



UNIVERSITI TEKNOLOGI MARA

REPORT ON INDUSTRIAL TRAINING AT
IOI PLANTATION

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APPRECIATION

In the name of Allah, Most Gracious, the Most Merciful. Peace and blessings be upon the Prophet Muhammad. Alhamdulillah, thanks to Allah SWT with his permission and blessings, I can finish my study and practical in Morisem 4 Estate.

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INTRODUCTION

IOI Corporation Berhad commonly referred to as IOI, was incorporated on 31 October 1969 as Industrial Oxygen Incorporated Sdn Bhd. IOI is one of Malaysia's biggest conglomerates that started off from industrial gas manufacturing. It ventured into property development in 1982, followed by oil palm plantations in 1985. As at June 2009, IOI Group employs more than 30 000 personnel of more than 23 different nationalities in 15 countries.

Plantation is the core business of IOI Group which contributes between 55% and 60% to the Group earnings. The Group is engaged in cultivation of oil palm and processing of oil palm with operation in the full spectrum of palm oil value chain from the upstream activities of seed breeding and planting to crop oil extraction to the downstream resource – based manufacturing activities.

IOI Group is committed to good and sustainable palm oil practices and is one of the most cost efficient producers in the industry dedicated to improve its fresh fruit bunches (FFB) yields, oil and kernel extraction rates and overall efficiency through progressive efforts in tissue culture research to cultivate clonal palms with superior traits. This commitment has led to all its estates and mills in Malaysia (except estates and mills of its newly – acquired entity Unico – Desa Plantations Berhad) to be fully Roundtable on Sustainable Palm Oil (RSPO) certified.

A. Nursery Practices in Morisem 4 Estate

Introduction

The importance of good nursery practices cannot be over – emphasized. The nursery should be maintained at the highest standard to ensure production of healthy, vigorous and uniform palm for field planting. Double stage nursery is generally preferred and in Morisem 4 Estate, they also use the Double stage nursery practices.

The reason why Morisem 4 Estate preferred to use the double stage nursery practices because:

- Filling of small polybags can be organised much more easily and takes less time.
- Culling at 12 – 14 weeks just before transplanting into large polybags is easier.
- Enable to maintain the highest standard to produce healthy, vigorous and uniform palm.