

**THE EFFICIENCY COMPARISON OF THE ROAD MANAGEMENT
SYSTEM IN OIL PALM PLANTATION**

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ABSTRACT

Nowadays, the successful of the oil palm plantation now a day are coming from the company management system. Reducing the cost of operating maintenance will help to increase the profit of the company. There are always some effects if the road system is not managed well. Many unnecessary cost will burden the company to cover for example road repair and tractor maintenance cost. So, this study was done to compare between the different road management systems and determine which are better. The data are collected from Mados's Lenggong and Tradewind Ladang Petri Tenggara, Johor. The data of road repair cost, tractor maintenance cost, no of collected bunches and output yield weight was collected from the year 2015. The result showed that road management system in field will give the impact to the cost and yield production of the oil palm.

CHAPTER 1

1.0 INTRODUCTION

1.1 Background of study

Agriculture is an important sector which contributes Malaysia economy. One of the most crop is oil palm plantation. Oil palm is the first ranking in industrial commodity in Malaysia. The successful of the oil palm plantation now days come from the management system. The basic management comes from the field which is how people planning to plant the crop until they got the profit. Reducing the cost of operating maintenance will help to increasing the profit of the company. There are several of field management scope in oil palm but road management and gravelling ranked the second highest plantation operating cost in oil palm (RH Plantation, 2013).

A good Road system will determine the productivity of the plantation. Road is used by the workers to access the field for daily routine like harvesting, manuring, weeding and many else. Road in oil palm is divided into several path which is main road, access road and collection road. Usually road construction is done after clearing the Forest for a new planting of oil palm.