

**EVALUASI KELAYAKAN PROYEK *BIO-INTEGRETEDFARMING SYSTEM ( AQUAPONIK ) O-FARM PADA PROGRAM PWMP ( PENUMBUHAN WIRAUSAHA MUDA PERTANIAN )* ( Studi Kasus Program Kementerian Pertanian Bekerjasama Dengan STPP dan UGM )**

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**ABSTRAK**

Penelitian ini bertujuan untuk: 1) Menganalisis proyek *Bio-Integreted Farming System* (Aquaponik) pada program PWMP (Penumbuhan Wirausaha Muda Pertanian) layak diusahakan ditinjau dari nilai *Net Present Value* (NPV). 2) Menganalisis proyek *Bio-Integreted Farming System* (Aquaponik) pada program PWMP (Penumbuhan Wirausaha Muda Pertanian) layak diusahakan ditinjau dari nilai *Internal Rate Of Return* (IRR). 3) Menganalisis proyek *Bio-Integreted Farming System* (Aquaponik) pada program PWMP (Penumbuhan Wirausaha Muda Pertanian) layak diusahakan ditinjau dari nilai *Discounted Payback Periode* (DPP). Penelitian ini meliputi metode penelitian deskriptif, metode pelaksanaan studi kasus. Data yang digunakan dalam penelitian yaitu data primer berupa data fisik dan data sekunder berupa data dokumenter. Teknik pengumpulan data yang digunakan adalah wawancara, studi pustaka, observasi, dan pencatatan. Teknik analisis yang digunakan adalah aspek finansial (NPV, IRR, dan DPP). Hasil penelitian menunjukkan bahwa nilai *Net Present Value* (NPV) pada usaha O-Farm sebesar Rp. 17.103.147,40, *Internal rate of return* (IRR) usaha O-Farm sebesar 198 %, dan *Discounted Payback Periode* (DPP) usaha O-Farm 7,4 Bulan atau 7 Bulan 12 Hari.

Kata Kunci : *Net Present Value (NPV), Internal rate Of Return (IRR), Discounted Payback Periode (DPP), Aquaponik, Evaluasi Kelayakan Proyek, Aspek Finansial.*

**THE EVALUATION OF FEASIBILITY PROJECT OF THE BIO-  
INTEGRETED FARMING SYSTEM (AQUAPONIC) O-FARM  
IN PWMP PROGRAM (DEVELOPING OF YOUNG  
AGRICULTURAL ENTREPRENEURS)  
(The Ministry Of Agricultural Program Case Study In Collaboration  
With STPP And UGM )**

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**ABSTRACT**

This study aims to: 1) Analyze the Bio-Integreted Farming System (Aquaponics) project in the PWMP (Developing Of Young Agricultural Entrepreneurs) program that is feasible in terms of Net Present Value (NPV). 2) Analyze the Bio-Integreted Farming System (Aquaponics) project in the PWMP ((Developing Of Young Agricultural Entrepreneurs) program is feasible in terms of the value of Internal Rate Of Return (IRR). 3) Analyze the Bio-Integreted Farming System (Aquaponics) project in the PWMP (Developing Of Young Agricultural Entrepreneurs) program is feasible in terms of the value of the Discounted Payback Period (DPP). This study includes descriptive research methods, methods of implementing case studies. The data used in the study are primary data in the form of physical data and secondary data in the form of documentary data. Data collection techniques used are interviews, literature studies, observation, and recording. The result of the study show that the Net Present Value (NPV) in O-Farm businesses amounting to Rp. 17.103.147,40, the O-Farm business Internal Rate Of Return (IRR) was 198 %, and Discounted Payback Periode (DPP) was O-Farm 7,4 months or 7 months 12 days.

Keywords : Net Present Value (NPV), Internal Rate Of Return (IRR), Discounted Payback Period (DPP), Aquaponics, Evaluation Of Project Feasibility, Financial Aspects.