ATTEMPTS TO REAR SALMON FRY IN RECIRCULATING AQUACULTURE SYSTEMS

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Abstract

Atlantic salmon (Salmo salar) is raised in aquaculture due to high consumer demand for fresh salmon and salmon semi-finished products. It is a healthy food due to its high content of protein and omega-3 fatty acids, being a good source of minerals and vitamins. Because salmon require special growing conditions, especially in terms of temperature, in our country there are no producers of this species. In this experiment we tried to rear, in a recirculating aquaculture system, Atlantic salmon fry to a weight of 6 g. The results of this study are encouraging regarding the growth of salmon in RAS. The weight gained and survival are comparable to those obtained in countries with experience in raising this species.

Key words: salmon, rearing, fry, recirculating system