



ADVANCE
ALLIANCE

Nature in a bottle

Aquaculture

Cost effective yield boosting & mortality reducing bio-agent.

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Global Aquaculture Issues

Intensive aquaculture produces a series of problems that need to be carefully managed to be able to achieve a successful long lasting operation. These include, but are not limited to the following:

- High BOD (Biochemical Oxygen Demand) due to dense fish excrement
- Dissolved Oxygen affecting the pH.
- Depleted oxygen leading to negative bacterial activity
- Relation between NH_3 , NO_x , N_2 , P, and the BOD
- Degradation of organic waste leading to the accumulation of CO_2 nitrates
- Accumulation of nutrients, leading to high levels of N & P
- Algae Growth & mucous control
- Formation of a biofilm on the Pond

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How does it affect you?

Due to the problems mentioned previously, a majority of the world's aquaculture endeavours fail.

In aquaculture environments where these problems are left untreated, illness thrives, resulting in mortality rates commonly exceeding 50%.

In addition to this, many operations are hit with heavy fines due to the extremely contaminated water discharged from the facility, often with residues of toxic chemicals- contaminating both groundwater and seawater, impacting both humans and wildlife.

For example, each kilogram of farmed shrimp produced, generates around 15,000L of effluent. The management of which is very difficult and costly in traditional operations.

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What do we do?

Advance Alliance presents the 100% environmentally friendly Aquaculture solution. Tested and safe, it is an easy to apply bio-agent that is proven to rapidly decrease mortality rates, and greatly improve yield of all aquaculture operations.

Our Solution is the most cost effective way to improve production, whilst simultaneously reducing impact on the environment.

The product is cost effective, environmentally friendly, easy to apply and harmless to humans, your farmed product, and wildlife.

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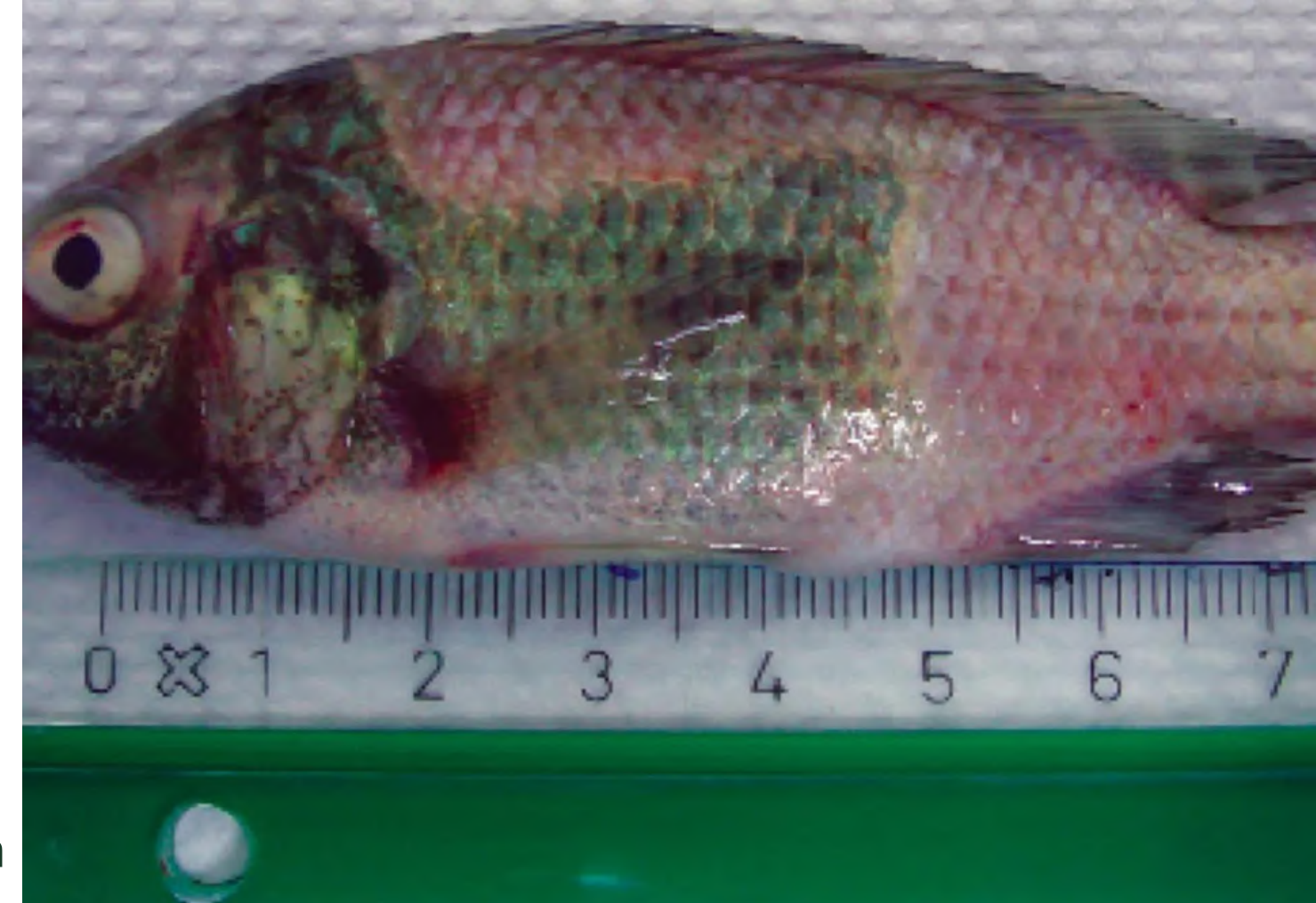
What do we do?

