



Safe, Effective Bacterial Management for Clear, Clean Ponds

BacMan is a proprietary blend of natural microbes, enzymes, and micro-nutrients packaged in safe and easy to use water-soluble packets. BacMan produces clearer, cleaner water without harmful side effects. It is a safe, effective, natural, bioaugmentation material.

BacMan:

- Maintains natural microbial balance for clear, healthy ponds
- Stabilizes oxygen levels for healthy aquatic life
- Reduces nutrient imbalances
- Digests fertilizer run-off and other organic material

Reducing Excess Nutrients

Sooner or later, your ponds will be affected by an over-abundance of nutrients resulting from fertilizer run-off and organic decay. Algae is a natural outgrowth of this condition.

Most turf and landscape professionals are aware of the negative cycle that algae-cides create. The dead algae release nutrients that become a food source

for additional algae growth. Algaecides also kill the beneficial microorganisms which keep the pond in balance and can negatively impact fish and other wildlife.

Is This Product For Every Pond?

There are simple and effective tests that will tell you if BacMan will work for your ponds ***before you buy the product.*** These fast, inexpensive tests can be performed on site, pond-side, to measure variables in your water, including:

- pH
- Phosphate level
- Nitrogen level
- Water temperature

If your pond is *choked* with algae, you may want to treat with an algaecide first, wait 10-12 days, and then begin to treat with BacMan. BacMan will restore favorable bacteria and balance to the pond.

Let Us Test Yours...

Ask your distributor or a company representative for the ***BacMan Pond-Side Test Kit.*** It contains four tests that help determine if BacMan will work for you. It will also help determine the amount needed for your initial application. The kit is inexpensive and easy to use. Your local distributor of Emerald Isle products is trained in taking these measurements and will help you develop a program based on their results.

Clear, Clean Ponds

BacMan is not an algacide. It simply consumes the excess nutrients in the water column. If you have an algae problem, it is an indication that you have excess dissolved nutrients in your pond.

Now it's possible to keep your golf course ponds clear and clean, the natural way — if you use BacMan.

Natural Bioremediation Through Bioaugmentation

BacMan uses a safe, natural bio-remediation approach that helps the pond return to a healthy balance.

- BacMan contains scientifically selected bacteria that digest excess nutrients in the water column, particularly Nitrogen.
- It also binds Phosphorus.
- BacMan ingests floating or suspended organic matter in the water, visibly improving water clarity and quality.
- It also metabolizes organic matter in the sludge layer reducing sludge content.

Because it's all part of a natural cycle, when algae levels drop, equilibrium returns to the pond and microbe levels also drop. Continuing to add BacMan will keep your ponds in natural balance.

BacMan is less expensive per pound than competing products.

And BacMan Pond-Side Testing often indicates lower application rates.



Safe and Easy to Use

Because BacMan augments non-toxic, naturally-occurring bacteria:

- It doesn't require an EPA registration.
- It is safe for wildlife as well as people.
- It doesn't require an applicator's license.

Simply toss the water-soluble packets into the pond. Distribute packets evenly over pond area. The packets dissolve within minutes leaving the invisible "Bac men" to do their work. The bacteria begin to work instantly, digesting nutrients continuously. You will begin to see

results in 4 to 10 days. Amount of initial treatment will vary depending on parameters specific to your pond. (See front.) Subsequent applications are generally one packet per pond acre foot every two weeks.

BacMan is effective and safe for use in ponds, lakes, lagoons, retention basins, wetlands and effluent water.

Fast-Acting and Economical

BacMan is formulated to start working as soon as it dissolves, and because it contains both aerobic and facultative bacteria, it works around the clock. Facultative bacteria, unlike aerobic bacteria, do not need free oxygen, but instead use compounds such as nitrates as a substitute for oxygen in their metabolic processes.

Help your ponds return to their natural, clear and healthy state the safe and effective way. Order your BacMan Pond-Side Test Kit today, or call us for additional information.

Distributed by:



Manufactured by:



**Emerald
Isle, Ltd.**

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