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70094

Microbe-Lift® Bacterial Supplements

- Improves water clarity in ponds and lagoons
- Reduces organic solids buildup

Microbe-Lift has developed a pair of products that can greatly improve the water quality of your pond or lagoon. These products are designed specifically for municipal, commercial and industrial applications. When used together, they provide a complete solution for improving the health of your system.

Microbe-Lift IND bioaugmentation formula improves organic removal efficiency and stimulates nitrification and denitrification. Microbe-Lift IND is a virtual “ecosystem in a bottle” containing photosynthetic, aerobic, facultative anaerobic and anaerobic bacteria strains including heterotrophs and autotrophs. It improves organic removal efficiency, stimulates nitrification and denitrification under the appropriate conditions and reduces odors associated with H₂S and other sulfur compounds.

Microbe-Lift IND is a concentrated microbial product, added at 1/3 to 1/5 the dosage of other biological products.

Microbe-Lift IND Sludge Away speeds organic solids reduction and reduces frequency of dredging. As organic solids accumulate on the bottom of ponds and lagoons, they break down and release toxic gases. Microbe-Lift Sludge Away contains special bacteria and microbes proven effective in reducing organic solids in ponds and lagoons. This results in improved water condition and clarity.

Use Microbe-Lift Sludge Away together with Microbe-Lift IND for a complete pond/lagoon treatment system. We recommend performing a profile of the floor of your pond or lagoon to accurately measure the performance of Sludge Away.

Shipping: Additional shipping fees apply to Microbe-Lift IND.

DESCRIPTION	STOCK #	EACH
Microbe-Lift IND, 1-Gallon Jug	70113	\$
Microbe-Lift IND Sludge Away, 1-Gallon Jug	70094	

Dosage Schedule: Microbe-Lift

	Week 1	Week 2, 3, 4	Maintenance
	Dosage per million gal flow	Dosage per million gal flow	Dosage per million gal flow
Industrial WWTP	15 gal	5 gal	2 gal/week
Municipal WWTP	12 gal	4 gal	2 gal/week
Lagoons	10 gal	3 gal	1 1/2 gal/week
Lakes & Ponds	10 gal	3 gal	2 gal/month

Dosage is made in one application for the first four weeks.

Maintenance dosages can be split in two equal doses per week.

Dosage Schedule: Sludge Away

Dose Sludge Away at a rate of 8 gallons per 100,000 gallons of pond volume. Follow initial application with weekly applications for the next four weeks. Continue treating once a month thereafter.



PlantPRO™ Lagoon-Health Bacterial Supplement

- Improves effluent quality

PlantPRO Lagoon-Health is a special blend of naturally occurring, non-engineered microorganisms formulated to grow and create enzymes that break down organic waste and improve effectiveness of your facultative lagoon or holding tank. It reduces total sludge volume, ammonia, grease, scum and odors.

Bacteria are supplied on a proprietary micronutrient carrier that provides accelerated germination, growth and enzyme production. This supplement is effective in a large temperature range of 5 to 55°C (40 to 130°F), and has a guaranteed minimum bacterial concentration of 4 billion CFU/g (1.8 trillion CFU/lb). Packed in 1-lb water-soluble pouches in 25-lb containers.

Shipping: Quantities of 7+ ship motor freight.

DESCRIPTION	STOCK #	EACH
PlantPRO Lagoon-Health Bacterial Supplement, 25 lbs	84923	\$

Dosage Schedule

For Facultative Lagoons

Initial Dosage:
10 lbs per acre per day for 5 days

Maintenance:
1 lb per acre per week

For Anaerobic Lagoons

Volume:
Up to 100,000 gallons
More than 100,000 gallons

Dosage:
1 lb per 10,000 gals per week
1 lb per 10,000 gals 2x per week



Kasco® Macro-Zyme™ Pond Bacteria

- Removes pond scum and odors
- Safe and non-toxic—no permit required
- Available in bulk or in water-soluble bags



Macro-Zyme pond bacteria is 100% safe for wildlife and humans. It's amazingly easy to use—simply toss one of the water-soluble bags into your pond, and you are on your way to healthier water.

Macro-Zyme is a unique blend of natural occurring bacteria and enzymes. It rapidly biodegrades top and bottom sludge while reducing components that contribute to sludge build-up in ponds of all sizes. It eliminates fish waste and ammonia, and rapidly removes dead grass, leaves and paper.

Note: For best results, use Macro-Zyme in conjunction with a Kasco display or pond aerator (available on pages 46-48).

BAG SIZE	TOTAL COVERAGE/CASE	QTY/ CASE	STOCK #	CASE
1 oz	36,000 Gallons	36 Bags	23422	\$
8 oz	20 Acre-Feet	40 Bags	23423	
Bulk	25 Acre-Feet	25 lbs	36058	