

**THE ECONOMIC IMPACTS OF TRANSPORTATION
TOWARDS THE IN-FIELD POST-HANDLING PRACTICES OF
OIL PALM PLANTATION**

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DECLARATION

This final year project is a partial fulfilment of the requirement for a degree of Bachelor of Science (Hons.) Technology and Plantation Management, Faculty of Plantation and Agrotechnology, Universiti Teknologi MARA.

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TABLE OF CONTENTS

	<u>Page</u>
ACKNOWLEDGEMENTS	iii
TABLE OF CONTENTS	iv
LIST OF TABLES	vi
LIST OF FIGURES	vii
LIST OF ABBREVIATIONS	viii
ABSTRACT	ix
ABSTRAK	x
 CHAPTER 1 INTRODUCTION	 1
1.1 Background of study	1
1.2 Problem statement	3
1.3 Objectives	3
1.4 Significant of the study	4
1.5 Aim of the study	5
1.6 Hypothesis	6
 CHAPTER 2 LITERATURE REVIEW	 7
2.1 Overview oil palm in Malaysia	7
2.2 Post-harvesting handling practices	8
2.2.1 In-field post handling	8
2.3 Economic impact	13
2.3.1 Economic impact in advance of technology	14
 CHAPTER 3 MATERIALS AND METHODS	 17
3.1 Introduction	17
3.2 Population	18
3.3 Samples	19
3.4 Theoretical framework	21
3.5 Research instrument	23
3.6 Analysis of data	26
3.6.1 Statistical Package for Social Sciences (SPSS)	27
 CHAPTER 4 RESULTS	 28
4.1 Descriptive analysis	28
4.2 Statistical analysis	29
4.2.1 Total labor use	29
4.2.2 Total driver	30
4.2.3 Total cost	31
4.2.3.1 Total labor cost per hectare per month	32
4.2.3.2 Total Maintenance cost per hectare per month	34
4.3 Total yield per hectare per month	35
4.4 Partial budget	36
4.4.1 Wheel Barrow	36
4.4.2 Mini tractor	36
4.5 Discussion	37

ABSTRACT

THE ECONOMIC IMPACTS OF TRANSPORTATION TOWARDS THE IN-FIELD POST-HANDLING PRACTICES OF OIL PALM PLANTATION

Oil palm plantation need to be managed efficiently to maintain the performance of oil palm to produce yield each year. One of the important things that need to be care about is transportation. Transportation in oil palm plantation has been divided into two which are transportation to the mill and in-field transportation that both involve in post-handling in oil palm plantation management. Transportation that involve in in-field handling must be studied to know the efficiency and yield input that can be derived to the economic impact. In this study, conventional and mechanization system was compare. Wheel barrow representing conventional system and mini tractor representing mechanization in transportation system. The cost, yield and area coverage data for the year 2015 was collected from the FELCRA Berhala Gantang, Temerloh, Pahang. The data used to know which transportation is worth to be implemented. The study shows mini tractor is the better transportation that can be used in in-field handling compared to conventional system.