Feeding your Tropical Fish

Approved by SPARSHOLT COLLEGE HAMPSHIRE

For more information: www.tetra.net
The importance of a good quality diet

In their natural environment, most fish consume a wide variety of foods, such as algae, plants, crustaceans, insects, and other fish. This ensures they receive a balanced diet, which needs to be replicated in captivity to keep them healthy.

Thanks to Tetra, this is easy, as every one of our foods has been carefully formulated and tested to ensure it supplies exactly the right quality and quantity of nutrients that fish need. In fact, Tetra developed the very first complete tropical food – TetraMin – over 55 years ago.

Feeding a good quality Tetra food is important because it will improve your enjoyment of your aquarium:

- It keeps the water cleaner and clearer, and makes the aquarium easier to maintain, by reducing waste production.
- It keeps the fish healthier and more colourful, by providing better quality nutrients in the correct concentrations.
- It helps to control algae, by reducing the production of dissolved nutrients.

Tetra foods are formulated and tested to minimise waste production, ensuring that the fish receive more nutrition and that the aquarium is easier to look after.
Different feeding needs

There is a wide range of fish available for tropical aquariums, many of which have different feeding needs. Generally fish tend to feed at the surface, in mid-water, or from the bottom of the aquarium. If you take a close look at your fish you can often identify their feeding preference from the position of their mouth. If it is upturned then they are surface feeders; if it is forward-facing they are mid-water feeders; and if it is downward-facing they feed from the bottom.

To ensure that all of your fish get the nutrition they need, it is important to feed foods that are appropriate for their feeding behaviour. Because of this, Tetra has foods to cater for all of your fishes’ feeding preferences.

<table>
<thead>
<tr>
<th>Shape of Mouth</th>
<th>Types of food</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upturned</td>
<td>• Flakes/Crisps</td>
</tr>
<tr>
<td>(Surface feeder)</td>
<td>• Sticks (larger fish)</td>
</tr>
<tr>
<td>Forward facing</td>
<td>• Flakes/Crisps</td>
</tr>
<tr>
<td>(Mid-water feeder)</td>
<td>• Slow-sinking Granules</td>
</tr>
<tr>
<td>Downward-facing</td>
<td>• Slow-sinking Granules</td>
</tr>
<tr>
<td>(Bottom feeder)</td>
<td>• Tablets/Wafers</td>
</tr>
</tbody>
</table>
Foods correctly formulated for tropical fish will significantly improve their health.

The main part of your fishes’ diet should be made up of a complete food such as TetraMin. Tetra’s main daily foods have been formulated to cater for the nutritional needs of a wide range of species, typically found in aquariums. They should be fed 2-3 times a day giving as much as the fish can eat within a few minutes.

All TetraMin foods contain patented ActiveFormula, to maintain a strong and healthy immune system.

Complete daily foods

**TetraMin Flakes**

For clear water and healthy fish, TetraMin contains all the vitamins and other nutrients fish need, in a highly digestible format. TetraMin is the world’s best-selling tropical fish food, and is the product of over 55 years of research and development.

**TetraMin Crisps**

For an aquarium that is even healthier and easier to care for, Crisps represent the next generation of fish foods.

Crisps offer a number of advantages over flakes:

- Even cleaner, clearer water, and reduced maintenance, thanks to a patented low-temperature extrusion process that results in less waste compared to flakes.

- Improved fish condition, due to low-temperature cooking process that preserves more vitamins and nutrients.
Feed **TetraMin Crisps** instead of **TetraMin Flakes**, as the main part of the diet.

**TetraMin Baby**

**TetraMin Baby** offers very small fish all the benefits of **TetraMin** in a finely milled particle. It contains additional proteins and energy to promote excellent growth, and is ideal for feeding to fish up to 1cm in length. After this they should be fed on crushed or whole **TetraMin Flakes** or **Crisps**.

**TetraPro Premium Daily Foods**

If you want to give your fish the very best food available, then choose **TetraPro Crisps** for their main daily diet. As well as all the benefits of **Crisp Technology**, including clearer water and healthier fish, **TetraPro** offers fish a ‘two-in-one’ food. Each **crisp** delivers a complete diet with everything your fish need, plus a concentrated additional benefit. Feed **TetraPro** instead of **TetraMin Flakes** or **TetraMin Crisps**, to provide your fish with the very best diet possible.

**TetraPro**

Premium daily food for excellent health and condition, with Energy Crisps containing a concentrated source of high quality proteins and healthy omega-3 fatty acids.

**TetraPro Colour**

Premium daily food with concentrated carotenoids to strengthen the natural colours of your fish. Improved colouration is noticeable after just two weeks feeding.

**TetraPro Vegetable**

Premium daily food with concentrated Spirulina algae and vegetable proteins, to maintain a healthy immune system. Also ideal for feeding to fish that enjoy some vegetable matter in their diet, e.g. Lake Malawi cichlids, mollies, barbs and gouramis.

**TetraPro** foods result in cleaner water, healthier fish, plus they deliver a specific concentrated benefit.
Treats for your fish

Just like all animals, fish enjoy the occasional treat to add variety to their diet. These should be fed 3-4 times a week, in place of your fishes’ normal food. With Tetra treat foods you can deliver this variety in a format that they enjoy, and that is also good for them.

