START STRONG. STAY STRONG.

BioMar

Marine Hatchery Feed Range

www.larviva.com

LARVIVA®

A complete hatchery range for fish

The Marine Hatchery feed range for fish offers a complete selection of high quality products covering all the nutritional needs of fish larvae, small fry and broodstock.

The Hatchery range includes premium and standard product programmes for larval/post-weaning, and nursery stages to fit the goals and protocols of the different hatcheries. High quality broodstock feeds for both maintenance and maturation periods and an enrichment diet for rotifers and Artemia complete the range. The product portfolio is not only highly suited for marine fish hatcheries but also for some of the more demanding fresh water species.

The whole range contains Bactocell[®]*, the only probiotic that is approved by the European Commission for its ability to potentially reduce deformities across fish species.

LARVIVA Broodstock feeds, LARVIVA ProWean, INICIO Plus (M), and LARVIVA ORBIT also contain B-WYSE^{TM**}.

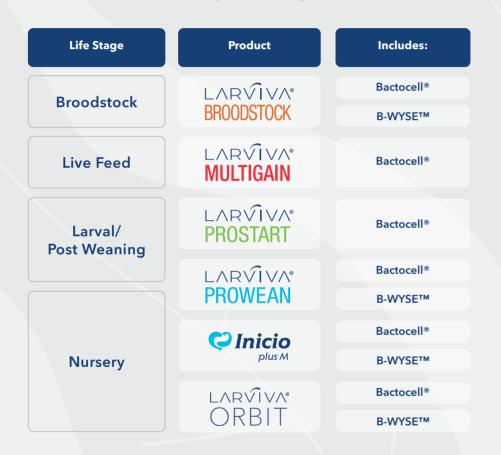
* Bactocell® is the only probiotic that is approved by the European Commission for its ability to potentially reduce deformities across fish species.

**B-WYSE™ (BioMar Whole Yeast Synergistic Extracts) is a functional multi-strains yeast fraction.

BioMar's Marine Hatchery Feed Range

| Life Stage | | Product Range | |
|--------------------------------|--|--|--|
| Broodstock | LARVIVA® BROODSTOCK MAINTENANCE | | |
| Extruded pellets | Particle size: 8mm | Particle size: 8mm | |
| Live Feed | | | |
| Powder | Particle size: Powder | | |
| Larval/ Post Weaning | LARVIVA PROSTART | LARVIVA® PROWEAN | |
| Microencapsulated & granulated | Particle size: 100 - 200 - 300 - 400 μm | Particle size: 100 - 300 - 500 μm | |
| Nursery | Contraction plus M | LARVIVA® PROWEAN | LARVIVA ORBIT |
| Mini-pellets & granulated | ুজুজুজু জুজুজুজু Particle size: 0.5 - 0.8 - 1.1 mm | Particle size: 500 - 700 - 900 μm | ্র জ জ জ জ জ জ জ জ জ Particle size: 0.8 - 1.1 - 1.5 - 1.9 mm |

BioMar's Marine Hatchery Feed Range



A Wise Combination



Bactocell[®] * is the only probiotic that is approved by the European Commission for its ability to potentially reduce deformities across fish species.



B-WYSE[™] ** is a multi-strains yeast fraction that supports outer and inner barriers through an increase of mucus production, increases microvilli density and protects the gut flora of the fish due to its ability to bind to cell membranes.



B-WYSE[™] ** contributes to support the resilience of the fish against environmental and physical challenges in the farm, such as side-effects of handling or treatment.

Broodstock Feeds

LARVIVA BROODSTOCK



Specially Formulated for High Quality Egg and Larve Production and Fast Recovery after Spawning

- Combined LARVIVA Broodstock feeds completely cover the nutritional requirements of marine broodstock during reproduction cycle
- Stable and slow sinking pellets
- Allows an improved biosecurity level replacing all fresh or frozen feed traditionally given to broodstock fish
- Contains Bactocell[®]* and B-WYSE™**
- LARVIVA Broodstock Maturation is boosted with extra anti-oxidant vitamins (C & E) and arachidonic acid

| Product | Pellet Size (mm) | Packaging |
|-----------------------------------|------------------|----------------------|
| LARVIVA Broodstock Maintenance | 8 | 10 kg plastic bucket |
| LARVIVA Broodstock Maturation | 8 | 10 kg plastic bucket |

