

ABSTRACT

DALIK MULDAD NURHAMDAJANI, 2026. *Feasibility of Hydroponic Melon Farming With Drip Irrigation System (Case Study in Baregebeg District, Ciamis Regency)*. Under the guidance of H. DEDI HERDIANSAH SUJAYA and RIAN KURNIA.

This research is motivated by the large number of melon farming businesses using hydroponic drip irrigation systems, but farmers still have difficulty in conducting farming analysis so they are less aware of the feasibility of the farming business. This study aims to determine the costs, revenues, and income of hydroponic melon businesses with drip irrigation systems and the feasibility of hydroponic melon businesses with drip irrigation systems. This study uses a quantitative descriptive method to obtain information about the analysis of hydroponic melon businesses with drip irrigation systems. The data used are primary and secondary data. The analysis used is descriptive analysis of questionnaire results. The results of this study indicate that: 1) The average total cost of hydroponic melon businesses using drip irrigation systems in one production process owned by Mr. Hilman Firmanudin as respondent 1 is Rp. 12,560,771 while that of Mr. Darif Haidarifan as respondent 2 is Rp. 38,618,507, with total revenue in one production process owned by Mr. Hilman Firmanudin is Rp. 31,500,000 while that of Mr. Darif Haidarifan is Rp. 105,000,000. And the income of the hydroponic melon business using the drip irrigation system owned by Mr. Hilman Firmanudin is Rp. 18,939,229 while that of Mr. Darif Haidarifan is Rp. 66,381,493. 2) The average R/C value of the hydroponic melon business using the drip irrigation system is 2.50 owned by Mr. Hilman Firmanudin and R/C 2.71 owned by Mr. Darif Haidarifan. With the R/C value of the two respondents who own hydroponic melon farming businesses with irrigation systems in Baregebeg District both have an R/C value of more than 1 (one), then the hydroponic melon business using the drip irrigation system in Baregebeg District is feasible to run.

Keywords: *Business Analysis, hydroponic melon, drip irrigation system.*