

## **Intisari**

### **ANALISIS TEKNIS DAN USAHA PEMBESARAN LELE (*Clarias* sp.) DENGAN SISTEM KOCOR DI POKDAKAN MINA BANYU WIYOSO BANTUL**

Penelitian ini dilakukan untuk mengetahui teknis dan usaha pembesaran ikan lele dengan sistem kocor di Pokdakan Mina Banyu Wiyoso. Penelitian dilakukan menggunakan metode deskriptif, dengan data penelitian diambil dari 8 kolam. Ciri khas kolam di Mina Banyu Wiyoso yaitu menggunakan kolam bulat dengan diameter 3 m x tinggi 1 m, total benih 5.000 ekor, aliran air digunakan saat benih berumur 1 minggu dan bertambah setiap minggu, pergantian air dilakukan sebanyak 1-8 kali dalam sehari, dan membutuhkan air melimpah. Hasil penelitian menghasilkan rerata produktivitas  $74,82 \pm 8,38$  kg/m<sup>2</sup>/siklus, rerata SR  $93 \pm 0,05\%$ , rerata SGR parsial I, II dan panen total sebesar  $5,75 \pm 0,06\%$ ,  $5,13 \pm 0,28\%$ , dan  $6,27 \pm 0,09\%$ , serta rerata FCR  $0,95 \pm 0,04$ . Kualitas air pada kolam penelitian dengan parameter DO, pH, bahan organik, dan kecerah sudah sesuai dengan standar. Total bakteri selama penelitian tidak signifikan yang berkisar 4,81-6,04 log CFU/mL untuk total bakteri umum, sedangkan untuk bakteri *Aeromonas* spp. dan *Pseudomonas* spp. berkisar 4,58-6,19 log CFU/m. Nilai rerata rasio R/C pada kolam yaitu 1,25. Kegiatan budidaya di Pokdakan Mina Banyu Wiyoso menghasilkan keuntungan.

Kata kunci : Budidaya, kualitas air, lele, teknis, usaha

## **Abstract**

### **TECHNICAL AND BUSINESS ANALYSIS OF CATFISH (*Clarias* sp.) GROWTH OUT UNDER FLOW THROUGH WATER SYSTEM IN MINA BANYU WIYOSO FISH FARMER GROUP BANTUL**

This research aims to determine the technical and business of catfish growth out under flow through water system in Pokdakan Mina Banyu Wiyoso. This research was conducted using a descriptive method, with data were collected from 8 ponds. The characteristic of the ponds at Mina Banyu Wiyoso is that it uses a round pond with a diameter of 3 m x 1 m high, a total of 5,000 stocks, the under flow through water system starts from the fish stocks are 1 week old and increases every week, water changes are carried out 1-8 times a day, and which requires abundant water. The result shows an average productivity of  $74,82 \pm 8,38$  kg/m<sup>2</sup>/cycle, an average SR of  $93 \pm 0,05\%$ , an average 1st partial, 2nd partial, and total SGR of  $5,75 \pm 0,06\%$ ,  $5,13 \pm 0,28\%$ , and  $6,27 \pm 0,09\%$ , as well as an average FCR of  $0,95 \pm 0,04$ . Water quality in the research pond with the parameters DO, pH, organic matter and brightness is in accordance with standards. Total bacteria during the study were not significant, ranging from 4,81-6,04 log CFU/mL for total general bacteria, while *Aeromonas* spp. and *Pseudomonas* spp. ranging from 4,58-6,19 log CFU/mL. The average value of the R/C ratio in the pond is 1,25. Catfish farming at Pokdakan Mina Banyu Wiyoso can make profits.

**Keywords:** Business, catfish, cultivation, technical, water quality