CULTURE OF ABALONE (*HALIOTIS ASININA*, Linnaeus, 1758.) FEEDING ON *GRACILARIA FISHERI* IN CONCRETE TANK.

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ABSTRACT

Density in Culture of abalone, *Haliotis asinina*, Linnaeus, 1758 feeding on *Gracilaria fisheri* was studied in 2 concrete tanks, of 1 x 2 x 1 m. each tank was 1,250 individuals/m². The seeds were produced by Prachuabkiriikhun Coastal Fisheries Research and Development Center Development Center. Average shell width, shell length and weight of abalone seeds were 0.61 ± 0.05 cm, 1.32 ± 0.20 cm. and 0.21 ± 0.06 g/individual, respectively. They were fed with *G. fisheri* once a day at 10% of their body weight. After 8 months, average shell width, shell length and weight were 1.46 ± 0.03 cm, 2.70 ± 0.12 cm and 4.66 ± 0.49 g/individual, growth rate, width, length, weight were 0.003 ± 0, 0.005 ± 0.0007 cm/day ,0.017 ± 0.002 g/individual, respectively. Their average survival rate was 95.50 ± 3.54 %

**Key words**: *Haliotis asinina*, Linnaeus, 1758; *Gracilaria fisheri*, Concrete tank.