ABSTRACT

ANALYSIS OF GROWTH AND SURVIVAL RATE BAGRID CATFISH LARVAE (*Mystus nemurus*) WITH DIFFERENT OF EARLY FEED

By

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One of problem in the maintenance early bagrid catfish larvae is type of early feed. Usually it caused low on the growth and survival rate in larvae rearing. A twenty eight days experiment was conducted in aquarium to analyze the growth and survival rate of bagrid catfish larvae. Fed on suspense chicken yolk egg, daphnia, and silk worm followed by combine of them and fed. The ingredients were supplied at the add satiation of larvae five a day. Three hundred twenty larvae were randomize complete block design. In each aquarium which blocks are 7, 14, 21, and 28 days larva rearing. The analyze of varian shows that type of feeds and block of day are given significant different for absolute growth weight and survival rate ($P<0.05$) and not significant different for absolute growth length ($P>0.05$). The bagrid catfish larvae gained highest absolute growth weight and absolute growth length on silk worm treatment 166,67 mg;6.95 mm, followed by daphnia 157,34;4.67 mm, and suspense chicken yolk egg 81,70 m;0.90 mm. Survival rate calculated for three treatments was highest for Daphnia 81.77 %, followed by silk worm 68.63 %, and suspense chicken yolk egg 25 %.

Key words : Feed, bagrid catfish larvae, growth, survival rate.