

WATER COLUMN CLARIFIER

Natural Water Clarity Enhancer

Water Column Clarifier is a high-performance liquid probiotic that clarifies water through enhanced biological flocculation. This formulation removes nitrogen and temporarily binds phosphorus in the water column. Designed for aquatic professionals, it quickly restores balance and improves clarity in lakes and ponds. Water Column Clarifier excels when used alone or after algaecide treatments to flocculate and precipitate dead algal cells. For an extra boost, Water Column Clarifier can also be used in combination with AquaSticker or PondZilla.

PRODUCT HIGHLIGHTS

- Liquid probiotic blend clarifies water through enhanced biological flocculation
- Removes nitrogen and temporarily binds phosphorus
- Broad spectrum and fast acting



Water Column Clarifier is available in 5 or 10 L containers.

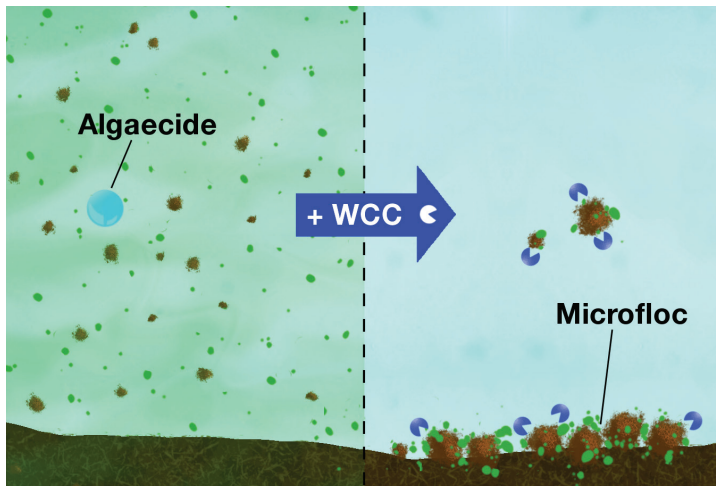


Diagram shows improved water clarity and augmented floc formation after Water Column Clarifier application.

APPLICATIONS

- Lakes and ponds
- Aquaculture
- Decorative ponds
- Water Feature
- Golf courses
- Retention ponds
- Hatcheries
- And more!

BENEFITS

- Establishes healthy bacterial cultures
- Consumes nitrogen & phosphate
- Enhances Clarity
- Balances pond
- Keeps pond and fish healthy

DOSAGE RATE - EVERY 2 TO 4 WEEKS AS NEEDED

Volume m ³	Initial Application	Standard Application	Hypereutrophic Water
0.25	0.1 - 0.4 L	0.1 - 0.25 L	0.25 - 0.75 L
0.5	0.25 - 0.8 L	0.25 - 0.5 L	0.75 - 1.5 L
1	0.5 - 1.5 L	0.5 - 1 L	1.5 - 3 L
5	2.5 - 10 L	2.5 - 5 L	7.5 - 15 L
10	5 - 20 L	5 - 10 L	15 - 30 L
100	35 - 200 L	50 - 100 L	150 - 300L

*Do not mix directly with algaecides or herbicides

*If used in conjunction with algaecide or herbicide, apply Water Column Clarifier after chemical treatments for best results

INCLUDE IN TREATMENT PROGRAMS FOR:

FILAMENTOUS ALGAE

• *Hydrodictyon*

PLANKTONIC ALGAE

• *Chlorella*

DIATOMS

• *Various species*

CYANOBACTERIA

• *Anabaena*
• *Microcystis*
• *Plankothrix*

THE SCIENCE BEHIND IT

A weak microbial community can be a contributing factor that leads to poor water quality and poor clarity. Chemical treatments, washouts, and runoff are all common events that can negatively impact the abundance or activity of microbes in an aquatic environment. Ailing microbes and poor floc formation can limit the community's natural capabilities and lead to increased turbidity and nutrient overloading.

Water Column Clarifier's proprietary formula uses select bacteria cultures and bio-stimulants to enhance biological flocculation. The rapid growth rates and enhanced bacterial polymer production [creates a binding network that brings bacteria together](#). Polymers produced inside the bacterial cells are secreted to form a stable structure for the cell and surrounding cells. The microbial communities in the water column become healthier and denser. This process [creates a microfloc which further removes turbidity from the water column](#). Water Column Clarifier provides a natural way to improve water clarity and quality.