



اَوْنِيُوْرَسِيْتِي تِي كُوْلُوْ كِي مَبَارَا  
UNIVERSITI  
TEKNOLOGI  
MARA

**FACULTY OF PLANTATION AND AGROTECHNOLOGY**

**AGR 360**

**INDUSTRIAL TRAINING**

**UNIT LADANG**

**UITM KOTA SAMARAHAN**

**Prepared by,**

**George Best Anak Balajok**

**AT 110**

**2013842648**

## ACKNOWLEDGEMENT

As a requirement report for the semester 6 students of Diploma and Agriculture Technology, we are required to complete and submit our industrial training report for subject AGR360 Industrial Training. The subject AGR360 Industrial Training must be taken by all students of MARA University of Technology (UiTM) in order to ensure that the students are able 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 office in managing their estate. 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 His blessings. Without His blessing 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, comments, ideas, and information during his field visit. He is wise and has a lot of experience regarding this field. Without his help, we might not be able to finish this report successfully.

Next, we also would like to express our thankfulness to our families and friends for all the ideas shared and all the morale support given throughout the preparation of this industrial training report. Besides that, we would like to express our gratefulness to all executives, staffs, and workers of Unit Ladang (UiTM) Samarahan for giving unstoppable cooperation to us. All the data collected, forms and other appendices were from them. Without them, we could not finish our report on time.

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 effort spent on this report will worth all the sweats.

## Table of content

Content	Page
<b>Acknowledgement</b>	<b>4</b>
<b>Introduction</b>	<b>5</b>
<b>Background</b>	<b>6</b>
<b>Objective</b>	<b>7</b>
<b>Function Of Faculty</b>	<b>8</b>
<b>Vision And Mission</b>	<b>9</b>
<b>Occupational Safety And Health Policy</b>	<b>10</b>
<b>Organization Chart</b>	<b>11-13</b>
<b>Map Of Estate</b>	<b>14</b>
<b>Oil Palm :</b> <b>1. Variety of palm</b> <b>2. Grading</b> <b>3. Black bunch census (BBC)</b> <b>4. FFB evacuation</b> <b>5. Types of fertilizer</b> <b>6. Tools and machines</b>	<b>15-35</b>
<b>Maintenance :</b> <b>1. Weed management</b> <b>2. Cycle and path spraying</b> <b>3. Circle raking</b> <b>4. Selective spraying</b> <b>5. Selective weeding and uprooting</b> <b>6. Pests and diseases</b> <b>7. Water management</b>	<b>36-53</b>
<b>Water Guava :</b> <b>1. Introduction</b> <b>2. Harvesting</b> <b>3. Benefit</b> <b>4. Tools</b> <b>5. Productivity</b>	<b>54-64</b>

## INTRODUCTION TO

### FACULTY OF PLANTATION AND AGROTECHNOLOGY

#### SARAWAK

Faculty of Plantation and Agrotechnology is to attending lectures and conducting laboratory experiments on campus students are also required to undergo four sessions of practical training in agricultural plantations Institutions and agricultural business organizations during semester vacations lasting at least 5 weeks each, a total of 20 weeks.

Career opportunities DPIM graduates may find employment in agro-based industries such as plantations, agro-based organizations and services, agro-tourism, banking, insurance and semi-government bodies such as Farmers' Organization Authority (FAMA), Malaysian Agricultural Research and Development Institute (MARDI), Palm Oil Research Institute of Malaysia (PORIM) and Malaysian Rubber Fund Board (RFB).

Opportunities for Further Studies Graduates of this program may further their studies in the same or related fields at both local and foreign Universities. The Faculty of Applied Sciences currently offers a Bachelor of Science (Honors) degree in Plantation Technology and Management at the Shah Alam Campus. Beginning from June 2000, Masters in Science and PhD's in the field of Plantation Technology and Management have also been offered.

In addition, DPIM many graduates are also pursuing their studies in various fields at the UPM, UUM, UKM and USM. The duration of the study depends on the field of study and the academic performance of the graduate at the diploma level.

## Conclusion

During these working at UITM, Faculty of Plantation center as a trainee, I am exposed to many new experience which are very valuable for me to learn and carry out when I face the real world of working in the future. The reason for as a student doing or having our industrial training is to expose us to the work life before we graduating soon. By doing so, we will know how to adapt and communicate with other people who are on the same field as we are or with those who will work as a team with us. The period that each student undergoes for and industrial training cannot be use as a measurement because what is gain and knowledge that we obtain during the training is the most important thing. Lastly, thank you again for the knowledge that they gave to me. To those who involve either directly or indirectly your support are much appreciated. Thank you.