



اَوْنِيُوْرَسِيْتِيْ بَاتِيْكُوْلُوْ كِيْ مِيَارَا
UNIVERSITI
TEKNOLOGI
MARA

FACULTY OF PLANTATION AND AGROTECHNOLOGY

DIPLOMA IN PLANTATION MANAGEMENT

KAMPUS MUKAH 2

SARAWAK

FPA 210

INDUSTRIAL TRAINING I

SEMAI MEKAR SDN BHD (SEBAUH ESTATE)

NAME : HISYAM BIN SAPAR

STUDENT ID : 2015982527

For LECTURER use only

DATE RECEIVED :

TOTAL MARKS :

STAMP :

Acknowledgement

For the code FPA 210, we are required to have a practical training in order to get a Diploma on our graduation. It must be taken by all semester 2 students to obtain knowledge and exposures in the field of practical as well as to introduce some of the basic techniques and tools that can be used by future executive offices in managing their estates. All knowledge obtained in the midst of preparing this can be used by the students to face the complex and challenging business world when they have graduated.

First of all, we would like to thank God for all of His blessings. Without His blessings and consents, we will not be able to complete this industrial training report in the given duration. We are able to complete everything despite all the barriers and challenges. Apart from that, we would like to express our deepest gratitude to Mr. Muhamad Syukrie bin Abu Talip, our Faculty Representative (Industrial Training). Thank you for all the guidance throughout preparing for this industrial training report. He was managed to guide us by giving some suggestions, ideas, comments and information during his field visit. He is a wise and has a lot of experience regarding this field. Without his help, we might not be able to finish this report successfully.

Next, thank to my family that let me take this practical training instead of going back home on the semester break. To all my friends, thank you so much for helping me in finishing this practical training and this practical report.

Last but not least, million thanks to all team members for the great commitment and cooperation given while overcoming all problems and enduring all the difficulties during the preparation of this industrial training report. Without the coordinated team work, we will not be able to complete and submit this report on the given duration of time. Hopefully all the efforts spent on this report will be worth all the sweats.

TABLE OF CONTENT

No	Particulars	Page
1.	Acknowledgement	1
2.	Introduction of Semai Mekar SDN BHD (Sebauh Estate)	
	i) Background	3
	ii) Objective	4
	iii) Organization chart	5
	iv) Map of Sebauh estate	6-7
3.	Standard operation procedure	8
4.	Introduction to Oil Palm	
	i) Morphology of Oil Palm	9
	ii) Variety of Oil Palm	10
	iii) Soil and climatic require for oil palm growth	11
5.	Part 1 : fertilizer	
	Introduction	13
	Standard operation procedure	13
	Types of fertilizer	13
	Main factor for effective fertilizer application	14
	Method used in applying fertilizer	15
6.	Part 2 : harvesting	
	Standard of harvesting	17
	Ripeness standard	17
	Harvesting of taller palm	18
	Harvesting of short palm	18
	Froned stacking	18

	Loose fruit collection	19
7.	Part 3 : spraying	
	objective	21
	often type of weeds and herbicides used	21
8.	Part 4 : supplying	
	Objective	24
	Material	24
	procedures	24
9	Part 5 : pest control	
	Pest and disease	26
	Ways to overcome	26
10.	Part 6 : lining	
	Objective	28
	Materials	28
	procedure	28-29
11.	Store	30
12.	Problem and challenge	31
13.	Conclusion	32

1) Background

Semai Mekar SDN BHD is under TAMACO BHD where the largest company in Sabah. In Sarawak, Semai Mekar SDN BHD located at Bintulu where it has 3 division, PM99C 1 & 3, PM99C 2 and PM13 A. PM99C 1 & 3 at Sebauh, PM99C 2 and PM13 A at Similajau where to reach from Similajau to Sebauh estate take 1 hour from each estate.

TH Plantations Berhad, the plantation arm of Lembaga Tabung Haji (**TH**) is engaged in the business of oil palm and rubber plantations in Malaysia.

It was first incorporated in 1972 as Perbadanan Ladang-Ladang Tabung Haji Sendirian Berhad with its first estate Ladang Sungai Mengah, measuring 4,054 hectares. Over the years, THP gradually expanded its land bank and to date, THP's land bank stands close to 105,000 hectares. With the acquisitions made in recent years, THP believes there is a vast potential for significantly higher FFB and CPO production in the coming years.

THP currently operates 36 oil palm estates in its stable spread throughout Malaysia as well as 4 rubber plantations in Sabah. It most recently acquired over 10,000 hectares of land in Kalimantan Timur, Indonesia, marking THP's own first foray overseas.

Beside that TH Plantations Berhad have branch at semilajau Bintulu since 1998-2008, until Semai Mekar takeover the business at 2008 until now. The recent owner is Mr Franklin. At Bintulu there are 2 large plantation field at Sebauh and Semilajau. The whole plantation field cover over 3,937.07 hector of land. They divided into to 7 division whish is 2 at Sebauh and 5 at Semilajau. They start to plant oil palm Semai Mekar at January 2013.