

Efisiensi pemberian pakan artemia pada produksi massal benih ikan Golden Trevally, *Gnathanodon Speciosus* (Forsskall)

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=131660&lokasi=lokal>

Abstrak

The purpose of the present study is to know efficiency of mass seed production golden travelly fish fry (*Gnathanodon speciosus* forskall). The larval rearing were conducted using concrete tanks which have volumes of 6 m³, density of larvae 10 pc/l. The larvae were reared for 30-35 days with plankton, rotifer, artemia nauplii, mysid shrip, and artificial feed as feed. Water exchange started with 20% of total volume of sea water, and then increased up to 50-80%. Sampling of larvae were conducted every 5 days, to measure of survival rate (SR) total length (TL) and body weight (BW) tanks were siphoned every 2 days. At D30, larvae were harvested and graded. Four different of naupli density were used as treatments, i.e.: (a)0,4 ind/ml,(b) 0.3 ind/ml;(c)0.2 ind/ml,and(d) 0.1 ind/ml use on three replicates. The result of the experiment showed that the best average survival rate (SR) growth were reached at 0.2-0.4 ind/ml around 16.25 - 17,02 %, and total lengh 16,52 -17.31 mm, weight 0.095 - 0.118 g so that efficiency of seed productions were on 0.2 ind/ml,0.3 ind/ml and 0.4 ind/ml respictively. SR and growth were significantly difference among treatments ($P<0.0.0\%$).