THE COMPARISON BETWEEN WILD TYPE AND THIRD FILIAL GENERATION OF THE CULTURE BANANA SHRIMP (*Penaeus merguiensis* De Man)

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**ABSTRACT**

Two groups of shrimp (F3 and wild type of Banana shrimp) were cultured in 800 m² earthern pond with the density of fifty shrimp/ m². The shrimp were fed with commercial pelleted for *P. monodon*. The experiment started at P-15 stage of Banana shrimp, were fry of spawner F2 (280 days), the average weight and length were 0.04±0.01 gm. and 0.87±0.21 cm. The wild type of Banana shrimp, producing from the wild-caught spawners along the coast of Krabi Province, the average weight and length were 0.01±0.00 gm. and 0.78±0.10 cm. After 4 months culture period, size of F3 and wild type shrimp were 0.09±0.03 and 0.09±0.00 gm./day in weight, 0.08±0.01 and 0.08±0.00 cm./day in length, 80.01±8.97 and 55.65±15.36 % in survival rate, and the feed conversion ratio(FCR) were 3.02±1.24 and 2.43±0.27, respectively. Comparison on statistical analysis between two group, there were no significant difference in weight, length, survival rate and feed conversion ratio.

**Key words:** Culture, Banana shrimp, Third Filial generation