

Survey of production per area of *Fenneropenaeus*(*Penaeus*)*merguiensis* and *F. indicus* in Hormozgan province

Abstract :

This project was conducted to survey production per hectare and other growth index of *fenneropenaeus merguinsis* and *F. indicus* in zar abzy fram in earthen ponds of Tiab area Hormozgan province.

In this research for obtain aims used with two treatment and 3 replication. Postlarvae were stocked at density 20 ind/m².

Shrimp were fed by imported pellet on the basis of standard feeding table. In order to obtain the growth rate and calculation of daily feeding shrimp become biometry twice a month. Some of the physico chemical factor such and pH , dissolved oxygen and salinity were measured twice a month too.

The results showed that mean weight of *fenneropenaeus merguinsis* were about 16.76 gr with mean daily growth 0.013 gr/day and for *F. indicus* obtain about 11.44 gr with mean daily growth 0.09 gr / day too.

The results showed that mean F.C.R and survival rate in treatment 1 and 2 obtain 4.1 and 10 percent 1.7 and 64 percent respectively.

The results showed that propagation of *F.merguinsis* is feasible and it can a culture species if suitable food is available.

Key words

Final production – *Fenneropenaeus indicus* – *F. merguinsis* – south Tiab area- Hormozgan province.