

ABSTRAK

KAJIAN EVALUASI KELAYAKAN USAHA BUDIDAYA UDANG VANAME (*Litopenaeus vannamei*) DENGAN DUA JENIS PERMODALAN DI KAWASAN PERTAMBAKAN BUMI DIPASENA KECAMATAN RAWAJITU TIMUR KABUPATEN TULANG BAWANG

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Penelitian bertujuan untuk mengetahui evaluasi kelayakan finansial dan sensitivitas usaha budidaya udang vanname di Kawasan Pertambakan Bumi Dipasena Kecamatan Rawajitu Timur pada dua jenis permodalan, yaitu permodalan mandiri dan pinjam. Penelitian dilaksanakan di Kawasan Pertambakan Bumi Dipasena Kecamatan Rawajitu Timur pada bulan April – Mei 2024. Total biaya usaha budidaya udang vaname sebesar Rp43.854.423 pada modal mandiri dan Rp51.403.175 pada modal pinjam dengan keuntungan usaha sebesar Rp18.684.627 pada modal mandiri dan Rp8.003.925 pada modal pinjam selama 3 periode panen dalam satu tahun tanpa memperhitungkan Upah Tenaga Kerja. Berdasarkan hasil perhitungan *Net Present Value* (NPV), B/C Rasio, R/C Rasio, *Internal Rate of Return* (IRR), dan *Payback Period* (PP) pada kedua jenis permodalan, usaha tersebut tergolong layak namun nilai keuntungan hanya untuk mencukupi kebutuhan pokok keluarga dan pengembalian biaya investasi tidak dapat tercukupi. Analisis sensitivitas menunjukkan usaha dengan kedua jenis permodalan tersebut sensitif terhadap perubahan kondisi, dalam hal ini kenaikan biaya operasional 2,75% dan penurunan produksi 10%.

Kata Kunci:

Kelayakan usaha, Sensitivitas, Budidaya udang vaname

ABSTRACT

FEASIBILITY EVALUATION STUDY OF VANAME SHRIMP CULTIVATION BUSINESS (*Litopenaeus vannamei*) WITH TWO TYPES OF CAPITAL IN DIPASENA, EAST RAWAJITU DISTRICT, TULANG BAWANG REGENCY

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The research aims to determine the evaluation of the financial feasibility and sensitivity of the vannamei shrimp cultivation business in the Dipasena Earth Farming Area, East Rawajitu District on two types of capital, namely independent and borrowed capital. The research was carried out in the Dipasena Earth Farming Area, East Rawajitu District in April - May 2024. The total cost of the vaname shrimp cultivation business was IDR 43,854,423 in independent capital and IDR 51,403,175 in borrowed capital with business profits of IDR 18,684,627 in independent capital and IDR 8.003,925 in borrowed capital for 3 harvest periods in one year without taking into account labor wages. Based on the calculation results *Net Present Value* (NPV), B/C Ratio, R/C Ratio, *Internal Rate of Return* (IRR), and *Payback Period* (PP) in both types of capital, the business is classified as feasible but the profit value is only to meet the basic needs of the family and the return on investment costs cannot be met. Sensitivity analysis shows that businesses with both types of capital are sensitive to changes in conditions, in this case an increase in operational costs of 2.75% and a decrease in production of 10%.

Keywords:

Business feasibility, sensitivity, cultivating vaname shrimp