ABSTRACT

ANALYSIS AGROFORESTRY SUSTAINABILITY BASED OF CACAO IN GEDONG TATAAN SUBDISTRICT OF PESAWARAN REGENCY

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The objectives purpose of this research are to analyze level of farmer participation in group activities in Gedong Tataan Subdistrict of Pesawaran, to analyze farmers income of agroforestry based cacao and non agroforestry based cacao in Gedong Tataan Subdistrict of Pesawaran, and to analyze economic and environmental benefits of agroforestry and non agroforestry in Gedong Tataan Subdistrict of Pesawaran. This research was conducted in July 2014 until April 2015. This research use primary data collected directly by interviewing 75 farmers in Gedong Tataan Subdistrict of Pesawaran. The methods of data analysis used in this research was descriptive, qualitative and quantitative analysis. This research also use secondary data collected from government agencies, primate sectors, etc. Analysis participant use scale of Likert, analysis of income use total revenue (TR), total cost (TC), return cost ratio (R/C), and analysis indirect benefit use Extended Benefit Cost Rasio. The results of this research showed that (1) The participation of agroforestry farmers is more active in farmers group activities than that of non agroforestry farmers, (2) Income of agroforestry farmers is higher than non agroforestry farmers. R/C ratio of cacao agroforestry farmers is higher than that of non agroforestry farmers, and (3) Cacao agroforestry farming system in study area has provided economic and environmental benefits for the country leading to more sustainable natural resource use.

Key words: Agroforestry, cacao and sustainability.