



Shrimp Improvement Systems, LLC

November 22, 2017

To whom it may concern:

As one of the leaders in selling genetically improved shrimp stocks for use by shrimp aquaculturists around the world it is important that we operate in a biosecure manner and that any products we may use in our systems add value.

We have been using a tableted product manufactured (PRO 4000X trademark) by Aquaintech Inc. for some time now. This combination of Bacillus spores and vegetative cells in this tablet settle to the bottom of our Nucleus Breeding Center recirculating floc production tanks. These bacteria degrade any accumulated organic matter and we have found that this is a convenient and easy way to keep our recirculating system healthy.

Among some of our observations:

- We use it about 1 ppm per daily (one tablet per each 16 MTs of water or so).
- We use it in the entire system from nursery through grow-out phases.
- Ammonia and nitrate levels are stabilized and remain low with infrequent spikes.
- It prevents the accumulation of rotting material in problematic settling spots in our system.
- The overall water quality is improved and our tanks are cleaner.
- It helps improve the general health of the breeders. We have observed after handling the animals during sampling and transfers that it effectively prevents exoskeleton lesions from becoming infected by bacteria.

We are quite pleased with this product and will continue to use it as an important element of our overall approach to biosecurity and improving animal health.

Regards,

David Leong
President