



FACULTY OF PLANTATION AND AGROTECHNOLOGY
DIPLOMA IN PLANTATION MANAGEMENT
UNIVERSITI TEKNOLOGI MARA
SARAWAK

AGR 390
INDUSTRIAL TRAINING
TRADEWINDS PLANTATION BERHAD (TPB)
KUMPULAN KRIS JATI SDN BHD (TRUSAN ESTATE)

13TH JUNE 2016 – 15TH SEPTEMBER 2016

NAME: AMIR SYADIQ BIN ALBAZ

STUDENT I.D: 2013108673

For LECTURER use only

DATE RECEIVED :

TOTAL MARKS :

STAMP :

TRADEWINDS PLANTATION BERHAD (TPB)

TABLE OF CONTENTS

NO	PARTICULARS	PAGES
1.	Acknowledgement	2
2.	Table of Contents	3 – 4
3.	Introduction of Tradewinds Plantation Berhad (TPB)	5 – 7
	i) Mission	8
	ii) Core Value	8
	iii) Company Policies	9
	a) Occupational, Safety and Health Policy	9
	b) Environmental and Biodiversity Policy	10
	c) Employment Policy	11
	d) Sexual Harassment Policy	12
4	Introduction to KRIS JATI Sdn Bhd (Trusan Estate)	13
	Background of KRIS JATI Sdn Bhd (Trusan Estate)	14
	a) Estate Map	15
	b) Map	16
	Organization Chart	17
	Standard Operation Procedure (SOP)	18
	a) Manuring	19
	b) Loading of Fresh Fruit Bunches (FFB)	20
	c) Garbage Collection/Waste Management	21
	d) Harvesting of Fresh Fruit Bunches	21
	e) Spraying , Termite and Tirathaba Control	22
		23
		24
		25
5.	Oil Palm Plantation in Malaysia	26 – 27
	Introduction to Peat Soil	28 - 29
	a) Definition of Peat Soil	30
	b) Characteristic of Peat Soil	31
	c) Problems of Peat Soil	32
	d) Method to Overcome Problems in Peat Soil	33
6.	Part 1: Harvesting	31-46
	1.1 Variety of Oil Palm	32
	1.2 Harvesting	33-34
	1.2.1 Harvesting by chisel	34-37
	1.2.2 Harvesting by sickle	37-38
	1.3 Loading of Fresh Fruit Bunches (FFB)	39-40
	1.4 Types of Bunches	41-43
	1.5 Grading	44-
	1.6 Black Bunch Census	45
	1.7 Harvesting Interval	46
7.	Part 2: Field Upkeep and Maintenance	48-84
	2.1 Fertilizer Management	
	2.2 Manuring	
	2.3 Pest and Disease	
	2.3.1 Rodent Pest (Rat)	
	2.3.2 Tirathaba	
	2.4 Integrated Pest Management (IPM)	
	2.5 Selective Spray	
	2.5 Spraying Volunteer Oil Palm Seedlings (VOPs)	
	2.6 Circle and Path Spray	

ACKNOWLEDGEMENT

As a requirement report for the semester 6 students of Diploma in Plantation and Agriculture Technology, we are required to complete and submit our industrial training report for the subject AGR390 Industrial Training. The subject AGR390 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 officer in managing their estate. All knowledge obtained in the midst of preparing this can be used to face the complex and challenging business world when they have graduated.

First of all, we would like to thank Allah S.W.T for all of His blessings. Without blessings 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, ideas, comments and information. He is a wise man and has a lot of experience regarding this type of work. 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 Kumpulan Kris Jati Sendirian Berhad 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 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 you all I will not be able to complete and submit this report on the given duration of time. Hopefully all the efforts spent on this report will worth all the sweats.

INTRODUCTION OF TRADEWINDS PLANTATION BERHAD (TPB)

Tradewinds Plantation Berhad is one of the largest oil palm and rubber plantation companies in Malaysia. The company is poised to become a global leader in integrated agribusiness as it moves forward into a new and dynamic phase of development in the coming years.

Our company can trace its roots back to 1995 when our plantations were managed by TPSSB. On 25 May 2004, Tradewinds (M) Berhad which is our current Holding Company, announced the proposed merger involving fourteen of Tradewinds (M) Berhad's plantation subsidiary companies with Johore Tenggara Oil Palm Berhad (JTOP). Hence, on 04 October 2005, Tradewinds Plantation Berhad (TPB) was established and the proposed merger was completed about a year later. Pursuant to the merger, the listing status of JTOP was transferred to Tradewinds Plantation Berhad, which made its debut listing on the Main Board of Bursa Malaysia on 15 March 2006. Tradewinds Plantation Berhad was delisted in 2013 but remains as one of the largest oil palm and rubber plantation companies in Malaysia.

Tradewinds Plantation Berhad's forward-looking vision is to be the global leader in integrated agribusiness. We will achieve this by consolidating our operations, improving efficiency, managing costs and productivity, as well as looking towards new opportunities for the future.

Tradewinds Plantation Berhad will remain steadfast on investing in new landbanks, including plantation development and strategic acquisitions which will enlarge our plantations operations. This will place our organisation in a more favourable position to realize its fullest and future potential, as well as attaining sustainable growth. Our ongoing efforts will also cover increasing yield, lowering operational costs, mechanisation of plantation operations as well as mill efficiency improvement plans.

The company will be looking into fortifying its mid-stream and downstream operations. We will be setting-up our own refineries and rubber depots, as well as ensuring a robust trading arm, which will bode a healthy and sustainable future for the company.

Tradewinds Plantation Berhad will be placing greater emphasis on research and development efforts, in order to maintain our sustainable operations. This includes exploring new ventures in agribusiness and the oils & fats market segments.

In terms of human capital management, we will focus on building new capabilities as well as strengthening the existing core, by empowering our workforce with relevant industry knowledge and skills. It will incorporate innovation towards improving operational efficiency, as well as inculcating a high performance work and safety culture.

Our current strengths, coupled with expansion plans and a forward-looking vision will make Tradewinds Plantations Berhad stronger as we take great leaps ahead towards a better and sustainable future.

TRADEWINDS PLANTATION BERHAD (TPB)

VISION

To be the preferred globally competitive integrated agribusiness organization that delivers outstanding value for all.

MISSION

We as a team are committed to achieve our vision by:

1. Providing premium products and services to our customers.
2. Optimizing shareholder value.
3. Improving the quality of life of our employees.
4. Fostering a sustainable environment

CORE VALUE

To accomplish our group mission we are driven by the following core values.

1. Fear of God
2. Integrity
3. Professionalism
4. Prudence
5. Continuous improvement