



LARVIVA[®]

START STRONG. STAY STRONG.

Specialised Hatchery Feeds for Shrimp

www.larviva.com

A complete range focused on the well-being of the larve

BioMar offers a complete selection of high-quality products for the production of larvae, postlarvae and juvenile shrimp. The range includes premium-quality, microencapsulated larval feeds for early feeding, extruded crumbles for postlarvae and extruded micro pellets for juvenile shrimp.

Advanced nutrition combined with proven effective additives

All LARVIVA feeds contain Bactocell® and B-WYSE™.

Bactocell® is the only probiotic approved by the European Commission for inclusion in shrimp feeds. It has been documented to favorably affect growth and survival of shrimp.

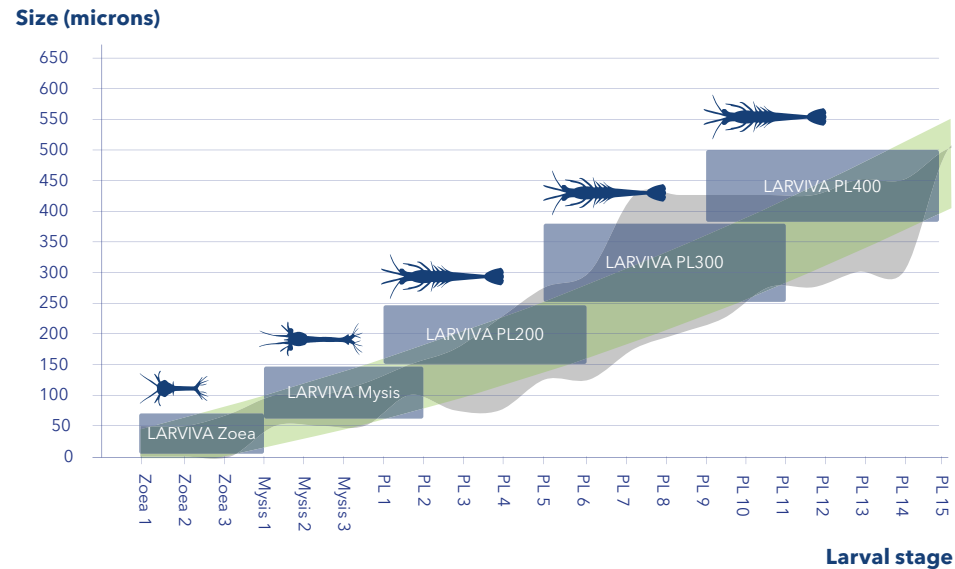
B-WYSE™ (BioMar Whole Yeast Synergistic Extracts), a multi-strains yeast fraction that helps modulate the immune system and reinforce the intestinal barrier of the shrimp.

LARVIVA®

Life Stage	Product Range		
 Larvae Microencapsulated	LARVIVA Zoea 	LARVIVA Mysis 	
 Postlarve Extruded & Granulated	LARVIVA PL 200 	LARVIVA PL 300 	LARVIVA PL 400 
 Juveniles Micro Pellets	LARVIVA Nursery 0.5 	LARVIVA Nursery 0.8 	LARVIVA Nursery 1.1 

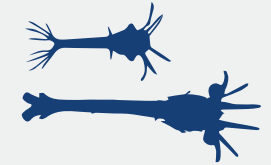
Ideal particle size for each larval stage

The LARVIVA range offers several sizes of particles adapted for each larval stage, ensuring an optimum consumption by the shrimp thus minimizing the waste.



Legenda

- Particle size of LARVIVA products and their larval stage
- Accepted particle size range
- Average accepted particle size range



Larval Feeds

LARVIVA zoea / LARVIVA mysis

Microencapsulated Feed for Early Feeding

Complete Nutritional Profile

- The feeds are designed to cover the nutritional needs of shrimp larvae during the first feeding. They contain high levels of vitamins and have a balanced profile of amino acids, n-3 fatty acids, phospholipids and essential micronutrients, to ensure optimal development of the larvae.
- Formula with more than 80% ingredients of marine origin, offers high attractability,
- palatability and nutritional value.

Low Temperature Microencapsulation Technology

- This sophisticated technology guarantees maximum retention of nutrients and high digestibility, preserving the nutritional integrity of the premium ingredients used and preventing deterioration of the quality of the culture water.
- Spherical microcapsules stable in the water column, with homogeneous distribution and slow sinking speed, ensuring that the feed is available for a long time without losing its nutritional integrity.

Product	Particle Size	Packaging	Nutraceutical
LARVIVA zoea	10 - 70 µm	500 g Can	Bactocell® B-WYSE™
LARVIVA mysis	70 - 150 µm	500 g Can	Bactocell® B-WYSE™

Postlarval Feeds



LARVIVA PL

Extruded Granules for Accelerated Development

Nutritionally Complete Premium Diets

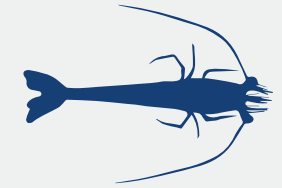
- Formula with highly digestible raw materials of marine origin, with excellent attractability.

Technology that Guarantees a High-Performance Feed

- The gentle low temperature extrusion process produces stable slow sinking particles that ensure the nutritional value of the formula, as well as the activity of the nutraceuticals.

Product	Particle Size	Packaging	Nutraceutical
LARVIVA PL 200	150 - 250 µm	1 kg Can	Bactocell® B-WYSE™
LARVIVA PL 300	250 - 375 µm	1 kg Can	Bactocell® B-WYSE™
LARVIVA PL 400	375 - 500 µm	1 kg Can	Bactocell® B-WYSE™

Nursery Feeds



LARVIVA nursery

Extruded Micro Pellets

Preparing the Shrimp for the Grow-Out Stage

- LARVIVA nursery feeds are formulated to support the shrimp during its adaptation stage to the grow-out conditions.
- Great importance has been given to palatability, which together with a high protein content, the inclusion of the unique probiotic and B-WYSE™, support growth and the production of robust juveniles.
- The nutraceuticals, in combination with high levels of vitamins and minerals, assist in the transfer from nursery phase to grow-out conditions.

Extruded Micro Pellets with a High Physical Quality

- The micro pellets are produced through a process of extrusion at low temperature to maintain the quality of the ingredients.
- The pellets sink slowly into the water column, which results in a better food availability for the postlarvae.

Product	Particle Size	Packaging	Nutraceutical
LARVIVA nursery 0.5	0.5 mm	5 kg bucket	Bactocell® B-WYSE™
LARVIVA nursery 0.8	0.8 mm	5 kg bucket	Bactocell® B-WYSE™
LARVIVA nursery 1.1	1.1 mm	5 kg bucket	Bactocell® B-WYSE™

BioMar is a leading supplier of high-performance aqua feed to the global aquaculture industry. Currently, BioMar operates 17 feed factories placed across the globe in Norway, Chile, Denmark, Scotland, Spain, France, Greece, Turkey, China, Costa Rica, Ecuador and Australia.

Roughly one out of five farmed fish produced in Europe, South and Central America is fed on BioMar feed. Worldwide, BioMar supplies feed to around 90 countries and for more than 45 different species of fish and shrimp.

BioMar's rigorous management systems and procedures combined with transparency and traceability create a fundament for our excellent records in food safety.



Powered by Partnership Driven by Innovation

BioMar's hatchery range for shrimp is produced and sold by

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