Aquaculture has a delicate balance between the supply of animal protein claims and the effective use of water resources. For this reason, there is a need for methods to achieve the minimum environmental impact while providing the animal protein needed by the rapidly increasing human population in the world. The earliest modern application of aquaponic cultivation, which was first commissioned in 1150 with the Aztecs, was carried out in the 1970s (1). Aquaponic systems have a great potential for sustainability on agricultural and aquaculture applications in recent years when the environmental consciousness has increased.