

BiOWiSH™ AquaFarm

Ornamental Fish Ponds

In Ornamental Fish production, BiOWiSH™ AquaFarm is a revolutionary water treatment that accelerates biological removal of detrimental nutrients from the water such as ammonia, nitrites and nitrates. Proven applications include aquaculture treatments from hatchery through to production ponds for shrimp and fish. The BiOWiSH™ Aqua family of products are used in commercial production ponds, wastewater treatment, nutrient management and odor control.

Specifically in Ornamental Fish production systems benefits include:

- Improved water quality
- More efficient Nitrogen Cycle – decreased levels of NH₃, NO₂ and NO₃
- Improved Dissolved Oxygen levels
- Reduced sludge accumulation
- Extended pond production period without clean-out saves time
- Water quality improvement can assist with fish health and growth rates
- Lower mortality

How does BiOWiSH™ AquaFarm improve the clarity of the water?

BiOWiSH™ AquaFarm assists to reduce the growth of algae by accelerating the decomposition of nutrients and other organic matter within the pond that would normally support algae growth. This leads to a clear, clean, healthy balanced pond environment. Accelerating the Nitrogen cycle means that Ammonia is converted to nitrates and nitrogen gas and organic carbon into carbon dioxide with greater efficiency than typical with naturally present microflora.

What dosing rates should I use?

The optimal dosing rate will depend on the following factors:

1. The size of the pond.
2. The amount of organic matter on the bottom of the pond. Older ponds may have many inches of sludge build-up.
3. The amount of algae in the pond.
4. The density (number) of fish in the pond: The higher the fish density, the more organic waste load.
5. The temperature of the water.
6. The amount of sunlight, which provides energy for algal growth.

An initial dose of 3mg/L is recommended for typical systems until a satisfactory water quality is achieved. Ongoing dosage levels of 1.5mg/L weekly are normally sufficient. Please note precautions for systems with excess accumulated organic matter in the general usage instructions.

Ongoing dose levels can be varied based on the above variables and to meet your objectives.

Contacts

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