ABSTRACT

MANAGEMENT DIVERSION IN GREEN CIRCLE WITH A HYDROPONIC SYSTEM

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The research on the performance of green curly lettuce farming using the hydroponic system was carried out in Gunung Koneng village, Cilembang sub-district, Cihideung sub-district, Tasikmalaya city. The purpose of this study was to determine the performance of green curly lettuce farming with the hydroponic system as well as to find out when the farm reached breakeven and to determine the feasibility of green curly lettuce farming with the hydroponic system. The research method used in this research is the case study method. Data obtained by interviewing selected respondents namely farm owners.
Respondents in green curly lettuce farming with a hydroponic system in Cilembang Sub-district in conducting their farming the respondents used 2 different hydroponic systems namely the Floating Raft hydroponic system and also the NFT hydroponic system. From the two different hydroponic systems, this sahatani can produce about 390 kg of green curly lettuce in one production. The results showed that the calculation of BEP revenue was Rp. 1,703,615.58, while the BEP for production was 106.48 kg and the BEP Price was Rp. 9.515,80/kg. The value of the R/C Ratio obtained is 1.68, thus green curly lettuce farming with a hydroponic system in Cilembang Village is profitable and feasible to cultivate.

Keywords: Green curly lettuce, Performance, BEP, Feasibility