

MUSSEL CULTURE BY USING DIFFERENT CULTURE METHODS & ESTIMATION OF GROWTH PARAMETERS OF *LAMELLIDENS MARGINALIS* FROM NANDED REGION, MAHARASHTRA

A. V. Suryawanshi¹ & A. N. Kulkarni²

¹Research Scholar, Department of Fishery Science, N.E.S. Science College, Nanded, Maharashtra, India

²Retired Head, Department of Fishery Science, N. E. S. Science College Nanded, Maharashtra, India

Received: 18 Feb 2019

Accepted: 25 Feb 2019

Published: 28 Feb 2019

ABSTRACT

A culture of mussels by using a different cultural systems such as basket culture, rack culture, and hanging culture. In basket culture, *Lamellidens marginalis* showed a 60% survival rate and maximum length gain percentage was 5.797 and minimum of 1.428. Maximum WG% was 8.663 and minimum of 1.102. Height gain percentage was maximum HG%= 14.841% minimum of 7.692. In rack culture *Lamellidens marginalis* showed a 60% survival rate and maximum length gain percentage was LG%= 6.153 and minimum 1.538. Maximum WG%=17.056 and minimum WG% = 1.500. Height gain percentage was maximum 11.76 % minimum of 3.030. Mortality rate was also recorded. From hanging culture *Lamellidens marginalis* showed 80% survival rate and maximum length gain percentage was 10.606 minimum 1.587. Maximum WG%=7.154 and minimum WG% 3.661. Height gain percentage was maximum 12.5 and minimum was 3.030. Survival rate was also recorded.

KEYWORDS: *Lamellidens Marginalis*, Basket Culture, Rack Culture and Hanging Culture