



UNIVERSITI TEKNOLOGI MARA

REPORT ON INDUSTRIAL TRAINING AT  
FARM UNIT, UITM SABAH BRANCH

ADILAH HANIS BINTI ACHA

2016913229

NUR SYAMIMI BINTI RAHMAN

2016181569

DIPLOMA IN PLANTING INDUSTRY AND  
MANAGEMENT

FACULTY OF PLANTATION AND  
AGROTECHNOLOGY

JULY 2019

## ACKNOWLEDGEMENTS

Praise to Allah SWT for strength, health and opportunity given to me as without Him, we might not able gone through all obstacle during our practical and study. We felt bless and grateful that we could finish this task given on time. We would like to thank UiTM to allow us to undergo industrial training for five weeks. To our supervisors and staffs of UiTM Farm, we appreciated the knowledge and experience that given to us from first until the last day of our industrial training and the support.

We would like to express my special thanks of gratitude to our supervisor, Ts. Rozlianah Fitri binti Said who gave us the golden opportunity to do this industrial training, which also helped us in preparing our report and we came to know about doing many new things. Thanks to our Industrial Training Coordinator, Mr. Hafezan bin Sisa that give us a guideline on our industrial training from beginning. Never forget to Madam Dayang Shurtinie binti Dato Shuaib as assistant farm manager that guide and assist us for application industrial training. Thank you very much to our lecturers for all knowledge and wisdom. Then, our fellow friends, we appreciated the insightful and inspiring that occurred among us.

Special thanks to our parents whom always patient in giving us the encouraging words for us to stand the challenges in order to achieve goal in our life.

Indeed, this work cannot be successful with the supports from all mentioned above, whether directly or indirectly, may Allah blessed all of you.

# TABLE OF CONTENTS

	<b>Page</b>
INDUSTRIAL TRAINING DETAILS	i
TRAINEE CURRICULUM VITAE	ii
DECLARATION	iv
CERTIFICATION	vi
ACKNOWLEDGEMENT	viii
TABLE OF CONTENTS	ix
LIST OF TABLES	xi
LIST OF FIGURES	xii
LIST OF ABBREVIATIONS	xiii
1.0 INTRODUCTION	
1.1 Agency Background	1
1.1.1 UiTM Logo Description	2
1.2 Organizational Chart	3
2.0 TRAINING SCHEDULE	
2.1 Overview of Training Schedule	4
2.2 Field Maintenance	5
2.2.1 Watering	5
2.2.2 Weed Management	6
2.2.3 Fertilizer Management	7
2.2.4 Transplanting	7
2.2.5 Cleaning and Arrangement	9
2.3 Agricultural Administration Sector	10
2.3.1 Spraying	10
2.3.2 Germination of Seeds in Cocopeat	12
2.3.3 Preparation of Fertilizer for Fertigation System	13
3.0 CONCLUSIONS	14
4.0 RECOMMENDATIONS	15

## LIST OF TABLES

Table		Page
2.1	Overview of training schedule	4
2.2	Procedures of weeding management	6
2.3	Procedures of fertilizer management	7
2.4	Procedures of transplanting using split method	8
2.5	Procedure before using backpack sprayer	10
2.6	Procedure of using fungicides chemical	11
2.7	Procedures of germination seeds in cocopeat	12
2.8	Procedures of dilution fertilizer A and B	13

## **1.0 INTRODUCTION**

### **1.1 Agency Background**

In March 1973, ITM Sabah Branch was established with the cooperation and support from the Sabah Foundation and State Government. The temporary campus was in Sembulan and the first intake was in July of that year comprised of 159 students. On 17 August of the same year, the campus was officially opened by the Chief Minister of Sabah. Then in January 1982, large majorities of the students' population were transferred to the permanent campus at Kuala Menggatal after the completion of its hostel blocks and other facilities. The move was completed in 1991 and now the university is known as UiTM Cawangan Sabah.

Diploma in Planting Industry Management (DPIM) programme offered by the Faculty of Plantation and Agrotechnology (previous under the faculty of Applied Science) was introduced in UiTM Cawangan Sabah on December 1999 of SPM levers and UiTM's Pre-Science qualifier. Farm unit has been responsible for the general maintenance, also help in providing the tools and facilities for the DPIM students. In the middle of the year 2003, the first staff intake has been committed where the position for the mechanical technician and General Assistant (GA) staffs has been taken to assist the lecturers in providing practical needs of students and keep the farm area in good condition.

In 2006, recruitment for the new staff of Assistant Manager, Assistant Agriculture Officer and some additional GA staffs to work in the general maintenance of the farm. Figure 1.1 shows the logo of UiTM and UiTM Sabah Farm Unit.