

AQUAPRO-EZ

Sludge Reduction Technology Biological Water Quality Improvement



WHY

Aquatic ecosystems are complex. When nutrient loads become imbalanced, deterioration of water quality is the end result. Decaying plant matter including algae adds nutrients to the water and the sediment. Nitrogen and phosphorous loads contribute to the deterioration of water quality which in turn stresses the ecosystem resulting in unfavorable conditions that negatively affect productivity.

WHAT

A mixture of two naturally occurring bacterial strains *Bacillus licheniformis* and *Bacillus subtilis* selected for their ability to degrade organic material present in sludge and nutrients specifically formulated to allow the bacteria to jump start their growth in aquatic ecosystems. Each bag contains 8 ounces of our proprietary product containing more than 850 billion CFU. The bags are biodegradable and dissolve after being placed in the water.

HOW

Each pond is different. So any suggestions that we make can only be guidelines from which you can work. These should serve as a general approach.

To start add 6 packets (3 pounds) to problem areas.

Every two weeks thereafter add two bags (one pound) in areas where sludge accumulates historically or in problem areas. More bags can be added as required.

WHEN

The bacteria germinate within 12 to 24 hours after the bags are placed in the water. The bacteria will bloom. Typically they begin digesting sludge shortly after they bloom. They proliferate and then die back to background levels, thus the need for repeat applications.

BENEFITS

- Less accumulated sludge
- Healthier pond bottoms with cleaner bottoms and less hydrogen sulfide production
- Healthier phytoplankton communities

Can be used on lakes, ponds, slow moving streams, koi ponds, golf course ponds, ponds in parks, etc. Any body of water where accumulated organic material is an issue.

Note that the benefits that you see will depend on application rates and the characteristics of the body of water that you are adding the product to.

The bacteria in this product are harmless to plant and animal life and are naturally occurring bacterial species that have been selected for their ability to degrade organic matter. They are not genetically modified or altered in any manner.

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