

CHANTANA THANASAWANGKUL : COST AND RETURN ON INVESTMENT  
OF GIANT TIGER PRAWN FARMING. THESIS ADVISOR : MR.NIPHON  
HAEMAPRASIT, ASST. PROF. BOONSERM VIMUKTANADANA, 222 PP.

The objective of this thesis is to study the cost and return on investment of Giant Tiger prawn farming for the feasibility size of farm to invest. The operations of three different size farms were analyzed: the small-sized farm ranging between 1-15 rais, the medium-sized ranging between 16 -30 rais and the large-sized ranging between 31 -70 rais. The survey data were collected from the entrepreneurs of intensive farming located around the gulf of Siam.

According to the result of the study, the most important cost is prawn-feeding, about 60% of the total production cost. The surviving rate of prawns affects the cost and return on investment of Giant Tiger prawn farming if there is no problem of pricing and quality of prawn on selling day.

Regarding the return on investment, the medium-sized farms averaging 18.29 rais gave the highest return on investment. Therefore, the return on investment of Giant Tiger prawn farming does not vary with the size of farm but varies with the surviving rate of prawns and the good efficiency of farm management to effect control on production cost.

The problem of Giant Tiger prawn farming is marketing problem. The entrepreneurs, government and relevant business entities should build the equilibrium market between the buyer and the seller by producing good quality product at fair price and developing product for export in the foreign markets.