

GROWTH AND SURVIVAL OF BABYLON SNAILS CULTURED UNDER LABORATORY CONDITION

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Hatchery produced juveniles of Babylon snail, 30 days old, with an average shell length of 1.58 mm were cultured in concrete tank of 12 m³ capacity containing unfiltered sea water with temperature from 26 to 33 °C, salinity 30 - 35 ‰, pH = 7.5 - 8.0. Fresh fish and bivalves were used for feeding. After 250 days, they had reached an average of 34.40 mm shell length, 22.30 mm shell width and 7.42 gram total weight. Growth rate of length and weight decreased during study period. Survival rate was 73.80 %. Relationship between shell length (L) and shell width (Wd) was $Wd = 0.6294 L - 0.0244$. The relationship between shell length (L) and weight was $Wt = 0.0003129009 L^3$.