

# AQUAINTECH INC.

Reduce sludge in catfish and shrimp ponds.

*Biotechnology Benefiting Aquaculture*

**Sludge reducing blend of microbes**

## PRO4000X AquaInTech's proprietary tableted blend of Bacillus strains

Tableted format has several advantages over traditional powdered products:

- **EASE OF USE:** No messy powders to handle. Add tablets directly to pond bottoms.
- **NO ACTIVATION REQUIRED:** Tablets dissolve and bacteria germinate.
- **POTENT:** Each tablet contains approximately 64 billion CFU.  
One tablet results in 64,000 bacteria per square cm of the sediment surface area.
- **DIRECT DELIVERY:** To pond bottom where sludge needs to be digested and where the

### Impressive Field Trial Results in Belize Demonstrate Cost Benefit and Improved Production

#### Improved Feed Conversions

Healthier shrimp waste less feed and use the feed they consume more efficiently.

#### Excellent Cost Benefit

Cost per application ranges from \$50 to \$500 per ha per cycle for typical farms. Cost benefits in a recent trial were better than **10:1**. A savings of more than \$10 for every dollar spent.

#### Increased Growth Rate

Royal Mayan Shrimp Farms in Belize (2007) reported a 14% increase in weekly growth (23 ponds over 148 days). (P<.005).

#### Less Water Exchange

Royal Mayan Shrimp Farms (2007) reduced water exchange by more than 75%. PRO4000X produced a more stable pond environment with much higher levels of beneficial algae and fewer blue green algae. Use of the tablets has cut their costs and increased their profits.

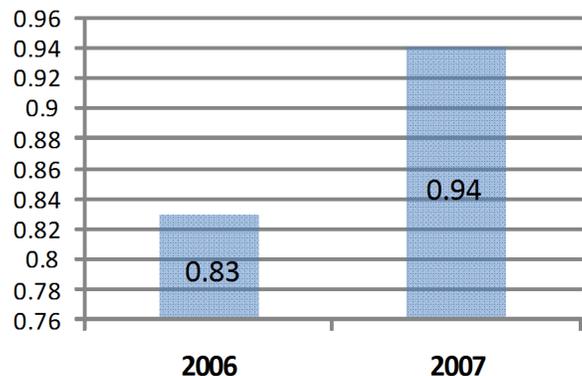
#### Cleaner Pond Bottoms

Shorter time between cycles and less use of oxidizing agents.

#### Eliminated Use of Antibiotics

The bacteria in PRO4000X compete against potential pathogens lessening impact of disease. Royal Mayan Shrimp Farms has completely eliminated the use of antibiotics. Adding PRO4000X to ponds with shrimp affected by black spots eliminated the problem quickly.

**Weekly Growth Rate (grams/week)**



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**Works great in hatcheries as well.**

Results are influenced by cultural conditions and management practices.

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