



premium freeze dried
MICRO ALGAE
nourishing the blue economy

ThalaPrime W

premium freeze dried '*Thalassiosira weissflogii*'

ThalaPrime W is a larger diatom alga with a balanced nutritional composition providing essential poly-unsaturated fatty acids, sterols, vitamins and antioxidants for both broodstock and later larval stages of your aquaculture species.

ThalaPrime W is the perfect larval feed for sea cucumber, for shrimp from zoea-2 to mysis larval stages, and for broodstock, late planktonic, setting and post-set bivalve larvae (oyster, clam, scallop, etc.).

ThalaPrime W 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 W is the easy-to-use backup alternative for your live *Thalassiosira weissflogii*, available off the shelf at any time.



ThalaPrime W – product leaflet

product facts

	%
Crude protein	42%
Total lipids	8%
Crude ash	32%
# cells / g	4-6 x10 ⁹
Cell size	10-50 µm

product features

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

process, storage & shelf life

ThalaPrime W 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

Add up to 50 g ThalaPrime W per liter of seawater. ThalaPrime W will easily disperse upon gentle agitation using a magnetic stirrer. Allow to hydrate for 5 min. (If no magnetic stirrer is available, use a kitchen blender. Blend for 1 min prior and after rehydration.) The homogenized feed can be stored for up to 48 hours at a maximum of 4°C. Shake before use.

Shrimp larval feeding: From zoea-2 stage onward, start including ThalaPrime W to your larval diet (e.g. a combination of ThalaPrime P or ChaetoPrime with TetraPrime). Add the appropriate volume of the prepared suspension depending on the required number of cells/mL.

Bivalve larval feeding: From a larval size of ~120 µm onward, start including ThalaPrime W as part of a bispecific or multispecies diet typically containing a flagellate species such as IsoPrime. Add the appropriate volume of the prepared ThalaPrime W suspension depending on the required number of cells/mL. Dosing will vary according to larval densities.

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