

BiOWiSH™ Aquaculture Disease Treatment

Hatchery & Maturation Tanks

In hatchery and maturation tanks the combination of BiOWiSH™ AquaFarm and BiOWiSH™ MultiBio 3PS provides production improvements in systems with poor water quality and disease pressure such as Vibrio. The combined use of BiOWiSH™ AquaFarm and BiOWiSH™ MultiBio 3PS provides improved survivability and quality of production under stress conditions.

Hatchery & Maturation Dosing Rates

- Every Day: Measure the recommended amount of BiOWiSH™ per metric ton (1000 liters) of tank water you intend to dose.
- Increase dosage proportionally as the total biomass in the tank increases.

Stage	Zoea 1 to Zoea 3	Mysis 1 to Mysis 3	PL1 to PL6	PL7 to PL12	High Organic Loading
BiOWiSH™ AquaFarm (grams/ton of water/day)	0.5 grams	0.5 to 1.0 grams	1.0 to 1.5 grams	1.5 to 2.0 grams	2.0 to 5.0 grams
BiOWiSH™ MultiBio 3PS (grams/ton of water/day)	0.25 to 0.5 grams	0.5 to 1.0 grams	1.0 to 1.5 grams	1.5 to 2.0 grams	2.0 to 5.0 grams

- Mix the required amount of BiOWiSH™ product into a clean bucket of tank water. Once fully dissolved, apply back into the tank to achieve good distribution to the water surface of your hatchery or maturation tanks.

Nurseries, Raceway Systems, and Production Ponds

Combining BiOWiSH™ AquaFarm Water Treatment and BiOWiSH™ MultiBio 3PS Direct Fed Microbial is a recommended Best Management Practice for the improvement of growth and survival rates in nurseries, raceway systems, and production ponds.

Dosing Rates – Nurseries, Raceway Systems, and Production Ponds Water Application (BiOWiSH™ AquaFarm)

- Every Week: Measure 1000g (1kg) of BiOWiSH™ AquaFarm per hectare.
- Mix the required dosage of BiOWiSH™ AquaFarm with pond water using a minimum of 20 liters of water per 1000g of BiOWiSH™ for delivery. Higher water volumes by be used and are recommended for maximum coverage.
- Apply BiOWiSH™ AquaFarm with an inflow event or add the mixture evenly to the pond by distributing around pond edges. Subsequent dosing can be applied into the water inlet during times of pond filling.

- BiOWiSH™ AquaFarm should be applied within the first 2 hours following sunrise.
- For ponds that have not had the BiOWiSH-recommended pond preparation, it is important to assess the level of organic matter in the bottom of the pond. If high organic loading is found, the dosage of BiOWiSH™ AquaFarm may be increased by 50% in the first month as long as there is adequate mechanical aeration to avoid oxygen depletion.
- It is highly recommended that the use of BiOWiSH™ AquaFarm commence with the full pond preparation prior to stocking to avoid excessive nutrients throughout the production period. Please see the BiOWiSH Pond Preparation User Guide or speak with your BiOWiSH distributor.

Dosing Rates – Nurseries, Raceway Systems, and Production Ponds Feed Application (BiOWiSH™ 3PS Direct Fed Microbial)

- Add BiOWiSH™ MultiBio 3PS at 1000g (35.3 oz.) per metric ton of feed.
- Maintain recommended concentration by adding BiOWiSH™ MultiBio 3PS with each animal feed addition.
- BiOWiSH™ MultiBio 3PS can be coated onto compound feeds using approved liquids.
- For on farm or feed manufacturer compound feed coating instructions and schematics, please refer to the appropriate BiOWiSH™ MultiBio 3PS User Guide: Aquaculture Floating Feeds or Aquaculture Sinking Feeds.



Contact

BiOWiSH Technologies

Tel: +1 312 572 6700

Email: aquaculture@biowishtech.com

Web: biowishtech.com

The product applications defined in this User Guide are intended for countries in which regulatory permissions allow.

Biological help for the human race



www.biowishtech.com

BiOWiSH™ is a registered trademark of BiOWiSH Technologies, Inc.

Version 7

Biological Help for the Human Race™