



Aquaponics (WM5)

Aquaponic systems are being regarded as a closed loop food production system.



Water containing waste products of the fish is drawn up through a pump and used to water the plants. The plants remove the nitrogen from the fish waste. The clean water then goes back into the tank.

The plants and fish chosen for the aquaponic system need to be able to tolerate changing water chemistry. Tilapia is a very tolerant fish.

Low to medium nutrient plants like lettuce and herbs will survive environmental changes in the system.

1. Why is this aquaponics system considered to be a closed loop?
2. Draw a flow diagram to show how this aquaponics system works