



# Culture Feeds

**Culture Feeds** - "We bring algae products to the world."  
At Culture Feeds, we understand the needs of the aquaculture industry.

**Culture Algae Feed** is grown on an advanced high-tech platform that prevents external predators from contaminating the feed. Culture shrimp feeds are organically grown, ensuring the highest quality with exceptional nutritional value.

## Culture Algae Feed (Paste)



### Culture Algae Feed for Shrimps (Paste)

- Fresh Algae Pastes
  - *Isochrysis*, *Nannochloropsis*, *Phaeodactylum*
- Place of Origin – United States
- 20% Dry Weight
- Ideally used during the larval phase
- Algae cultivated through a controlled process
  - Maintains uniform properties
  - Reduced risk of contamination
- Organic Feed with high nutritional value
- Centrifuged on site
- Produced as a replacement for live algae
- Storage for up to 2-3 months without expiration
- We are able to produce and distribute between 1 and 20 tons

### Benefits of Culture Algae Feed:

- *Isochrysis*, *Nannochloropsis*, *Phaeodactylum*



### Advantages of Live vs. Dried Algae as Shrimp Feed

- Research showed that replacing live microalgae with spray-dried algae leads to a decrease in growth, metamorphosis and survival.
- The movement of live feed has added benefits in stimulating the larval feeding responses. Evolutionary history has adapted the shrimps to attack moving prey in nature. Thus, floating live algae biomass will increase the nutritional consumption of the shrimps and improve their overall health.
- Research has shown that formulated dried feeds tend to accumulate on the water surface or, more commonly, sink quickly to the bottom. As a result, the dried feeds are less effective and are less available to the larvae compared to the live feeds.
- Studies have indicated that live feed may be more palatable to the larvae due to a thin exoskeleton and high water content of the algae.

### Benefits of Microalgae as Shrimp Feed

- Organic algae feed contains proteins, carbohydrates and high Omega-3 and Omega-6 fatty acids.
- Algae supply shrimp larvae with vitamins. High concentrations of some vitamins have been found in developing embryos, supporting the fact that micronutrients are essential for the early larval development.
- Algae reduce the risk of diseases and infections, resulting in improved overall health.
- Studies have shown that using algae as supplemental feed during the mysis and post larvae improved survival and growth during these stages.

### Contact Us For More Information

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