Our solution is unique, in that it both improves the animals health and immune system, whilst simultaneously improving the health and quality of the environment in which they live.

In this way, we prevent the outbreak of diseases seen in aquaculture as seen on the right, which frequently eliminate entire ponds, wiping out an organisations production for the year. Post application, mortality rates rapidly decrease, whilst feed-to-weight conversion rates increase significantly.

Ergofito cleans salt and fresh water biologically, decomposing all pollutants, organic matter, antibiotics and hormones into proteins and amino acids.

By improving the health of both the animals and their environment, we are able to decrease your need of antibiotics and hormones, and reduce mortality, significantly lowering operating costs while improving yield.





Advantages

- Ergofito is highly cost-effective in remediating salt and freshwater in aquaculture operations, to improve environment quality, improving productivity and reducing mortality.
- Our solution naturally assists in maintaining pH. at the optimal level.
- Transform Ammonia and Nitrates into proteins, removing them from the environment and the fish.
- Ergofito is environmentally friendly, safe for human contact, and easy to apply.
- The product is extensively tested and proven for use in all aquaculture settings, regardless of animal farmed.
- Water discharged from your operation will be environmentally friendly & of agricultural quality.

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Visible Benefits

- BOD rapidly reduced
- Improved pH. levels and stability.
- Faster growing fish, shrimp and shellfish.
- Improved feed to weight conversion.
- Decreased use of antibiotics and hormones.
- Removal of biofilm, slime and mucous
- Increase in healthy phytoplankton
- Lower Cost of Operations
- Active elimination of waste.
- Improved dissolved oxygen levels

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Tested

Our solution has been extensively tested, and proven to be effective in aquaculture operations around the world.

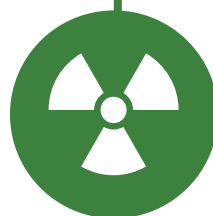
In shrimp farms, we routinely decrease mortality from over 50%, to under 10% in one growth cycle, additionally, shrimp are reaching sale weight approximately 1 month earlier.

We have extensive experience in this field, contact us to arrange a trial.



COMPARISON OF SOLUTIONS

TRADITIONAL METHODS



- Extremely high mortality rates, decreasing yields
- Extensive use of hormones & antibiotics
- Difficulty maintaining healthy environment
- Discharge water highly toxic
- Decreased productivity
- extensive spread of disease

ADVANCE ALLIANCE SOLUTION



- 42 Biological Enzymes
- 100% natural & EPA approved
- Apply directly to the pond
- No capital expenses or upgrade
- No long-term commitments
- Monthly service charge
- Major improvements in yield and mortality
- Animals reach sale weight far faster
- Discharge water of agricultural quality

Certification

✓ South Africa

✓ USA

✓ New Zealand

✓ Nigeria

✓ Hong Kong & China

✓ Saudi Arabia

✓ Oman

✓ Europe

✓ Kuwait



Contact Us

For any questions or clarifications on our presentation.

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