



premium freeze dried
MICRO ALGAE
nourishing the blue economy

ThalaPrime P

Premium freeze dried '*Thalassiosira pseudonana*'

ThalaPrime P is a small diatom alga with a balanced nutritional composition providing essential poly-unsaturated fatty acids, sterols, vitamins and antioxidants for the early larval stages of your aquaculture species.

ThalaPrime P is ideal to feed early zoea and mysis stages of marine shrimp larvae, and is an excellent feed for bivalve larvae from the D-shaped stage onward up to setting.

ThalaPrime P can be used together with our IsoPrime, TetraPrime, NannoPrime and/or ChaetoPrime products to compose your customized microalgae diet for optimal larval performance, either as a partial or complete replacement for live algae at the same cell counts as normally used

ThalaPrime P is the easy-to-use back-up alternative for your live *Thalassiosira pseudonana*, available off the shelf at any time.



ThalaPrime P - product leaflet

product facts

	%
Crude protein	36%
Total lipids	8%
Crude ash	37%
# cells/g	7×10^{10}
Cell size	3-5 μm

product features

- Available off the shelf, easy to use
- Single cell dispersion
- No fouling
- Guaranteed pathogen free

process, storage & shelf life

ThalaPrime P is produced under the most stringently controlled HACCP and FCA certified conditions in Proviron's proprietary, closed vertical panel photobioreactor system followed by subsequent low shear centrifugation and an optimized in-house freeze-drying process.

The product is packed under protective atmosphere in light tight aluminum bags. The shelf life is 3 years when stored in dry conditions.

product use

Pour one liter of seawater into a blender and add up to 50 g ThalaPrime P. Create a vortex first and then slowly add the ThalaPrime P. Blend during 1 min. Leave the product to rehydrate for 5 min and blend again for 1 min. Blend another 30 sec for every 10 g suspended. The homogenized feed can be stored for up to 48 hours at a maximum of 4°C. Shake before use.

Bivalve larval feeding: Start feeding ThalaPrime P from the D-shaped (16 h post hatch) onward as part of a bispecific or multispecies diet typically including a flagellate species such as IsoPrime. Typically, stock larvae at 2000 to 3000 per L and start with a total daily dose of approx. 2500 cells/larva and gradually build up to 80.000 cells/larva at setting.

Shrimp larval feeding: Start feeding ThalaPrime P from nauplius V(-VI) onward in combination with TetraPrime. Typically stock larvae at 150 nauplii per L and respectively add 100,000-120,000 cells and 30,000 cells per L.

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