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5.5.4 Raceway culture; 5.6 Green-water Tank Culture; 5.7 Tilapia Culture in Recirculating Systems; 5.8 Effluent Treatment and Management; 5.8.1 Waste settlement and removal; 5.8.2 Removal of ammonia and nitrites; 5.8.3 Water discharge; 5.9 Tilapia Production in Aquaponic Systems; 5.10 Closing Remarks; 6 Nutrition and Feeding; 6.1 Introduction; 6.2 Protein Requirements; 6.3 Amino Acid Requirements; 6.4 Protein Sources; 6.4.1 Animal protein sources; 6.4.2 Plant protein sources; 6.4.3 Single-cell proteins; 6.5 Economic Evaluation of Protein Sources; 6.6 Measurement of Dietary Energy; 6.7 Dietary Lipid Requirements

Sommario/riassunto

Tilapia are sometimes known as "aquatic chicken" due to their high growth rates, adaptability to a wide range of environmental conditions, and ability to grow and reproduce in captivity and feed on low trophic levels. As a result, these fishes have become excellent candidates for aquaculture, especially in tropical and subtropical regions. Indeed, tilapia culture has been expanding rapidly, and is now practiced in more than one hundred countries worldwide.