

How to hatch and raise Fairy Shrimps

Preparation:

- A clean 4+ litre jar or small tank. Square container is good to take photo and video.
- If the container was used before, clean up with bleach and dry completely.
- An aquarium air pump is required if you want to raise more than 20 fairy shrimps per 4L.
- Food a pack of [Algae Paste](#), [Algae Powder](#), [live algae](#), or dry yeast.

Hatching:

Put the eggs into the container and fill up.

- Use bottled water or RO reverse osmosis with ADAm for best result. You can use freshwater from you aquarium as well, please check the ammonia and pH levels first.
- Dry eggs float on the surface of water. Slowly stir any floating eggs into the water.

Let the container receive enough light:

- Natural sunlight is the best option of higher hatching rates.
- Use a 100W lamp if sunlight is not provided.
- Keep the light on for up to 14hrs a day.

Keep the water temperature within range

- Fairy shrimp hatch between 10°C and 17°C
- The first hatching can appear in 8 hours under sunlight and most of them hatch out in 24 hours.
- They are around 0.2mm to 0.4mm when just hatched out.
- Use flash light when the room is dark to confirm the hatching, they will gather to the front of light when it is placed against the side of the container.

Remember the most important conditions,

- Dry eggs may float on the surface of water mix them in.
- Ensure the eggs receive enough light. Sunlight is the best.
- Keep the water temperature in the lower range after hatching.
- Keep an eye on the ammonia and pH levels (do water changes as needed)

Rinsed compost can be used as a good source of buffer and mineral.

- Much higher survival rate, healthier shrimp and easier to clean with a bare bottom tank.
- As it will help reduce the risks that come from overfeeding.

Feed shrimps with algae/ yeast daily. (Based on 20 fairy shrimps in 4L freshwater)

- Mix well 1 drop of algae paste/ powder into 100ml freshwater. Or 5gm (teaspoon) yeast to 500ml of water and slowly pour into the container until the water is discoloured. Check after a few hours put in enough food for 12 hours feed them twice a day. Its way to easy to over feed, this is how you kill them with love.
- Do not feed again if the water is still green or hazy.

Changing water is not recommended because that breaks the balance in water. However most people over feed at the start so you have to; (keep an eye on the ammonia and pH levels)

- Clean up the sides first and wait about 5 minutes.
- Drain out only the upper side and do not touch the bottom. All new eggs sink to the bottom.
- Fill up with freshwater and do not feed until water become perfectly clear.
- After changing water, wait 12 hours before adding new food.

Harvest:

After you have harvested the hatched fairy shrimp from the tank or container and moved them to another tank or feed them to fish. You can salvage all eggs laid on the bottom of the container.

Drain out all but the last 50mm of water with a hose.

Filter remaining water and base material with coffee filter, sieve or flat cloth, and wash well again.

Dry the eggs on the filter under sunlight. The dryer the eggs the higher the following hatch rate.

Once the eggs are dry, you are ready to go again.

Keep the eggs in refrigerator or freezer for longer storage.