Live Feeds

LARVIVA MULTIGAIN

LARVIVA® MULTIGAIN

- Live Feed Enrichment Diet
- Complete dry formula to enrich rotifers and Artemia with all nutrients required by marine fish larvae
- Contains optimal levels and ratio of Omega-3 and -6 fatty acids
- Boosted with high levels of vitamins, key minerals, immunostimulants and phospholipids
- Contains Bactocell®*

| Product | Particle Size | Packaging |
|-------------------|---------------|------------------------|
| LARVIVA Multigain | Powder | 1 & 2.5 kg alufoil bag |

Larval / Post Weaning Feeds

LARVIVA PROSTART

LARVIVA® PROSTART Co-Feeding or Early Weaning Larval Diet

- Premium high protein larval feed with an optimised amino acid profile and micronutrients to support larval growth
- Produced using a low temperature microencapsulation technology for maximum retention of natural ingredients, which increases digestibility and palatability
- Specially designed for an easy spread and good buoyancy in the water • column allowing an homogeneous feeding behavior of the larvae tank population
- Contains Bactocell[®]*



LARVIVA PROWEAN

Extruded Granulates for Early Feeding of Larvae and Fry



- High protein extruded feed, based on the highest quality proteins and lipids and a minimal amount of carbohydrates
- Formulated to meet the nutritional requirements of larvae and fry to support in the production of high quality and robust fry.
- Highly attractive and digestible feed •
- Three sifting processes during production ensure dust-free feed with high • physical quality
- Contains Bactocell[®]* and B-WYSE™**

| Product | Particle Size | Packaging |
|---------------------|---------------|---------------------|
| LARVIVA ProWean 100 | 80 - 200 µm | 5 kg plastic bucket |
| LARVIVA ProWean 300 | 250 - 400 µm | 5 kg plastic bucket |
| | 100 600 um | 5 kg plastic bucket |
| LARVIVA ProWean 500 | 400 - 600 μm | 20 kg plastic bag |

Nursery Feeds

INICIO Plus & INICIO Plus M

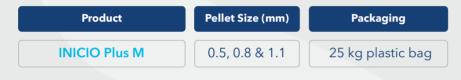
Specialised Nutrition for Small Fry



IARVIVA®

PROWFAN

- Premium extruded mini-pellets with a formulation adapted for marine fry
- Includes higher protein levels than traditional fry feed and lower fat levels targeted at preventing undesirable body fat deposition
- The combination of Bactocell[®]* and B-WYSE™** contributes to improving the performance parameters of the fry



LARVIVA PROWEAN

Extruded Granulates for Marine Fry

- Extruded high protein feed, based on the highest quality proteins and lipids and a minimal amount of carbohydrates
- Formulated to meet the nutritional requirements of marine fry
- Highly attractive and digestible feed
- Three sifting processes during production ensure dust-free feed with high physical quality
- Contains Bactocell[®]* and B-WYSE[™]**

| Product | Particle Size | Packaging |
|---------------------|---------------|---------------------|
| LARVIVA ProWean 500 | 400 - 600 µm | 5 kg plastic bucket |
| | | 20 kg plastic bag |
| LARVIVA ProWean 700 | 600 - 800 µm | 20 kg plastic bag |
| LARVIVA ProWean 900 | 800 - 1000 µm | 20 kg plastic bag |

LARVIVA ORBIT

Recirculation Feed for Marine Nurseries

larvîva ORBIT

LARVIVA ORBIT is an innovative feed concept specially designed for marine nurseries operating on RAS, a game changer when water and space are limiting factors, and a controlled environment is necessary.

LARVIVA ORBIT is the solution for maximizing efficiency, performance and profitability of marine nurseries by providing increased advantages and minimising challenges in production.

Benefits of LARVIVA ORBIT extruded pellets:

- Balanced nutrition profile
- Exceptional physical pellet quality
- Increased faeces stability and reduction of fine solids
- An optimised functional package
- Contains Bactocell[®]* and B-WYSE™**

LARVIVA ORBIT enables the farmer to:

- Optimise water quality in land-based nurseries
- Improve fish robustness
- Accelerate long term performance in RAS conditions
- Operate with a rational and efficient use of space and water
- Increase efficiency and profitability

| Product | Pellet Size (mm) | Packaging |
|---------------|---------------------|-------------------|
| LARVIVA ORBIT | 0.8, 1.1, 1.5 & 1.9 | 25 kg plastic bag |

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 fish is produced and sold by **BioMar SAS**

60 rue PG. Debouchaud, 16440 Nersac, France Tel: +33 545903500 | france@biomar.com

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