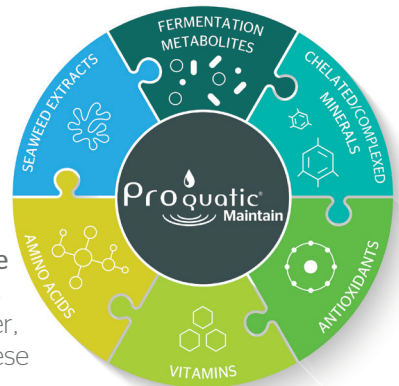




Quickly Establish Healthy Aquatic Environment to Help Shrimp Thrive

Proquatic® Maintain is a biostimulant functional matrix designed to help quickly establish a healthy water environment in shrimp hatchery, nursery and early stages of grow-out systems. In these environments, organic loads are not excessive and therefore, primarily aerobic conditions are present.

The unique formulation from U.S.-based Verdesian Life Sciences combines the power of probiotic metabolites, seaweed extracts, chelated/complexed minerals, amino acids, bioavailable vitamins and antioxidants to support the **development of beneficial water organisms that promote shrimp health and growth from mysis to post-larvae (PL)**. Specifically, Proquatic Maintain contains several critical minerals such as boron, copper, iron, molybdenum, zinc, etc. Collectively, these minerals greatly support metabolic functions, enzymatic activity, photosynthesis and micronutrient availability/uptake for microorganism growth.



Through a patented two-step fermentation process that transforms product components into a powerful postbiotic biostimulant, **Proquatic Maintain helps create and maintain stable water quality so shrimp are able to thrive.**

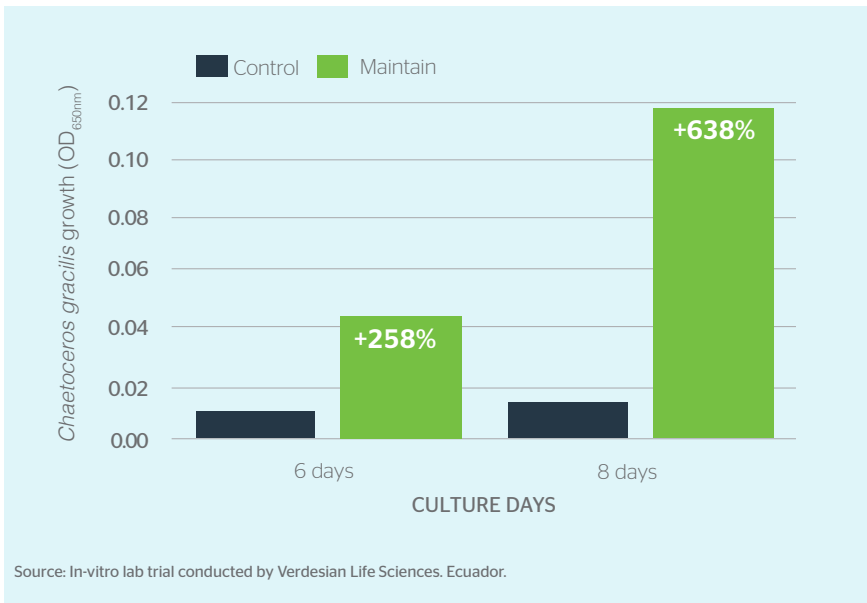
Create Nourishing, Balanced Water to Support Healthy Shrimp and Decrease Mortality

One key to shrimp survival through the larval stages is quality water capable of sustaining beneficial microbes and other nutrients. Water treated with Proquatic Maintain has proven to accelerate production of diatoms by an average of 120 percent compared to untreated water. It also:

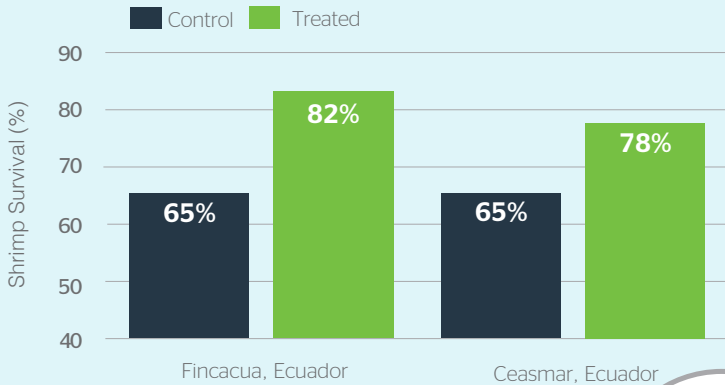
- Supports increased microbial activity and beneficial algal growth
- Stimulates growth, activity and efficacy of beneficial bacteria to improve microbial activity in the water column in aerobic conditions, improving overall water quality and stability
- Promotes aerobic bacteria multiplication and biofilm formation

By providing shrimp with high-quality water, Proquatic Maintain helps PL shrimp better acclimate to new environments, which can result in decreased mortality.

Effect of Maintain on the Growth of Marine Diatom in Seawater Containing N, P, and Si Sources



Maintain Increased Shrimp Survival



Source: Verdesian Life Sciences.

Maintain increased shrimp survival by an average of

23%

Stabilize Water Quality

As shrimp move through the grow-out phase, Proquatic Maintain can continue to promote a healthy water environment. It does so by:

- Stabilizing alkalinity to reduce variations in pH/dissolved oxygen
- Accelerating decomposition of organic matter while reducing ammonia nitrogen, nitrite and other harmful substances that can create toxicity in the water in aerobic conditions

In addition, Proquatic Maintain is compatible with other pond-treatment products that improve water quality in situations such as poorly fertilized water, algae over-bloom, black or white cloudy water, or foamy water.



Creating a Competitive Advantage Through a More Productive Aquaculture System

Aquaculture products from Verdesian go beyond quickly establishing a healthy aquaculture system to maintaining pond productivity and shrimp health. A more productive aquatic environment can lead to a more profitable operation that creates a competitive advantage in the marketplace. Other products in the aquaculture family:

- Proquatic PondRestore helps create a non-toxic pond bottom that supports a healthy, stable pond environment, resulting in bigger shrimp and higher profit potential.
- Dyvon Lumensa™ helps shrimp maintain a healthy, balanced gut microbiome that supports increased weight gain, improved immune and digestive systems, and decreased mortality.

Trials indicate that together with Proquatic Maintain, these products on average over untreated help:

- Accelerate growth
 - » Increase average body weight **13 percent**
 - » Decrease feed conversion ratio **24 percent**
- Create cleaner ponds
 - » Increase diatom population **120 percent**
 - » Increase bacteria/probiotic population **125 percent**
 - » Decrease pond production cycle **8.5 days**
- Yield healthier, larger shrimp
 - » Increase survival rate **23 percent**
 - » Increase shrimp harvest weight **22 percent**
 - » Increase return on investment **5:1**

Scan QR code with your phone camera for more information.



Accelerate growth.
Create cleaner aquaculture systems.
Yield healthier, larger shrimp.

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