**TetraTreats Tablets**

TetraTreats Tablets are made using a variety of natural foods, including Daphnia, Brine Shrimp, Gammarus, and Bloodworms. They are a nutritious treat that can be stuck onto the aquarium glass, enabling you to enjoy watching your fish feed.

**Tetra FreshDelica**

Tetra FreshDelica is a fresh, natural treat food that fish love, in a format that is convenient and easy to use.

- 3 varieties
  - Bloodworms, Daphnia, and Brine Shrimp
- Fresh, healthy treat preserved in a vitamin enriched gel.

- Convenient – does not need to be kept in the fridge or freezer, and has a long shelf life for easier storage.
- No mess – portion-sized sachets can simply be squeezed into the aquarium

Feeding time provides an ideal opportunity to observe your fish and check they are healthy.
Going on Holiday

Fish require a regular supply of food to remain in good condition, and many people worry about how to provide this when they are not at home. Fortunately, Tetra has developed a number of convenient holiday foods, to keep fish healthy until your return. Simply add the required amount before leaving, and your fish will need no additional food while you are away.

**TetraMin Holiday – for longer breaks**

A patented gel-based holiday food containing Daphnia with added vitamins and minerals. Unlike plaster-based holiday foods, it is 100% edible and will not alter the chemistry of the aquarium water. Simply put the required number of holiday blocks into your aquarium to feed fish for up to 14 days.

**TetraMin Weekend Sticks – for short breaks**

A 100% edible food that provides all of your fishes’ nutritional needs during short breaks. Unlike plaster-based holiday foods, they will not cloud the water or alter its chemistry.
Foods for different fish

To cater for the wide range of feeding preferences and behaviours found in fish, Tetra has developed a range of special tropical fish foods. These should be fed in addition to a daily food such as TetraMin, depending on what types of fish your aquarium contains.

Food for mid-water feeders
Fish that feed in mid-water prefer a sinking food. If your aquarium contains small mid-water fish, such as Tetras and Harlequins, they will benefit from slow-sinking TetraPrima Mini Granules.

For larger mid-water feeders, such as Angelfish, feed TetraPrima. These provide a larger granule which also sinks slowly through the water column. It is likely that your aquarium will contain a mixture of surface and mid-water feeders, which means you should feed a combination of a staple flake or crisp (e.g. TetraMin Crisps), and a slow-sinking granule (e.g. TetraPrima).

Food for bottom feeders
Most aquariums contain some bottom-feeding fish, such as Corydoras catfish, Clown loach, and Plecostomus catfish. These fish do not rise to the surface to feed, and therefore require a sinking food.

For active bottom-feeding fish, such as Clown loach, TetraPrima can provide a suitable diet. However, it is important to make sure that they receive enough granules, as other fish will consume them as they sink.

For most bottom-feeders, it will be necessary to feed a tablet or wafer food. These are designed to sink rapidly, and provide food in a compact format that the fish can graze on. This prevents other fish from eating it first.
**Tetra TabiMin Tablets** and **Tetra Variety Wafers** both provide a complete diet for bottom feeding fish. **Variety Wafers** are ideal for fish that are shy and not as quick to feed.

For **Plecostomus catfish** ("sucker-mouth" catfish, e.g. Ancistrus) it is important to feed a food containing vegetable ingredients. This matches their natural diet which is rich in algae. **Tetra PlecoMin** tablets are ideal for active species of Plecostomus, whilst **Tetra PlecoWafers** are perfect for shy or nocturnal individuals. **Tetra PlecoWafers** are designed to remain in-tact for a long period of time, and allow Plecostomus to graze naturally.

Sinking wafers or tablets should be used alongside other types of food. For very shy or nocturnal species, they can also be added after the lights have been turned out.

**Food for large tropical fish**

Larger tropical fish prefer a larger food type, as it is easier for them to consume. **Tetra DoroMin** provides a complete diet in stick format, for larger species such as Oscars, Tinfoil barbs, and Severums. **DoroMin** can be fed to large fish instead of a staple flake or crisp.

**The right selection**

The correct mix of foods for your fish will depend on the species you have. You will probably find that you need to feed a combination of flakes / crisps, granules, and wafers / tablets at each mealtime. This will ensure that all the fish get a balanced diet.
Part of the enjoyment of owning fish is that your aquarium is unique, as it is based on your personal choice of décor, fish and plants. When deciding what to keep in your aquarium, it is important to ensure that the fish mix well, that they are kept in the correct numbers, and that any special water chemistry requirements are met. Fortunately, this is straightforward, especially if you choose ‘community’ fishes – i.e. those that live peacefully together. Most of these fishes are also tolerant of different water conditions, meaning that they can be kept in most aquariums. When creating your community aquarium, it is important to ask your aquatics specialist for advice on suitable fish and plants, and what foods they require. In this section we give you some ideas about possible combinations and what foods are needed to keep them healthy. You can either follow these or choose your own, it’s up to you!
Community Aquarium (Asia)
Shoaling fish add life and movement to the aquarium, whilst colourful Dwarf gouramis and Siamese fighting fish provide a focal point. Kuhli loach add interest to the base of the aquarium.

