

Intisari

PENGARUH PADAT TEBAR TERHADAP PERFORMA PRODUKSI LELE (*ClariaS sp.*) PADA BUDIDAYA TERPADU DENGAN BAWANG MERAH

Penelitian ini bertujuan untuk mengetahui pengaruh padat tebar terhadap sintasan, pertumbuhan, dan produksi lele pada budidaya terpadu dengan bawang merah. Benih lele yang digunakan berukuran 7-9 cm dengan padat tebar 50, 75, 100, dan 125 ekor/m³. Pemeliharaan lele berlangsung selama 2 bulan. Selama pemeliharaan, lele diberikan pakan dengan dosis 3% dan frekuensi 2 kali pada pagi dan sore hari. Hasil penelitian menunjukkan bahwa padat tebar tidak memberikan pengaruh nyata terhadap sintasan lele. Secara keseluruhan sintasan berkisar 77,25-80,49%. Padat tebar berpengaruh nyata terhadap pertumbuhan dan produksi lele. Pertumbuhan terbaik diperoleh pada padat tebar 50 ekor/m³, sementara produksi dan FCR terbaik diperoleh pada padat tebar 125 ekor/m³.

Kata kunci: pertumbuhan, sintasan, FCR

Abstract

THE EFFECT OF STOCKING DENSITY ON THE PRODUCTION PERFORMANCE OF CATFISH (*CLARIAS SP.*) IN INTEGRATED FARMING WITH SHALLOTS

This research aims to determine the effect of stocking density on survival, growth and production of catfish in integrated farming with shallots. The catfish seeds used were 7-9 cm in size with stocking densities of 50, 75, 100 and 125 fish/m³. Catfish rearing lasts for 2 months. During maintenance, catfish are given food at a dose of 3% and a frequency of 2 times in the morning and evening. The results of the study showed that stocking density did not have a real effect on catfish survival. Overall survival ranges from 77,25-80,49%. Stocking density has a significant effect on the growth and production of catfish. The best growth was obtained at a stocking density of 50 individuals/m³, while the best production and FCR were obtained at a stocking density of 125 individuals/m³.

Keyword: FCR, growth, survival rate