



UNIVERSITI TEKNOLOGI MARA

REPORT ON INDUSTRIAL TRAINING AT
"TYE YANG PLANTATIONS (SABAH) SDN. BHD."
LAHAD DATU, SABAH.

CLARENCE FLORIAN
2016560649

DIPLOMA IN PLANTING INDUSTRY MANAGEMENT

FACULTY OF PLANTATION AND
AGROTECHNOLOGY

JULY 2019

ACKNOWLEDGEMENTS

First of all, praise to the lord for giving me an opportunity to finish this report successfully. With the gust and guide that He gives to us, I could finish this report completely on time. With the strength He gave to me, it helps us to find the materials and information that are needed to finish up this report.

Moreover, I would like to express my gratitude to my lecturers especially for this subject Industrial Training II (FPA310) and my supervisor, Mr Hazmi Bin Awang Damit and all my beloved lecturers for their wisdom and knowledge. Their dedication in giving all the knowledge regarding this industrial training with each subject from semester 1 until the end of semester.

Not to forget, lot of thanks to my parents for being very supportive in vary way and pray for me be success in completing this report from the starting point until the end of the report. To my entire batch 35, thanks for being a good friend when our group having a problem in finishing this report. Thank you for giving opinions, ideas and information that I need to complete this report.

Last but not least, thanks to Universiti Teknologi MARA Sabah Branch and Tye Yang Plantation that allows me to undergo the industrial training to gain an experienced. To all staff of Tye Yang Estate, I really appreciate your support and knowledge that you all gave me from the first day until the end of the industrial training.

TABLES OF CONTENTS

Industrial Training Details	i
Trainee Curriculum Vitae	ii
Declaration	iii
Certification	iv
Acknowledgements	v
Tables Of Contents	vii
List Of Tables	viii
List Of Figures	ix
List Of Abbreviations	x
1.0 Introduction	1
1.1 Agency Background	1
1.2 Vision And Mission	1
1.3 Organization Chart Of Tiger Estate, Sime Darby Plantation	2
1.4 Region Estate	3
2.0 Summary Of Training Schedule	4
2.1 Overview Of Training Schedule	5,6,7
2.2 Muster Call	8
2.2.1 Objective Mustercall	8
2.2.2 Muster Call Procedure	8
2.3 Geberal Maintenance	9
2.3.1 Manuring	9
2.3.1.1 Manring Ppe Application	9
2.3.1.2 Types Of Fertilizer	9
2.3.1.3 Fertilizer Calibration	10
2.3.2 Weeding	10
2.3.3 Spraying	10
2.3.3.1 Method Of Applying Chemical Weeding	10
2.3.3.2 Calibration Of Spraying	10
2.3.3.3 Chemical Spraying Equipment	11
2.3.3.4 Types Of Chemical	11
2.3.3.5 Condition And Timing Applying Chemical Spray	11
2.3.3.6 Method Of Applying Chemical	11
2.3.3.7 Circle Parth Spraying	12

2.4 Nursery	12
2.4.1 Objectives Of Nursery	12
2.4.2 Factor Of Nursery Site Selection	12
2.4.2.1 Location	13
2.4.2.2 Area	13
2.4.2.3 Topographic	13
2.4.2.4 Types Of Soil	14
2.4.2.5 Water Supply Sources	14
2.4.3 Nursery Management System	14
2.4.3.1 Pre-Nursery	15
2.4.3.2 Main Nursery	15
2.4.4 Advantages And Disadvantages Of Double Stage Nursery.	16
2.4.6 Transplanting	16, 17
2.4.7 Culling Pre-Nursery	18
2.4.8 Culling Main Nursery	19
2.5 Harvesting	20
2.5.1 Condition And Timing For Harvesting	20
2.5.2 Tools For Harvesting	20
2.5.3 Method And Procedure In Harvesting	20
2.6 Gradding	21
2.7 Replanting	21
2.7.1 Zero Burning Replanting Benefits	21
2.7.2 Chipping Procedure	22
2.7.3 Chipping Infected And Non-Infected Palm (Normal Palm)	22
2.8 Sampling	23
2.8.1 Water Sampling	23
2.8.2 Soil And Leaf Sampling	24
2.8.2.1 Soil Sample	24
2.8.2.2 Palm Oil Leaf Sample	24
3.0 Conclusion	25
4.0 Recommendation	26
References	27
Appendices	28, 29, 30

1.0 INTRODUCTION

1.1 AGENCY BACKGROUND

Subject was incorporated on 17 April 1980 in Malaysia under the Name Tye Yang Plantations (Sabah) Sdn. Bhd. with registration number of 57335-X. Tye Yang Plantations (Sabah) Sdn. Bhd.'s business includes Cocoa & Oil Palm Estates.

Tye Yang Plantations (Sabah) Sdn. Bhd. is a private limited company and has been existed for 39 years in JC Chang Group. Figure 1.1 shows the logo's of JC Chang Group.



Figure 1.1 J.C. Chang Group

1.2 VISION AND MISSION

1.2.1 Vision

To balance the 3Ps considerations of People, Planet and Profit in all its management decisions and operations in order to achieve the goal of sustainable profitability in tandem with sustenance of progressive social and environment developments.

1.2.2 Mission

To strive for continuous improvements in mill and plantation performance and profitability through management procedures and operations which are economically viable, environmentally appropriate and socially beneficial.