Main Foods
TetraMin Flakes or Crisps.

Other Foods
TetraPrima Mini Granules
Tetra TabiMin

Treat Foods
Tetra Fresh Delica
Bloodworm, Daphnia, or Brine Shrimp

Suggested fish species

1. Zebra Danio (*Danio rario*)
   Lively shoaling fish

2. Siamese Fighting Fish (*Betta splendens*)
   Only keep one male, as two will fight

3. Dwarf Gourami (*Colisa lalia*)
   Usually bought in pairs (*male & female*)

4. Harlequin Rasbora (*Trigonostigma heteromorpha*)
   Colourful shoaling fish

5. Kuhli Loach (*Pangio kuhlii*)
   Colourful, shoaling bottom-feeding fish
Suggested fish species

1. Ram cichlid (Mikrogeophagus ramirezi)

   Colourful species with lots of character; keep in a pair

2. Angelfish (Pterophyllum scalare)

   Impressive focal point for larger aquariums; keep in small groups

3. Pristella tetra (Pristella maxillaries)

   Lively, peaceful shoaling fish

4. Royal Panaque (Panaque nigrolineatus)

   Colourful and impressive Plecostomus for larger aquariums (90cm or more)

5. Corydoras catfish (Corydoras spp.)

   Lively, shoaling bottom feeders

Community Aquarium (South America)

Most of the fish we keep originate from the tropical regions of South America. These include lively, shoaling tetras, colourful cichlids, and interesting catfish.

Main Foods

TetraMin Flakes / Crisps

Other Foods

Tetra PlecoWafers
Tetra TabiMin Tablets or Tetra Variety Wafers
TetraPrima

Treat Foods

Tetra FreshDelica Bloodworm
TetraTreats Tablets
**Discus Aquarium**

If you have some experience with community fish, and want more of a challenge, Discus are extremely impressive fish. They require softer, more acidic water, and a temperature of 27-29°C or higher. You should ask your aquatics specialist about creating the right water conditions to keep them healthy.

**Main Foods**

- TetraPro Colour
- TetraPrima

**Other Foods**

- Tetra TabiMin Tablets or Tetra Variety Wafers

**Treat Foods**

- Tetra FreshDelica
- Bloodworm

**Suggested Fish Species**

1. Discus (*Symphysodon aequifasciatus*)
   - Large, colourful cichlids for larger aquariums (120cm or more). Keep in groups.

2. Cardinal tetras (*Paracheirodon axelrodi*)
   - Small, colourful shoaling fish.

3. Blackline Penguinfish (*Thayeria boehlkei*)
   - Peaceful shoaling fish

4. Corydoras catfish (*Corydoras spp.*)
   - Lively, shoaling bottom feeders
Suggested fish species

1. Guppy (*Poecilia reticulata*)
   - Highly colourful shoaling fish, available in many forms

2. Platy (*Xiphophorus maculatus*)
   - Highly colourful shoaling fish, available in many forms

3. Black Molly (*Poecilia sphaenops*)
   - Peaceful shoaling fish

4. Swordtail (*Xiphophorus helleri*)
   - Colourful shoaling fish. Only the males have swords.

5. Corydoras catfish (*Corydoras spp.*)
   - Lively, shoaling bottom feeders

Live-bearing fish

These fish are generally peaceful, and come in a huge range of bright colours and patterns. They give birth to live young, and will often breed prolifically in an aquarium. It is important to keep more females than males (at a ratio of at least 3 to 1), or to only keep males on their own.

Main Foods

**TetraPro Vegetable** as many live-bearers are herbivorous

**TetraPro Colour** to maintain stunning colours

Other Foods

**Tetra TabiMin** or **Tetra Variety Wafers**

Treat Foods

**Tetra FreshDelica**

Bloodworms, Daphnia, or Brine Shrimp
Cichlid Aquarium
For more experienced fishkeepers, a cichlid aquarium can be very rewarding. Many of the medium to large cichlid species have lots of character, and can become real pets. It is important to seek advice on the care of individual cichlid species, as often they can only be kept singly.

Main Foods
TetraPro Colour for smaller cichlids
TetraPro Vegetable for smaller herbivorous cichlids
Tetra DoroMin for larger cichlids
Tetra PlecoWafers for larger herbivorous cichlids

Treat Foods
Tetra FreshDelica
Bloodworms

Suggested Fish Species*

1. Firemouth cichlid (*Thorichthys meeki*)
   - Colourful cichlid, keep as a pair

2. Tropheus (*Tropheus spp.*)
   - Herbivorous cichlid with interesting social behaviour, keep in large groups

3. Uaru (*Uaru amphiacanthoides*)
   - Large, colourful cichlid up to 30cm long

4. Oscar (*Astronotus ocellatus*)
   - Large cichlid with interesting character. Up to 30cm.

5. Red Oscar (*Astronotus ocellatus*)
   - Variety of Oscar

*These fish will not mix together & should be kept individually
Approved by

Sparsholt College Hampshire

www.sparsholt.ac.uk