

# EFFECTS OF FEEDING FREQUENCY, FEEDING TIME ON GROWTH AND FEED UTILIZATION OF PANGASIUS (*Pangasianodon hypophthalmus*)

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## Summary

Effects of feeding frequency and feeding time on survival rate, growth performance and feed conversion ratio was studied on *Pangasianodon hypophthalmus*, with initial size of approximately 20 g/fish in the 6 m<sup>2</sup> hapas, at the stocking density of 50 fish/ m<sup>2</sup>, for a period of 6 months. Feeding frequency (time/day) in four experimental formulas were 5, 3, 2 (NT1); 5, 3, 1 (NT2); 3, 3, 1 (NT3) and feeding continuous (NT4). Feeding time corresponding to feeding frequency: 5 times (5 h, 8 h, 11 h, 14 h, 17 h), 3 times (5 h, 11 h, 17 h), 2 times (8 h, 17 h), 1 time (8 h) and 24 hour continuous feeding. Each experiment was repeated 3 times and the fish were fed to satiation. The feeding frequency and feeding time did not affect the survival rate of *Pangasianodon hypophthalmus* but had a significant effect on growth performance SGR and feed conversion ratio (FCR). Continuous feeding had the highest FCR (2.01), followed by NT2 (1.90) and NT3 (1.92). The smallest FCR was for NT1 (FCR = 1.82). The feeding frequency and feeding time in NT1 gave the highest growth rate (2.2%) and the lowest feed FCR (1.82). Continuous feeding reduces growth performance and increases feed conversion ratio in pangasius.

**Keywords:** *Feeding frequency, feeding time, growth, feed conversion ratio, pangasius*