

ABSTRAK

Usaha pembenihan ikan diperlukan untuk mendukung peningkatan usaha produksi ikan. Tujuan penelitian ini adalah untuk menghitung: (1) keuntungan usahatani benih ikan lele dumbo antar skala luas kolam di Kecamatan Rambipuji Kabupaten Jember, (2) efisiensi biaya usahatani benih ikan lele dumbo antar skala di Kecamatan Rambipuji Kabupaten Jember, dan (3) mengetahui faktor-faktor yang berpengaruh terhadap tingkat produksi usahatani benih ikan lele dumbo di Kecamatan Rambipuji Kabupaten Jember. Penelitian ini adalah penelitian deskriptif, metode survei dan metode komparatif. Metode analisis data (1) analisis keuntungan dengan formulasi $\pi = TR - TC$ dan uji t-2 arah untuk membandingkan antar skala usaha, (2) analisis R/C-Ratio untuk mengukur efisiensi biaya dan uji t-2 arah untuk membandingkan antar skala usaha, (3) analisis linier berganda untuk mengetahui faktor-faktor yang mempengaruhi produksi. Hasil penelitian adalah (1) ada perbedaan keuntungan antara skala usaha lahan sempit dan skala usaha lahan luas. Perbedaan secara statistik signifikan pada taraf uji kepercayaan 99%. Skala luas lebih tinggi memperoleh keuntungan, dibandingkan skala sempit. Keuntungan skala sempit Rp. 190.548/10m²/produksi, sedangkan keuntungan skala luas Rp. 628.467/10m²/produksi, jadi rata-rata tingkat perbedaan keuntungan Rp. 437.367/10m²/produksi. (2) ada perbedaan efisiensi biaya benih ikan lele dumbo antara skala lahan sempit dan skala lahan luas. Perbedaan secara statistik signifikan pada taraf uji kepercayaan 99%. R/C rasio lahan sempit yaitu sebesar 1,156 sedangkan lahan luas sebesar 1,491 dengan perbedaan rata-rata sebesar 0,335. (3) Produksi benih ikan lele dumbo di Kecamatan Rambipuji dipengaruhi negatif dan nyata pada tingkat kepercayaan 90% oleh jumlah indukan, dipengaruhi positif dan nyata pada tingkat kepercayaan 99% oleh jumlah pakan, dipengaruhi positif tetapi tidak nyata pada tingkat kepercayaan 90% oleh faktor jumlah tenaga kerja dan luas lahan.

Kata Kunci: keuntungan, efisiensi, benih ikan lele.

ABSTRACT

Fish hatchery business was needed to support increased fish production business. The purpose of this study was to calculate (1) the profits of dumbo catfish seed farming between the pond scale in Rambipuji District, Jember Regency, (2) the cost efficiency of dumbo catfish seed farming between the scales in Rambipuji District, Jember Regency, and (3) know the factors -factors that influence the level of production of African catfish seed farming in Rambipuji District, Jember Regency. This research was descriptive research, used survey and comparative method. Data analysis method here (1) profit analysis with formulation $\pi = TR - TC$ and t-2 tail test to compare between two business scales, (2) R/C-Ratio analysis to measure cost efficiency and t-2 tail test to compare between scales business, and (3) multiple linear regresion to determine the factors that influence production. The results of the study were (1) there was differences in profits between the scale of the business, and the difference was statistically significant at the 99% confidence level. Big scale got larger profit, it was Rp 628,467/10m²/production, whele small got Rp 190,548/10m²/production, so the average rate of difference in profits is Rp. 437,367/10m²/production. (2) there were differences in the cost efficiency of dumbo catfish seeds between the scale of the business, and the difference was statistically significant at the 99% confidence level. the small land and the scale of the vast land. The small land R / C ratio was 1.156 while the big land was 1.491 and average difference was 0.335. (3) production of dumbo catfish seeds in Rambipuji Subdistrict was negatively and significantly affected at the 90% confidence level by the number of broodstock, positively and significantly affected at the 99% confidence level by the amount of feed, positively affected but not real at the 90% confidence level labor and land area.

Keywords: Advantages, Efficiency, Seed of dumbo catfish.