

**A CASE STUDY : BIOCOMPOST PROCESSING USING EMPTY FRUIT  
BUNCHES (EFB) AT SEDENAK ESTATE**

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**Final Year Project Report Submitted in  
Partial Fulfilment of the Requirements for the  
Degree of Bachelor of Science (Hons.) Plantation Technology and Management  
in the Faculty of Plantation and Agrotechnology  
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## DECLARATION

This Final Year Project is a partial fulfilment of the requirements for a degree of Bachelor of Science (Hons.) Plantation Technology and Management, Faculty of Plantation and Agrotechnology, Universiti Teknologi MARA.


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I hereby declare that I have checked this project and in my opinion, this project is adequate in terms of scope and quality for the award of the degree of Bachelor of Science (Hons.) Plantation Technology and Management, Faculty of Plantation and Agrotechnology, Universiti Teknologi MARA.

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## TABLE OF CONTENTS

	<b><u>Page</u></b>
<b>DECLARATION</b>	iii
<b>ACKNOWLEDGEMENTS</b>	iv
<b>TABLE OF CONTENTS</b>	v
<b>LIST OF FIGURES</b>	vii
<b>LIST OF TABLES</b>	viii
<b>LIST OF ABBREVIATIONS</b>	ix
<b>ABSTRACT</b>	xi
<b>ABSTRAK</b>	xii
<b><u>CHAPTER</u></b>	
<b>1 INTRODUCTION</b>	
1.1 Background of study	1
1.2 Problem statement	4
1.3 Significance of study	5
1.4 Objectives of study	6
1.5 Scope of study	6
1.6 Limitations of study	6
<b>2 LITERATURE REVIEW</b>	
2.1 Description of <i>Elaeis guineensis</i> Jacq.	8
2.1.1 Taxonomic classification of oil palm	8
2.1.2 Introduction to oil palm ( <i>Elaeis guineensis</i> )	9
2.2 Introduction to composting	10
2.3 Biocompost	10
2.3.1 What is empty fruit bunch (EFB)	12
2.3.2 What is palm oil mill effluent (POME)	13
2.4 Oil palm biomass	14
2.5 Advantages and disadvantages of biocompost	15
<b>3 METHODOLOGY AND CASE DESCRIPTION</b>	
3.1 Location of study	18
3.2 Company background	20
3.3 Company problems	20
3.4 Data collection	21
3.5 Experimental procedure	21
3.5.1 Production per hour of biocompost processing	21
3.5.2 Cost evaluation	22
3.6 Working schedule	23
<b>4 RESULTS AND DISCUSSION</b>	
4.1 Biocompost processing	24
4.1.1 Material processing	24

## **ABSTRACT**

### **A CASE STUDY : BIOCOMPOST PROCESSING USING EFB AT SEDENAK ESTATE, JOHOR**

This case study is to know the processing of biocompost using empty fruit bunch (EFB). The case study was conducted at Sedenak Estate and the project of biocompost plant operated by Semai Alam Sdn Bhd located at Kulai, Johor. The process of biocompost is determine by knowing the time and motion study of the process of biocompost using the EFB. From that process, the data that had been collected are the production of biocompost on productivity per hour and the total cost of biocompost processing using EFB. The result on production of biocompost productivity per hour are 109.44 *mt*. For the total cost operation are RM 742.67 per hour. This processing biocompost are suitable to use to the plantations and the farmers that can get the higher production with reasonable cost for that company.

Keyword: Biocompost processing, Empty fruit bunch, POME, Production, Cost operation.