UNIVERSITI TEKNOLOGI MARA

FACULTY OF PLANTATION AND AGROTECHNOLOGY

DIPLOMA IN PLANTATION MANAGEMENT

UNIVERSITI TEKNOLOGI MARA

SARAWAK

INDUSTRIAL TRAINING REPORT (FPA210)

UNIT LADANG UiTM KAMPUS KOTA SAMARAHAN 1

NAME	**Mohd.Hafizullah Bin Anthony@Othman**
STUDENT ID	**2017606356**
IC NUMBER	[redacted]

For Lecturer Use Only

DATE RECEIVED	
TOTAL MARKS	
STAMP	

ACKNOWLEDGEMENT

As a compulsory subject for semester 2 students of Diploma in Plantation and Agriculture Technology, we are required to engage in internship program and in the same time completing and submitting our industrial training report for the subject FPA 210 Industrial Training. The subject FPA 210 Industrial Training taken by students of Diploma in Plantation and Agriculture Technology of Universiti Teknologi Mara (UiTM) are one of the subjects that exposed students to the vast knowledge and skills of the agriculture industries practice in our country.All the experience that we the student gained during industrial training are hopefully can be utilized in our future once we graduated.

First of all I would like to express my sincere thankfulness to almighty God(Allah S.W.T)because without His blessing and strength giving, I would have not prevailed and gained anything during the industrial training.Aside from that,I would like to express my deepest feeling of gratitude toward Madam Saiyidah Raffhanah Bt Basri our Faculty Representative that guide and advice student toward the best industrial training company and in the final process after industrial training that is advice on completing this final report.Not to forget,I also thankful for all lecturers of Diploma in Plantation and Agriculture Technology for guide and advices.

Beside that, I also want to thanks my family for giving moral and financial support during my industrial training.Not to forget, my sincere thanks to the staff of Unit Ladang UiTM Kampus Kota Samarahan 1 for teaching and guiding us during the industrial training.With the teaching and guide, I learn many technique and knowledge on agriculture industries practice in our country.

Finally,I would like to thanks my co-worker or my group member (Group 1) on working and learning side to side with me.With all the commitment and intense showcase of teamwork that my group member showed had furthermore help in preparing the final report.I hope that someday I can collaborate with my group members in more collaboration regarding agriculture industries practice.

Contain

Introduction

-Employer Background

-Map Of Employer Cultivation Site

-Employer Vision, Mission and Objective

-Organization Chart

Plot 1

-Guava

-Pulasan

-Limau Kasturi

-Black pepper

-Jackfruit

Plot 2

-Palm Oil

-Coconut

-Fertigation

-Joint plot of Ciku And Soursop

Plot 3

- Nursery And Landscape Unit

Plot 4

-Vegetable Site,Herb Site And Hydroponic Site

Opinion & Feedback

Conclusion

References

Background

My internship company's was established since December 1999 with the main aim of providing agricultural learning and research facilities for lecturers and students of Diploma In Plantation Management (DPIM). It also serve as a place to undergo practical training, practical and agricultural research. This unit has expanded it operation within the assigned land of UiTM kampus Samarhan 1 and progressed step by step in line with the increasing age of the DPIM Program, that was the main reason of it existance until now.The Unit has opened about 58 acres (current size,2018) of plot planted with all the plants found in the Program syllabus.It also have a management system that manage it day to day operation.

PLOT 1

GUAVA (Psidium guajava)

Guava is a popular fruit tree of tropical and subtropical climate. Guava is considered as one of the exquisite and nutritionally valuable and easy to cultivate.

Climatic Requirement

For maximum production in the tropical region like Malaysia, guava crop requires 500 to 1000mm of rain, evenly distributed throughout the year. Guava is grown successfully in tropical & subtropical regions up to 1,500m above mean sea-level.Temperatures between 23-28oc are ideal for flowering and fruit set.

Soil Requirement

Almost all soils are suitable for guava cultivation. However deep loams with good drainage are ideal for guava as it was sensitive to water logging.

Propagation

Guava is propagated from seeds and also by vegetative methods. Seedling trees produce fruits of variable size and quality.Vegetative methods like cutting. grafting and budding are used for propagation of guava.

Pest and Disease Management

Fruit fly, mealy bug, scale insects, etc. are the major pests in guava. The following measures are adopted to control the damage done by these pests:

Fruit fly :(a) Spraying of chemicals like malathion 2 ml, phosphamidon 0.5 ml per l of wate

(b) Destruction of infected fruits and clean cultivation .

Mealybug: (a) Soil treatment with aldrin, malathion, thimet, ete

(b) Spraying of methyl parathion , monocrotophos or dimethoate.

Fruit Rot (Phyotophthora nicotianae): Spray the tree with combination of fungicides + mancozeb (250 g/100 L water) or metalaxyl (100 g/100 L water) or fosetyl-al (300g/100 L water) as soon as the disease is observed, repeat sprays at 15 days interval