge build-up sitting on the pond bottom. Excessive phosphorous and nitrogen compounds from any of these sources degrade the pond environment leading to algae and weed blooms and visually displeasing ponds. The bacteria in AquaTron™ uses phosphorous and nitrogen in much the same way as simple plants do, but most do not need sunlight to function. They derive their energy from the breakdown of carbon compounds in the pond environment but also need other micro-nutrients to thrive. The water-soluble packets of AquaTron™ contain these trace elements for optimal growth and multiplication.

All the bacteria found in AquaTron™ are derived from the pond environment themselves. The reason the bacteria already present in your pond are not already consuming the excess nutrients is because they are in such small numbers. By adding AquaTron™ to your pond you will be bumping these numbers of bacteria into the billions thereby taking the pond over and consuming the excess nutrients.

Usually the chemical treatments have been the answer for algae control in ponds and lakes, but this starts to turn into a viscous circle. Algae blooms return faster and in greater numbers as you continue to use chemicals causing you to use more chemicals next time leading to ever increasing costs, let alone the environment damage. AquaTron™ removes the source for algae blooms before they can occur. It's being proactive to the problem instead of being reactive.

AquaTron™ is an all-natural microbial formula that removes excessive Nitrogen and Phosphorous, improving water quality and clarity.

Since AquaTron™ derives its energy from carbon compounds and not photosynthesis; it can work day and night reducing the excess nutrient load in your ponds.

Bacteria do a better job and they do it without the undesirable side effects of chemicals.



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