



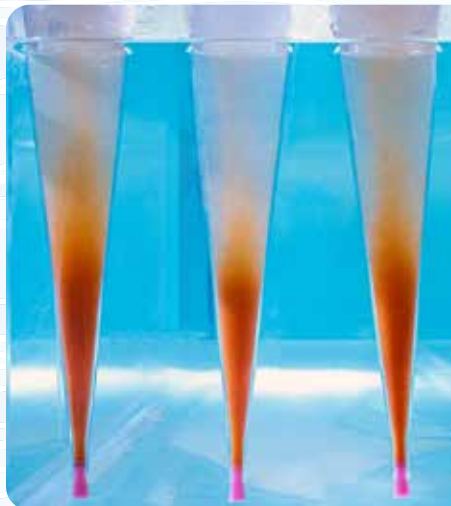
Mackay Marine Artemia™

The Artemia Brand You Can Trust!



Highest quality. Best nutrition.

- Healthier, faster growing shrimp
- Easy to hatch process:
 - No chemical enhancements
 - No narrow temperature windows
 - No excessive light requirements
- 15+ years of testing with no positive test results for aquaculture pathogens



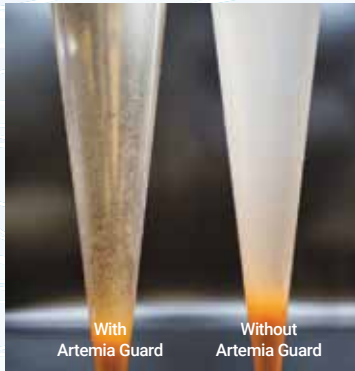
Guaranteed hatch rate

- Great Salt Lake Artemia is easy to hatch and is **guaranteed** to hatch at or above the promised hatch out rate (HOR) percentage
- Our Artemia is of the highest quality, harvested exclusively from the Great Salt Lake in the United States
- GSLA has clear traceability and environmental controls you can trust





SEP-Art HandyMag Tool



With Artemia Guard Without Artemia Guard

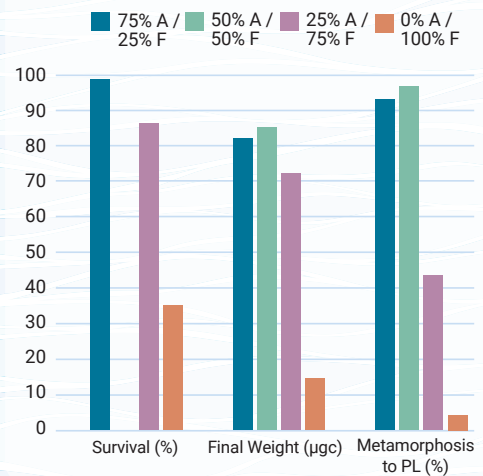
Technology solutions

- **SEP-Art**
Delivers complete separation giving you 100% pure nauplii and maximum yield and value
- **Artemia Guard**
Suppresses bacterial growth and improves overall biosecurity in your hatchery

High-quality Artemia can **double the survival rate** vs. inert diet alone¹

- Balanced cofeeding of Artemia and inert feed is ideal for shrimp and fish survival and growth
- **Weight increases of 800% - 1100%** for shrimp-fed Artemia and an inert diet mix²
- A diet consisting of at least 25% or more Artemia will assist in more effective nutritional uptake from the inert feed likely through greater ingestion/assimilation of the inert diet²

Comparison of Artemia and Feed²



Reliability of supply through science-based harvest management of the Great Salt Lake

We are committed to the sustainability of our natural resources through dedicated conservation and responsible harvest management. Over 20 years ago, the State of Utah, in partnership with the Artemia industry, implemented a **science-based management system** aimed at optimizing the Artemia population and cyst production, resulting in a **stable and sustainable** supply of quality Artemia cysts from the Great Salt Lake.

1 - Evaluation of Nematodes and Artificial Artemia as Feed for Pacific White Shrimp in a Biofloc Nursery System; Nils Phillip Sommer, 2019

2 - Gamboa-Delgado, J. and Le Vay, L. 2009. Artemia replacement in co-feeding regimes for mysis and postlarval stages of *Litopenaeus vannamei*: Nutritional contribution of inert diets to tissue growth as indicated by natural carbon stable isotopes. *Aquaculture* 297, 128-135. doi:10.1016/j.aquaculture.2009.09.009

TO LEARN MORE OR ORDER

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