

UNIVERSITI TEKNOLOGI MARA

REPORT ON INDUSTRIAL TRAINING AT JABATAN PERTANIAN KOTA MARUDU

NUR FAZIERA ZABLI
2016758207

SHAREEN MAJUIN
2016104351

DIPLOMA IN PLANTING INDUSTRY MANAGEMENT
FACULTY OF PLANTATION AND AGROTECHNOLOGY

JULY 2019

ACKNOWLEDGEMENTS

First and foremost, praises and thanks to God, the Almighty for giving us the opportunity to complete this report successfully. With the gust and guide that He gave us, we completed this report on time. With the strength He gave use, it helped us to find the materials and information that were needed to finish up this report.

Moreover, we would like to express our gratitude to our lecturers especially for this subject Industrial Training 2 (FPA310) and our supervisor, Ts Dr Hendry Joseph and all our beloved lecturers for their wisdom and knowledge. Their dedication in giving all the knowledge regarding this industrial training within each subject from semester 1 until the end of semester.

Not to forget, lot of thanks to our parents for being very supportive in vary ways and prayed for us to be success in completing this report from the start until the completion of the report. To our entire batch 35, thanks for being a good friend when our group having problem in finishing this report. Thank you for giving opinions, idea and information that we need to complete this report.

Last but not least, thanks to Universiti Teknologi MARA Cawangan Sabah and Jabatan Pertanian Kota Marudu for allowing us to undergo the industrial training and gained experience from it. To all staff of Jabatan Pertanian Kota Marudu and Pertanian Damai Station Kota Marudu, we really appreciate your support and knowledge shared to us from the first day until the end of the industrial training.

TABLE OF CONTENT

	Page
INDUSTRIAL TRAINING DETAIL	i
GROUP MEMBER	ii
TRAINEE CURRICULUM VITAE	iii
DECLARATION	iv
TRAINEE CURRICULUM VITAE	v
DECLARATION	vi
CERTIFICATION	vii
ACKNOWLEDGEMENTS	ix
TABLE OF CONTENT	x-xi
LIST OF TABLES	Xii
LIST OF FIGURES	xiii
LIST OF ABREVIATIONS	xiv
1.0 INTRODUCTION	1
1.1 Agencies Background	1
1.2 Vision and Mission	2
1.3 Organization Chart of Jabatan Pertanian Kota Marudu	2
1.4 Region	4
2.0 OVERVIEW OF TRAINING SCHEDULE	6
2.1 Jabatan Pertanian Kota Marudu	6
2.2 Station Pertanian Damai	7
2.2.1 Weeding	8
2.2.2 Clearing the Germination Site	9
2.2.3 Filling Soil into Polybag	10
2.2.4 Budding and Grafting	12
2.2.5 Clearing the Station Site	15
2.2.6 Transplanting	17
2.2.7 Planting New Seeds for Replacement	18
2.2.8 Germination Site Maintenance	20
2.3 Jabatan Pertanian Kota Marudu	21
2.3.1 Tandek Paddy Subsidy Units	21

LIST OF TABLES

Tables	Page
2.1 Overview of training schedule.	5
1. The name of the farmers, crop and village where the soil samples were taken.	6
2. The types of seedlings at the nursery.	7
3. Types of fruit seedlings that undergone weeding.	8
4. Types of budding and grafting, steps how to do budding and grafting	13-14

1.0 INTRODUCTION

1.1 AGENCY BACKGROUND

Department of Agriculture (DOA) was established in 1905. The main task of the agricultural department at that time was to implement agricultural policies outlined by the government. Under the guidance of the Department of Agriculture has approved the enactment of the development and maintenance of land rights.

Sabah Agriculture Department has officially exist as a separate entity since November 1946. At the initial stage, the Sabah Agriculture Department is also responsible for the affairs of the company animal husbandry and fishery. After Sabah achieved independence, several separate departments and agencies have been established under the Ministry of Agriculture and Food Industry to address other areas and certain aspects relating to the industrial development of the plant. Currently, the Department of Agriculture Sabah is among several departments and agencies under the Ministry.

In the Federation of Malaysia in 1974, in line with the establishment of the state governments, provision has been made for the establishment responsible for implementing the development program for the developing the smallholder sector.



Figure 1: Logo of Jabatan Pertanian Sabah