



BIO-SYSTEMS
INTERNATIONAL

Decorative Lakes & Ponds



929 is a biological product specifically formulated to be effective in enhancing water biology in lagoons, lakes, and ponds.

As well as microorganisms, 929 contains a micronutrient blend specially selected for sludge reduction. This micronutrient blend provides a complete formulation for maximum biological activity and reacts with pond & lagoon sludge to produce biological enhancers. When used as directed 929 is safe and is harmless to people, clothing and the environment and is completely biodegradable.

Through extensive research activities, 929 has been developed to involve 14 strains of bacteria which have been selected for their ability to perform

under both aerobic and anaerobic conditions, and to biodegrade organic material comprised of proteins, fats and carbohydrates. 929 also includes a strain of lactobacillus that tends to lower pH.

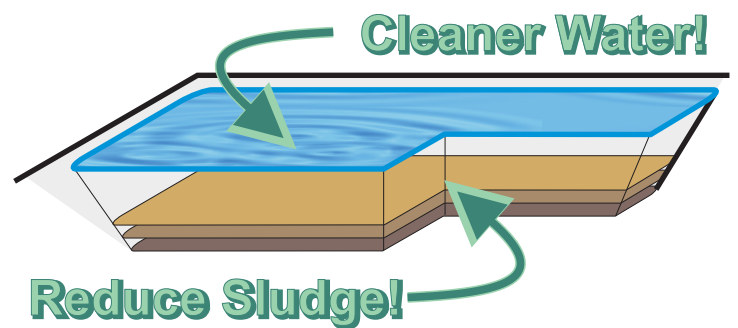
To assure rapid establishment in the biomass, 929 is produced and blended with select biological nutrients and stimulants. 929 is produced under an ISO9001:2008 certificated quality system.

929, with its aerobic and facultative anaerobic microorganisms establishes and maintains a biomass which by providing greater resistance to the effects of organic inhibitors present, is able to perform more effectively than the naturally occurring biomass. 929 ensures that the natural mechanism for the selection of the biomass population is presented with a range of selected microorganisms. These aerobic and facultative anaerobic bacteria have been taken from their natural environment and then adapted to give optimum performance.

929 is approved for use under for the classification of drain cleaners by the Canadian Food Inspection Agency.

- Ensure rapid biological start-up
- Removes nutrients that encourage duckweed growth.
- Reduce sludge build-up & improve settling
- Control grease, foaming, or scum formation
- Reduce odors
- Produce an excellent effluent
- Defer dredging costs
- Improves cold weather operation

Visible Results!



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Specifications

Form: Free-flowing granular powder
Color: Brown
Nutrient Content: Biological nutrients & stimulants
Plate Count: 5 billion per gram

Packaging

8 & 16 oz. water soluble packages protected by a resealable overwrap. 25 lbs. per plastic pail • Bulk 25 lbs., 50 lbs. and 100 lbs.

Storage

DO NOT FREEZE! Store in a cool dry location. Do not inhale dusts, avoid excessive skin contact. SEE M.S.D.S.

Application Instructions

Lagoon Systems

• For facultative and aerobic lagoon systems, the application rate is based on the lagoon surface area:

Initial Dosage 60 lbs per acre
1-2 lbs per week maintenance

• For lagoons in cold climates, commence program when the water temperature is a least 50°F

929 reduces the nutrients that encourage algae and plant growth for better water clarity. The products are natural and easy to use, and rapidly improve the water quality. 929 is designed for use in aerobic and facultative conditions.

929 can depress dissolved oxygen levels initially, especially in ponds or lagoons with high organic content.



Case History 1034

This site in Northern Ohio has an 18 acre lake that was plugged with weeds. Every year they added weed killer to the lake and then seeded the lake with 150 fish (Amers) to eat the dead weeds, achieving minimal results. At the beginning of 1997 they added 200 lbs. of 929 product in addition to the Amers and aeration. On 8/1/97 they noticed a 75% reduction in weeds.

This program has been continued for the last two years with significant improvement in water and fish quality.

Sludge Reduction



Case History 1021

A decorative pond at a major U.S. zoo experienced high organic load from exotic birds and fish. A 929 program was used to clean the water and maintain a healthy environment for the animals.

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