



# PRO4000X

AQUAculture INFORMATION TECHNOLOGY

Biotechnology Benefiting Aquaculture

AquaInTech Inc. specializes in the provision of products and services to enhance sustainability and improve profitability of the international aquaculture community.

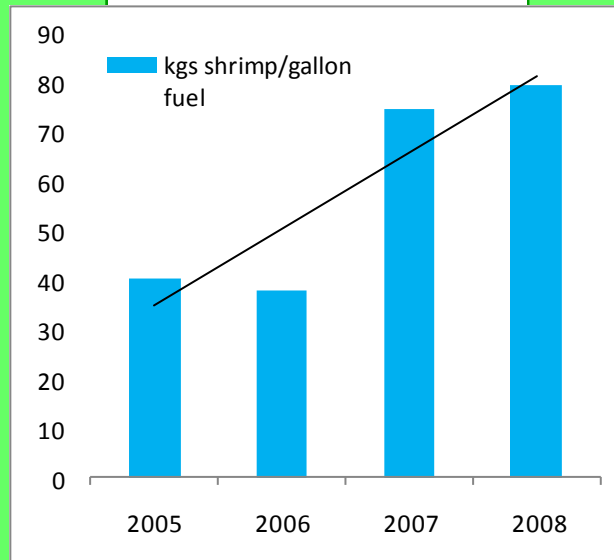
## PRO4000X

Bacterial bio-remediation for ponds, reservoirs, and lakes. Field Proven cost effective tools to improve water quality and animal health.

The concept of probiotics, i.e. living bacterial preparations that alter the flora of the gut in animals is not strongly supported by scientifically reproducible data in aquaculture (in fact it is weak in agriculture in general). Many products that are sold for this purpose contain dead bacteria and/or bacterial strains that are better suited for the users than for shrimp or fish. Our product is formulated to provide you with a potent combination of shelf stable bacterial spores that will ensure that the quality of the environment your animals live in is optimized for their growth. Lower levels of organic material in conjunction with reduction of metabolites including  $NH^4$  and  $H_2S$  results in a healthier ecosystem and positively impacts productivity.

### PRO4000X has many advantages over traditional powdered products

- **Ease of use** No messy powders to handle. Add tablets directly to areas where sludge is.
- **No activation required** Tablets dissolve and bacteria germinate.
- **Potent** Each tablet contains approximately 50 billion CFU. A single tablet results in 50,000 bacteria per square cm of the sediment surface area.
- **Direct Delivery** To pond bottom where the sludge and microbial population resides.



Client in Belize showed reduced fuel consumption to produce each kg of shrimp

### Benefits:

- **Reduced water exchange** Lower pumping and fuel costs. Reduced stress on animals.
- **Improved algal profiles** Lower levels of blue green algae.
- **Improved water quality** Lower ammonia and hydrogen sulfide levels.
- **No antibiotics** Reduced bacterial disease problems. Healthier ponds.
- **Improved survival** Less stress results in less disease.
- **Better FCRs** Better management of water quality.

### Cleaner pond bottoms

Less organic matter accumulates, less time required between dry outs and less lime needed to oxidize organic material.

No one can tell you the best way to use a product like this on your farm. **You know** your farms needs better than anyone else. We start out with a suggested protocol to follow that you should modify as you become more familiar with the product. Using a combination of our tablets, molasses as needed and selective water exchanges will dramatically improve your water quality. Average pond requires 600 to 800 tablets per ha per cycle. *This is less than \$200 per cycle.* You can adjust frequency and rates to suit your environment as your experience increases!

Testimonials available.

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