

Gold Fish (*Carassius auratus*) Grows Gradually in a Confined Pot Maintained Carefully in all Corners of this World as Popular Hobby

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Abstract

Gold fish (*C. auratus*) from family Cypriniformes can adjust in a small confined glass and fibre container to grow gradually. Weight and Length is measured carefully to check growth. Food supplied by the caretaker depends for its growth. Artificial food available in the market (Hobby Centre) in a plastic packet, (MPDA). Small pinch of artificial food in the morning can rare 1 or two fishes in a small fibre aquarium. In the lid perforations help to enter air continuously for mixing with surface water. Need 5 - 6 hrs exposure of air bubble to combat respiration properly. Gills are sensitive for stream-lined fish as fish respire through nostrils located in head. Olfactory rosette most sensitive for fish to feel surroundings.

Keywords: *C. auratus*; Gill; Olfactory Rosette

Introduction

Gold fish (*C. auratus*) is very attractive with its 7 fins. Most attractive is caudal fin supported by fin-rays. Bony fish can adjust in fresh water. pH level is in between 7.6 - 7.9. Slightly alkaline water is suitable. One litre water required to fill the fibre aquarium. USA, Europe, India, China, Japan, Singapore, Malaysia are leading countries to maintain fishes in aquarium as hobby. Indian economy strengthens due to marketing of aquarium fishes. Kolkata in West Bengal is in first place to export aquarium fishes. All other districts get aquarium fishes from Kolkata. MPDA (Marine Fisheries Development Authority) exports aquarium fishes in all states of India. 1.6 million hobbyists like to keep aquarium in house to watch attractive marine as well as fresh water fishes.

Materials and Methods

Online purchase of fibre aquarium (Flipcart.com) small with 1 lt. water capacity holds Gold fish to watch. Pebbles are required to

Figure 1: Gold fish (*C. auratus*) living happily in a confined aquarium (Courtesy Google.com).

prepare bottom. Their excreta stores in bottom every day. Air pump supplies oxygen to keep Dissolved Oxygen level of limited water. Weekly change of water required to keep fish in a healthy environment. (Biodiversity of Marine Ornamental Fish in West Bengal: Issues of Sustainability and Livelihood Security, B.K. Mahapatra*, U.K. Sarkar** and W.S. Lakra***).

Bibliography

1. Mahapatra BK., *et al.*
2. Tropical fish (Book).
3. Ornamental Gold fish (*Carassius carassius*) reared easily at home IJFAS.

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Figure 2: My aquarium fish kept in fibre aquarium (*Carassius auratus*).

To check growth of my aquarium fish I keep my fish in a small bowl with water and place in digital weighing machine. Initial weight of that container with water is W_1 and with fish is W_2 . So, the weight of fish is $W_2 - W_1 = 10.7 - 9.5 = 1.2g$.

Length of fish is 5 cm. now.

More observation required to keep my pet fish healthy.

Conclusion

Fish need 24 hours observation. After one month growth will increase according to consumption of dried fish food [1-3].