



اوتو سیتی تیکنولوژی مارا
**UNIVERSITI
TEKNOLOGI
MARA**



FACULTY OF PLANTATION AND AGROTECHNOLOGY

DIPLOMA IN PLANTATION MANAGEMENT

UNIVERSITI TEKNOLOGI MARA

SARAWAK

FPA210

INDUSTRIAL TRAINING REPORT

UNIT LADANG UiTM KAMPUS KOTA SAMARAHAN 1

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ACKNOWLEDGEMENT

As a requirement report for the semester 2 students of Diploma in Plantation and Agriculture Technology, we are required to complete and submit our industrial training report for the subject FPA210 Industrial Training. The subject FPA210 Industrial Training must be taken by all students of Universiti Teknologi Mara (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. First of all, we part 3 student was thankful to God because of our practical (industrial training) since 1 month was complete. Without his blessing, all things or work might be hard and not be complete as well. However, we would like to thankful to our gratitude to Madam Saiyidah Raffhanah Bt Basri , our Faculty Representative (Industrial Training) for the guidance throughout preparing for this industrial training report for us. She has a lot of experience regarding this field. Without her help, we might not be able to finish this report successfully. Next, we also would like to thanks to our families and friends for all the ideas shared and all the morale support given throughout the preparation of this industrial training. Besides, we would like to express our gratitude to all executives, staffs and workers of Unit Ladang UiTM Kampus Samarahan 1 for giving cooperating with us. All the data collected and other appendices were from them. Without them, we could not finish our report on this time. Last but not least, I would like to thankful to our group member for giving their cooperation to each other. Without the coordinated team work, we will not be able to complete and submit this report on the given duration of time.

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Introduction

This unit was established to provide agricultural learning and research facilities to lecturers and students of Diploma In Plantation Management (DPIM) which has been started since the session of December 1999 to April 2000. While this unit has been in operation since the end of 2000, its main function is to provide support for lecturers and students of dpim program undergo practical training, practical and agricultural research. This unit has grown and progressed step by step in line with the increasing age of the DPIM Program until now the Unit has opened about 50 acres of plot demonstration planted with all the plants found in the Program syllabus. Hopefully in the future this Unit will be more robust and able to help UiTM produce experienced, knowledgeable and experienced graduates to become agents of change to the outside community especially local communities in addition to generating Sarawak's UiTM income through the agricultural activities to be carried out.

VISION UiTM

- * To make UiTM an excellent university of scholar and academic excellence to lead bumiputera dynamism in all world-class professional fields to be born competitive, global and ethical graduates.

MISION UiTM

- * Enhancing knowledge and expertise of Bumiputera in all areas through the delivery of professional programs, research and community service engagement based on noble values and professional ethics.

OBJECTIVES OF UNIT LADANG UiTM

- * Produce professional, self-sufficient, knowledgeable and knowledgeable DPIM students to develop agriculture to become one of the competitive sectors and to serve as a major contributor to the national economy.
- * Apply efficient and sustainable farm management to maximize crop yields.
- * To make agriculture as a field that can be commercialized and able to provide satisfactory returns to its entrepreneurs.

PLOT 1

Banana and black pepper

The black pepper at UiTM Sarawak Kampus Samarahan 1 got 60 of clone and 240 types of black pepper. The distance is 6.0 x 6.0. These black pepper have been planted since December 2003.

Black pepper (*Piper nigrum*) is a flowering vine in the family Piperaceae, cultivated for its fruit, which is usually dried and used as a spice and seasoning. When dried, the fruit is known as a peppercorn. When fresh and fully mature, it is approximately 5 millimetres (0.20 in) in diameter, dark red, and, like all drupes, contains a single seed. Peppercorns, and the ground pepper derived from them, may be described simply as pepper, or more precisely as black pepper (cooked and dried unripe fruit), green pepper (dried unripe fruit) and white pepper (ripe fruit seeds).

Black pepper is native to south India and is extensively cultivated there and elsewhere in tropical regions. Currently, Vietnam is the world's largest producer and exporter of pepper, producing 34% of the world's *Piper nigrum* crop as of 2013.

Dried ground pepper has been used since antiquity for both its flavour and as a traditional medicine. Black pepper is the world's most traded spice. It is one of the most common spices added to cuisines around the world. The spiciness of black pepper is due to the chemical piperine, not to be confused with the capsaicin characteristic of chili peppers. Black pepper is ubiquitous in the modern world as a seasoning and is often paired with salt.