

Saltwater Isocyrasis Care

Isocyrasis or Iso for short is one of the healthiest Micro Algae to culture. This algae is a great type of algae to use for feeding rotifers, brine shrimp, copepods, corals and other invertebrates. This algae is more difficult to culture than Nano.

Micro Algae need clean water, aeration, and fertilizer to survive. It is recommended that you feed live marine microalgae to rotifers, copepods, brine shrimp and other live foods in order to achieve the correct nutritional balance for marine fish larvae, corals or invertebrates.

Starting a Culture

- **Step 1:** Setup a container to start the culture in. I find that 1 gallon clear Rubbermaid containers or jars are the best choice.
- **Step 2:** Drill a few holes in the top of the container. Drill a hole in the middle of the cover large enough to fit a piece of rigid air tubing.
- **Step 3:** Cut a piece of rigid air tubing long enough so it stick out of the container a few inches then place that piece of rigid air tubing in the middle hold that you drilled
- **Step 4:** Pour the culture that you received into that new container you prepared.
- **Step 5:** Prepare fresh culture water (see below steps)
- **Step 6:** Fill culture container only about 1/3 with culture water. Make sure the water stays tinted med/dark orange/brown. Do not add too much culture water.
- **Step 7:** Connect air tubing to the rigid air tubing and connect an air pump so that you get about an air bubble every second.
- **Step 8:** Every few days fill up container with more culture water slowly as the culture get darker

Creating Fresh Culture Water

- **Step 1:** Contamination of cultures is a big problem. If bacteria, rotifers, copepods, brine shrimp etc. get into the culture water then the culture is ruined. To minimize the risk wash your hands, rinse all equipment with hot water and try to keep a separate bucket just for making culture water.
- **Step 2:** Fill a bucket with tap water and use a water conditioner.
- **Step 3:** Add salt until the salinity is about 1.018 or around the same salinity of your rotifer cultures.
- **Step 4:** Add the fertilizers and mix the solution and your culture water is ready to use. With Iso it is recommended you also add silicates.

Saltwater Microalgae Harvesting

Microalgae culture water is great to add to your tank or use to feed rotifers, copepods, brine shrimp and other live foods. As long as you have a nice dark culture the culture water itself is fine to add straight to your tank. You do not need to strain the water or anything.

Tips

- You will need to harvest or restart the algae culture every 1 to 2 weeks.
- Only harvest algae to feed your tank when it is at its peak darkness because that is when all the fertilizer has been used up
- Keep a rotation of algae cultures in your refrigerator in a small plastic bottle. Algae can live in the refrigerator for about a month. This will help you in case something happens to your cultures.
- Don't overharvest your cultures. Leave enough so that the water is still a bright orange/brown color

Contact customerservice@homeraisedaquatics.com for additional help!

You can also purchase additional live cultures, corals, inverts, and fish by visiting www.homeraisedaquatics.com