

BiOWiSH™ AquaFarm

Shrimp Production

Nursery Ponds

BiOWiSH™ AquaFarm can improve growth and survival rates through improved water quality in nursery ponds.

Dosing Rates – Nursery Ponds

- Every week: Measure 200g of BiOWiSH™ AquaFarm per hectare.
- Mix BiOWiSH™ AquaFarm with pond water using a minimum of 8 liters of water per 200g of BiOWiSH™ for delivery. Higher water volumes are fine 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.
- 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, it is recommended that the initial dosage be reduced by 50% in the first month.

Commercial Production – Shrimp Grow Out Ponds

BiOWiSH™ AquaFarm will assist in degrading the sludge at the bottom of the pond thereby reducing the need for sludge removal and improving overall water quality. BiOWiSH™ AquaFarm should be used throughout the production cycle to improve water quality, which can help improve survival and growth rates. It is highly recommended that the use of BiOWiSH™ AquaFarm commence with the full pond preparation prior to the stocking process to avoid excessive nutrients throughout the production period. Please see the BiOWiSH Pond Preparation User Guide or speak with your BiOWiSH distributor.

Dosing Rates – Grow Out Production

- Mix the required dosage of BiOWiSH™ AquaFarm with pond water using a minimum of 4 liters of water per 100g of BiOWiSH™ for delivery. Higher water volumes are recommended for maximum coverage. Apply BiOWiSH™ AquaFarm with an inflow event or add the mixture evenly to the pond edges for initial dosing. 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 it is recommended that the initial dosage be reduced by 50% in the first month.

The following BiOWiSH™ AquaFarm application rates are recommended at different stocking densities:

Application Guidelines for Vannamei (weekly dosages / hectare / 1.2 meter depth)							
Stocking Density (m ²)		7–12	13–25	26–40	41–70	71–100	101–130
BiOWiSH™ AquaFarm (hectare / 1.2 meter depth)	Month 1	80g	150g	200g	300	750g	1000g
	Month 2	120g	175g	300g	450g	900g	1250g
	Month 3	150g	250g	600g	900g	1100g	1600g
	Month 4	175g	350g	750g	1100g	1300g	2000g
BiOWiSH™ AquaFarm (hectare / 120 days of culture)		TOTAL	2.1 kg	3.7 kg	7.4 kg	11 kg	16.2 kg
			23.4 kg				

*For Monodon, increase dosage by 25%.

**General recommendations, please contact your BiOWiSH distributor to determine best management practice site-specific protocol.

Off Flavor

In order to combat off flavor, apply BiOWiSH™ AquaFarm during the last 2–3 weeks of a production cycle.

- Measure out 500g of BiOWiSH™ AquaFarm per hectare per week.
- Mix BiOWiSH™ AquaFarm into pond water using a minimum of 4 liters of water per 100g of BiOWiSH™ for delivery. Higher water volumes are recommended for maximum coverage.
- Apply BiOWiSH™ AquaFarm with an inflow event or add the mixture evenly on your pond water.
- BiOWiSH™ AquaFarm should be applied within the first 2 hours following sunrise.
- For ponds that have not had the BiOWiSH-recommended pond preparation or BiOWiSH™ AquaFarm treatment through production, it is important to assess the level of organic matter in the bottom of the pond. If high organic loading, it is recommended that the initial dosage be reduced by 50% in the first month. It is highly recommended that the use of BiOWiSH™ AquaFarm commence with the full pond preparation prior to the stocking process to avoid excessive nutrients throughout the production period. Please see the BiOWiSH Pond Preparation User Guide or speak with your BiOWiSH distributor. In such cases it is recommended to commence treatment for off flavor 4–6 weeks prior to harvest.

Contacts

BiOWiSH Technologies

Tel: +1 312 572 6700

Web: www.biowishtech.com

Fax: +1 312 572 6710

Email: aquaculture@biowishtech.com

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