

# BIO-STAR™ Aqua+

## Algae control

**Bio-star AQUA +** consists of a blend of natural selectively adapted bacteria, developed specifically to improve the quality of the water and restore natural balance of the ecosystems.

**Bio-star AQUA +** controls algae growth and surface scum and degrades the organic waste accumulated in sediments. By fixing more quickly the primary source of food of the algae, nitrogen and the phosphorus contained in the water, Bio-STAR AQUA+'s bacterial consortium deprives these of the essential food for their growth. In other words, the bacteria metabolism being superior to that of algae, these last ones thus starve and are maintained at a low concentration. This artificially induced competition between the animal kingdom and the plant kingdom also allows restoring an ecological balance in the aquatic environment.

This microbial metabolism also has the effect of facilitating the development of the animal kingdom food chain at the advantage of the aquatic fauna. Bio-star AQUA+ is thus active as well in the water column as in the sediments.

### THE BENEFITS

- Prevent and reduce algal blooms.
- Degrade sludge and organic waste.
- Clarify lakes and ponds water.
- Eliminate odours of organic source.
- Improve the fauna aquatic environment.
- Restore natural balance of the aquatic ecosystem.
- Harmless for humans, animals, fishes and aquatic plants.
- All components registred on the Domestic Substances List (DSL) of Environment Canada.



Aqua+Ri 150812

# BIO-STAR™ Aqua+

## PRODUCT CHARACTERISTICS

Bacterial Count	3 x 10 <sup>9</sup> cfu/gram
Bacterial strain	Bacillus and Pseudomonas Consortium
Biological Process	Aerobic and facultative anaerobic
Pathogenic Bacteria	Salmonella/ Shigella free
pH range	5.0 - 9.8
Temperature range	3° - 63° C
Stability	1 year

## APPLICATIONS

**BIO-STAR Aqua+** is a product and a biological tool that must be registered in the management and maintenance routine of the pond or small lake to obtain good results. The product must not be exposed to the frost and the container must be closed well after every usage. Keep outside the reach of the children.

The product comes in soluble pouches or bulk. If bulk product is used, dilute the prescribed quantity in a pail of pond water and spread evenly on the surface. For the pouches, just throw the required number on the surface.

## IMPORTANT NOTICE

Bacteria contained in **BIO-STAR Aqua+** are of natural origin present in the soil and water. They were selected for their enzymatic abilities to use the organic matter as their food source. These bacterial strains were not genetically manipulated. They are harmless for human, animals, plants and the environment.

## STORAGE

Protect from freezing and store in a dry place.

## Recommended dosages

The dosage depends on the water quality, the highest number being for eutrophic environments. In this case, repeat the initial dose on week 2. Special care must be taken if there are any fish. Contact our specialists.

Initial dosage	Maintenance dosage
6-10 lb/acre 6.5 -11kg/ha	3-5 lb/acre 3.5 - 5.5kg/ha

## Suggested Treatment

Week 1	Initial dosage
Week 3	Maintenance dosage
Week 5	Maintenance dosage every 2 - 3 wk

## FIRST AID MEASURES

In case of contact with eyes, rinse immediately with water for 15 minutes. For skin contact, wash with soap and water. If irritation develops, consult a doctor. If ingested, do not induce vomiting and then drink water. Consult a physician.

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TRAITEMENTS  
**BIOBAC**

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