Municipal Lagoons



Specifications

Form: Free-flowing granular powder

Color: Brown

Nutrient Content: Biological nutrients & stimulants

Plate Count: 5 billion per gram

Packaging

GÍ €Á ¦æ(• water soluble packages protected by a foil overwrap. F€Á ál[• Áper plastic pailÉÁ

À

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

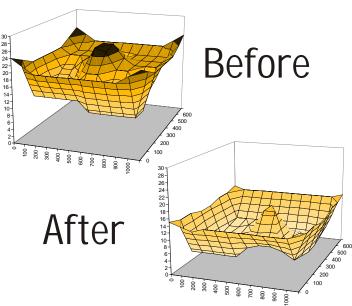
• For facultive lagoon systems, the application rate is based on the lagoon surface area:

Day 1 through Day 5 20 lbs. per acre per day 1 lbs. per acre per week

• For anaerobic lagoons, the application rate is based on the total volume of the anaerobic lagoon.

<100,000 gallons 1 lb. - 2x per week per 5,000 gal. >100,000 gallons 1/2 lb. - 1x per day per 5,000 gal.

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





1-800-232-BUGS

≅ BIO-SYSTEMSCOMPONITION

Case History 735

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 seed the lake with 150 fish (Amers) to eat the dead weeds, acheiving minimal results.

At the beginning of 1997 they added 200 lbs. [$4\hat{O}$ 4 \hat{O} * \hat{A} n 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.



Case History 737

BIO-SYSTEMS products were added from the survey boat to the lagoon. The addition of these three products supplied the synergy to stimulate bacterial activity on the lagoon floor and digest solids.

Completed on November 7th 1997 with the measurement of final sludge depths, evaluation of bacterial activity and other higher life forms. The second lagoon was markedly improved compared to earlier visits. The bottom of the lagoon was clearly visible from the boat, water clarity was such that a leaf on the floor of the lagoon could be seen.



Your local Distributor is:

The information presented in this Data Sheet is believed to be reliable. This information is provided as representative only and there are no warranties, expressed or implied, regarding its performance. Since neither distributor nor manufacturer has any control over handling, storage, use and application conditions, neither distributor nor manufacturer shall be responsible for loss, damage or expense arising out of or in any way connected with the handling, storage, or use of the product described.

Municipal Lagoons



Description

As well has hincroorganisms, Bā Ó * ÁT Š contains had micronutrient hills hend his highest hincronutrient hills highest hincronutrient hills highest high high highest highest highest highest highest highest highest

Through extensive research activities, Óặ Ó * ÁT Š has been developed to involve •] ^&ã&Ástrains 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, carbohydrates and select hydrocarbons.

To assure rapid establishment in the biomass, Bặ Ó * ÁT Š ã Áproduced and blended with select biological nutrients a) å Ástimulants. Bặ Ó * ÁT Š is produced under &ÕT ÚÁs) å Á ŴUJ€€FÁsertificated quality system.

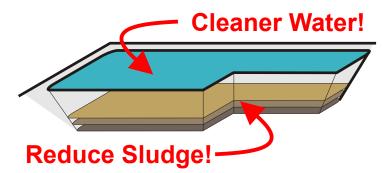
Effect

Benefits of BioBug ML:

- Reduce organic contaminant and sludge
- Improve water clarity and effluent's quality
- Reduce odor and ammonia
- Fast start-up for upset conditions

Algae & Duckweed Control

- Ensure rapid biological start-up with suppression of undesirable algae and duckweed.
- Provide competitive organisms to reduce algae and duckweed activity.



Sludge Reduction Programs

- Reduce sludge build-up
- Control grease, foaming, or scum formation
- Improve settling
- Reduce odors
- Produce an excellent effluent
- Defer dredging costs
- Improves cold weather operation



1-800-232-BUGS