



Extreme examples of String Algae also known as Blanket Weed or Hair Algae



Extreme examples of Green Water Algae also known as Pea Soup Algae



Algae Weed Control Ltd. is a family owned business based in Co. Down, Northern Ireland. We provide services to waters in both Northern and Southern Ireland.

For more information on Algae Weed Control Ltd. or for a no obligation quote for the treatment of your water please contact us using the details below.

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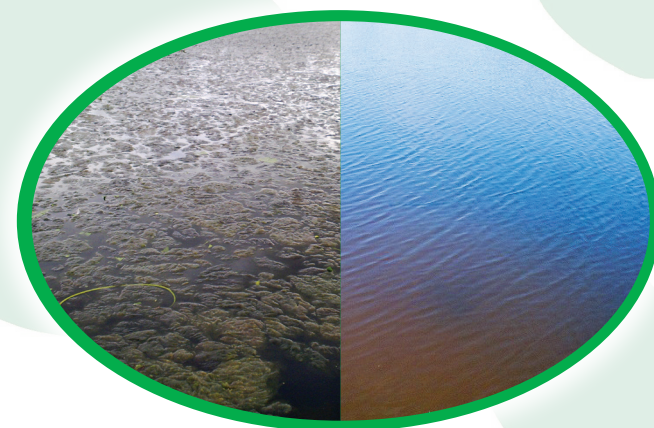
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“Ireland’s leading biological weed and algae control”

NATURES WAY TO TREAT ALGAE



Environmental conditions that may trigger a bloom:

- Excess nutrients (phosphorus and nitrogen)
- Sunlight
- Low water or low flow conditions
- Calm water
- Warmer temperatures

Why Use Algae EcoKlear?

Algae EcoKlear will clear and clean lakes the natural way, removing Algae with microbes (no chemicals). Restoring lakes to their natural balance, making Algae EcoKlear a safe way to control algae without harm to fish and plants.

Over 5 Billion workers per ONE gram of Algae EcoKlear.

Biological amendment for water management (algae remover through food competition). Algae EcoKlear is a natural, non-toxic, biological product designed to solve the problem of excessive nutrient content in contained bodies of water. When added to a lake, pond or other area of contained water, Algae EcoKlear will quickly populate the affected area and help breakdown excessive organic matter and nutrient runoff, improve water clarity (remove green water), reduce odors and restore a natural balance to the ecosystem. Algae EcoKlear is a biodegradable, environmentally friendly product which is non-toxic to humans, fish, beneficial aquatic organisms and wildlife.

Effects on Water Treated by Algae EcoKlear

Algae EcoKlear reduces Nitrites, Nitrate Phosphorus and suppresses algae growth. Water clarity is increased and potential invasive species is controlled. Risk of oxygen depletion through transpiration is reduced. While phytoplankton through photosynthesis, will raise dissolved oxygen saturation during daylight hours, the dense population of bloom reduces dissolved oxygen saturation during the night. If oxygen depletion progresses to hypoxia, fish kills can occur.

The bacteria within Algae EcoKlear becomes food for higher organisms e.g. Amoeba. These in turn become a food source for Daphnia which is part of the natural food chain for many fish, like brown trout, use as their primary food. Almost any freshwater ecosystem is dependent on Daphnia's ability to convert phytoplankton and decaying matter into a more usable form (not blue/green algae).

How Does Algae EcoKlear work?

Algae EcoKlear is a specially isolated consortium of naturally occurring environmentally safe bacterial strains which possess an enhanced capability to extract and scavenge carbon, nitrogen and phosphorus from fresh water.

The product uses the existing organic debris in the surface water/sediment as a carbon source, the bacteria in Algae EcoKlear assimilate excess nitrogen and phosphorus from the treated water as a source of nutrients for cell growth and development, without harming fish and other aquatic life and without undue consumption of dissolved oxygen.

By this process, the microbes in Algae EcoKlear compete with nuisance algae for nutrients and have demonstrated considerable ability to prevent or decrease algae blooms in many surface waters.

Benefits of Algae EcoKlear

- Control algae blooms without the use of toxic chemicals through the environmentally safe, natural process of direct biological competition for nutrients.
- Fast acting, natural solution.
- Reduce Nitrites, Nitrates and Phosphorus in eutrophic waters through improved uptake and conversion by cell biomass.
- Reduce organic debris and improve water clarity in treated waters through enhanced biological activity.
- Lower lake scum and odours in stagnant surface waters.
- Digest organic sediments at a controlled rate.
- Biodegradable and non-toxic to humans, fish, pets, beneficial aquatic organisms and wildlife.
- Easy application, packaged in convenient water soluble sachets.
- Effective in broad water pH range between 5.5 and 8.5

Algae EcoKlear cultures are originally derived from natural sources of soil and water and utilize only non-living organic matter as a food source. They are non-hazardous, non-corrosive, non-pathogenic and harmless to humans, animals, aquatic life and plants.

The Effects of Algae EcoKlear

BEFORE



AFTER

