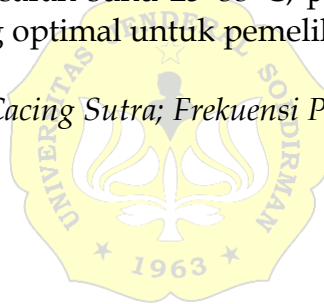


ABSTRAK

Pakan merupakan faktor penting yang mempengaruhi produktivitas dan pertumbuhan ikan. *Tubifex* sp. digunakan sebagai pakan alami karena mengandung nutrisi tinggi, yaitu protein 57% dan lemak 13,3. Tujuan dari penelitian ini yaitu mengetahui pengaruh frekuensi pemberian pakan cacing sutra terhadap pertumbuhan dan kelangsungan hidup benih ikan Patin Pustina (*Pangasianodon hypophthalmus*). Penelitian menggunakan rancangan acak lengkap (RAL) berupa 3 perlakuan dan 3 ulangan secara *ad satiation*. Perlakuan adalah frekuensi pemberian pakan 2 kali (P1), frekuensi pemberian pakan 3 kali (P2), frekuensi pemberian pakan 4 kali (P3). Hasil penelitian menunjukkan pemberian pakan cacing sutra (*Tubifex* sp.) dengan frekuensi berbeda secara *ad satiation* pada ikan Patin Pustina (*Pangasianodon hypophthalmus*) tidak memberikan pengaruh yang signifikan ($P>0,05$) terhadap pertumbuhan dan kelangsungan hidup benih ikan Patin dengan pertumbuhan panjang mutlak berkisar 2.02 ± 0.14 cm/individu, pertumbuhan berat mutlak berkisar $0,34\pm0,02$ g/individu, SGR berkisar $2.43\pm0.13\%$ /hari, dan SR berkisar $87,78\pm10,52\%$. Kualitas air berada pada kisaran suhu $25-33^{\circ}\text{C}$, pH 7,92-9,18, dan DO 5,1-5,6 mg/L yang masih tergolong optimal untuk pemeliharaan ikan patin.

Kata kunci : *Patin Pustina; Cacing Sutra; Frekuensi Pemberian Pakan; Pertumbuhan; Kelangsungan Hidup*



ABSTRACT

Feed is an important factor that affects the productivity and growth of fish. *Tubifex* sp. is used as natural feed because it contains high nutrition, namely 57% protein and 13.3% fat. The purpose of this study was to determine the effect of silkworm feeding frequency on the growth and survival of Pustina Catfish (*Pangasianodon hypophthalmus*) seeds. The study used a completely randomized design (CRD) in the form of 3 treatments and 3 replications with ad satiation. The treatments were feeding frequency 2 times (P1), feeding frequency 3 times (P2), and feeding frequency 4 times (P3). The results of the study showed that feeding silkworms (*Tubifex* sp.) with different frequencies ad satiation to Pustina catfish (*Pangasianodon hypophthalmus*) did not have a significant effect ($P>0.05$) on the growth and survival of catfish seeds with absolute length growth ranging from 2.02 ± 0.14 cm/individual, absolute weight growth ranging from 0.34 ± 0.02 g/individual, SGR ranging from $2.43\pm0.13\%$ /day, and SR ranging from $87.78\pm10.52\%$. Water quality was in the range of temperature 25–33°C, pH 7.92–9.18, and DO 5.1–5.6 mg/L which were still considered optimal for catfish maintenance.

Keywords: *Pangasianodon hypophthalmus*; *Tubifex* sp; Feeding Frequency; Growth; Survival rate

