

TREND FOR PRODUCTION OF PLANTATION LOGS IN SABAH

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ABSTRACT

Production of plantation logs helps to generate the economy of locals in Sabah. This research was being conducted to determine the plantation logs trend in Sabah. The main objectives of these research was to predict the production of plantation logs in the future and to show the trend of plantation logs in term of export and domestic in Sabah. Besides, this research also showed the correlation between total domestic and export with the total production of plantation logs in Sabah. The data that being used for this research was about 20 years period of time which dated from the year 1995 until 2014 and being obtained from the Sabah Forest Department and Forest Research Centre. The methods that being used in this research was regression analysis and correlation analysis. Based on the correlation test, there was a very strong correlation between the total domestic with the total production of plantation logs in Sabah with the r value approaching 1.00. The result of this study showed that the total domestic has a relationship with the total production of plantation logs in Sabah. However, the correlation test for total export with the total production of plantation logs in Sabah was modest with the r value -0.550. In other hand, this mean that the total export of plantation logs has a negative relationship with the total production of plantation logs in Sabah. The regression analysis showed there was a slightly decrease in value for the total export value of plantation logs which was 2.433 m³ per time. Besides, the total domestic of plantation logs experienced a slightly increasing throughout the time with the value of 0.795 m³ per time. Other than that, the result for regression analysis between the production of plantation logs with the period of study showed that there was a slightly increase with the value of 46942.18 m³ per time. As a conclusion, this showed that the trend for production of plantation logs in the future will keep increasing.