

### Quick fix solution for ornamental fish feed preparation

Due to covid-19 lockdown ornamental fish feed is not available from the local stores. Here are some cost effective home-made recipes using the kitchen ingredients

#### Ingredients required

##### 1. Feed balls or noodles

- 2 cups Multi grain atta (carbohydrate and protein source)
- 1 cup Gram flour (protein source)
- 2 spoons Milk powder (protein source)
- 1 no. Egg (optional) (protein and lipid source)
- 10 ml Cooking oil (lipid source)
- 2 spoons Corn flour/ Maida (binder for consistency)
- 2 tablets Vit B with C / multivitamin
- 1/2 spoon Turmeric / coriander paste (for colour)
- 1/2 spoon Yeast powder (optional for immunostimulant)

#### Preparation

- Mix well and make a dough with little water
- Pack it and steam cook for 15 mins
- Cool the dough
- If there is a noodle maker press the dough into noodle forms
- Dry the noodles under sun and store in airtight container
- If not make into small balls and store in refrigerator

#### Target species/ Directions

- For bottom feeder and nibblers
- Gold fish, Koi carp, loaches, Garra, pleco
- Place the balls in a small plate and keep it on the bottom of tank or suspend the balls in a perforated small bag
- Noodles could be crushed into small pieces and fed to fishes

##### 2. Floating flakes

Ingredients same as the recipe 1

- Mix well, steam cook for 15 mins and make into liquid consistency
- Brush a thin layer of liquid on a flat plate
- Sun dry, crush into small flakes
- Store in air tight container

- For surface and mid-water feeders such as Barbs, Guppy, Gourami, Tetra
- Add small amount of flakes into water
- Feed flakes as much as they can eat within 4-5 minutes

##### 3. Protein coated vermicelli/ dahlia

- 1 packet Long wheat vermicelli / 1 cup dahlia
- 1 or 2 no. Eggs
- 2 spoons Milk powder
- 1 spoon Gram flour
- 2 spoons Corn flour
- 2 no. Vitamin tablets
- ½ spoon Turmeric

- Mix all the ingredients except vermicelli or dahlia to make a slurry
- Dip the vermicelli or dahlia into the slurry in small portions
- Spread on plate and sun dry

- For bottom feeders
- Place small amount of feed in a plate on the tank bottom
- Note: The diameter of vermicelli should be less than mouth size of fish. Choose accordingly

##### 4. Egg pudding

- 1 cup Milk
- 4 no. Eggs
- 1 spoon Corn flour
- 2 no. Vitamin tablets
- 1/2 spoon Turmeric

- Mix well in a small bowl
- Cover it and steam cook
- Take a kitchen strainer and press into small pellets

- For meat eating fishes such as oscar and discus
- Place small amount of feed in a plate on the tank bottom

Note: Fish has to be trained with any new feed, may take 3-4 days. Feed once a day and siphon 20% of water after feeding