EFFECTS OF RAINFALL DISTRIBUTION TOWARDS OIL PALM YIELD AT LADANG BUKIT KELOMPOK, KOTA TINGGI, JOHOR

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STUDENT'S DECLARATION

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TABLE OF CONTENTS

			Page
ACKNOWLEDGEMENTS			ii
TABLE OF CONTENTS			iii
LIST OF FIGURES LIST OF TABLES			iv
			V
ABSTRACT ABSTRAK		vi	
		vii	
СН	APTER	1	
1	INT	RODUCTION	
	1.1	Background	1
	1.2	Problem statement	2
	1.3	Objective of study	2
	1.4	Significance of study	3
2	LIT	ERATURE REVIEW	
	2.1	Climate change	4
	2.2	Rainfall	6
	2.3	El-Nino and La-Nina	8
	2.4	Oil palm yield	9
3	ME'	THODOLOGY	
	3.1	Method of data collection	11
	3.2	Location of study	11
	3.3	Method of data analysis	12
	3.4	Gantt chart	13
4	RES	SULTS & DISCUSSION	14
5	CO	NCLUSIONS & RECOMMENDATIONS	18
CIT	CITED REFERENCES		19
APPENDICES		21	
CURRICULUM VITAE		24	

LIST OF FIGURES

Figure	Caption	
Page		
3.1	The location of Ladang Bukit Kelompok	11
4.1	Rainfall distribution in 2013	14
4.2	Rainfall distribution in 2014	14
4.3	Rainfall distribution in 2015	15
4.4	Mean of rainfall distribution of 2013-2015	15

ABSTRACT

EFFECTS OF RAINFALL DISTRIBUTION TOWARDS OIL PALM YIELD AT LADANG BUKIT KELOMPOK

Rainfall is one the climate change that has potential to influence the palm oil production. The intensity of rainfall is importance in providing optimum condition for oil palm. This case study is stress on the effects of rainfall distribution towards oil palm yield at Ladang Bukit Kelompok that located at Kota Tinggi, Johor. The data for rainfall variations and oil palm production are collected monthly for three years which from 2013-2015. The highest rainfall for five months is choose and analyzed by using the Minitab software and Microsoft Excel application. The main objective for this case study is to understand the pattern of palm oil production relation to the one of nature scenario. The results obtained there is significant difference between rainfall distribution and palm oil yield. The conclusion is, rainfall does give major effect to the oil palm production.

Keywords: Rainfall distribution, oil palm yield, nature scenario, climate change