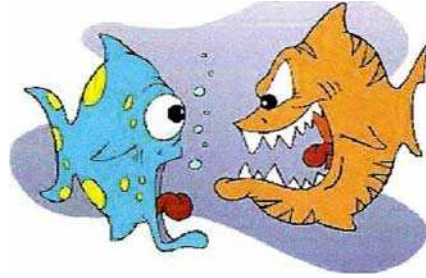


all times, but especially during warmer summer months as dissolved oxygen is more difficult to saturate the water as the water temperature rises.

#### *Harassment from other fish*



Some fish are predatory and territorial and will attack and/or eat other fish in the tank. However, mixing of some compatible fish species can work out. It is recommended in this course to stock the tank with only one type of fish species for maximum ease of management. Choosing fish food and monitoring feeding is easier if only one species is stocked in the tank.

#### *Overstocking of tank*

Overstocking results in increasing poor water quality as the fish mature. Also as the fish mature there is a much greater demand on oxygen and this will place a limit to the system's capacity to meet that need.

#### *Disturbance of the tank*

It is recommended to keep the fish tank as protected from light and noise as much as possible. Fish have been known to kill themselves by leaping against the sides or even out of the tank when disturbed by light and/or noise. A lidded tank is ideal.

#### *Lack of enough fish to provide schooling*

Fish generally feel happier in a large group where they can be close together. Schooling fish are happy fish. The tank needs to have enough fish to ensure that the fish can feel safe in their group.

## Moving plants around

Some people say that moving plants around the grow bed is fine. Others say that this puts undue stress on the plants. When the roots of a plant are disturbed they broken off in the gravel beds or the side of the walls in raft and NFT systems. This will allow for the chance for disease to occur in the plant.

Best not to move them once they are in the system. Plan ahead as to the best place to plant the different plants as to the direction of the sun, the height of the plants so you do not have to move them.