



Turmeric Cultivation in Polavakkalipalayam Panchayat: A Study on Costs and Returns

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ABSTRACT

This study was on cost and returns analysis in major turmeric production area in of Polavakkalipalayam Panchayat, Gobichettipalayam Taluk, Erode District, Tamil Nadu. Specifically, the study described the socioeconomic characteristics of turmeric farmers, estimated costs and returns from production and examined socioeconomic factors affecting turmeric production in the area. The sample farmers in this revenue village were randomly selected from the list of framers in the revenue village. The random sampling technique was employed to obtained primary data from fifty respondents (50) with the aid of a well-structured questionnaire. Conventional percentage method, average method, standard deviation, co-efficient of variation and analysis of variance were employed for the analysis of cost and returns data. The study revealed that turmeric production in the area was heavy expenditure on seed rhizomes, fertilizer application, manure rhizomes, pest control and irrigation. After harvest cultivation activities consume a significant part of the expenditure incurred towards turmeric production. Age, land holding size, family income were the not significant factors that affected cost of turmeric production in the study area, however showed significant variation in the returns and net returns received by the turmeric farmers. The study recommended that the popularization of inter cropping in turmeric culture of weeds which may lead to cost saving in weeding.

Keywords: Cost, Return, Turmeric, Farmers, Land.