A STUDY ON KNOWLEDGE AND ATTITUDE OF DIFFERENT LEVEL OF EDUCATION REGARDING BIOTECHNOLOGY APPLICATION IN MALACCA

MOHD NAZLI BIN AYUB

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Degree of Bachelor of Science (Hons.) Plantation Technology and Management in the faculty of Plantation and Agrotechnology

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CANDIDATE'S DECLARATION

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Bachelor of Science (Hons.) Plantation Technology and Management, Faculty of

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Agrotechnology, Universiti Teknologi MARA.

Signature:

Name of Supervisor: MISS HAMIZAH BINTI OTHMAN

Position: MAIN SUPERVISOR/LECTURER

Date: 10 AUGUST 2015

11

TABLE OF CONTENT

		E'S DECLARATION	ii iii					
ACKNOWLEDGEMENTS								
TABLE OF CONTENT								
LIST OF FIGURE LIST OF TABLE LIST OF ABBREVIATION								
					ABSTRACT			
				ABS	TRAK		X	
CHAPTER								
1	INT	RODUCTION	1					
	1.1	Background of Study	1					
		Problem Statement	3					
	1.3	Research Objective	4					
		Research Question	4					
		Hypothesis	4					
		Significant of study	5					
2		ERATURE REVIEW	6					
		Overview of Biotechnology	6					
	2.2	Current status of industrial Biotechnology in Malaysia	7					
		2.2.1 The Malaysian Biotechnology Policy	8					
	15.300 1730	2.2.2 The 9 th Malaysia Plan	8					
		Different level of education in Malacca	9					
	2.4	The link between knowledge and attitudes towards						
_		biotechnology	10					
3		SEARCH METHODOLOGY	11					
	3.1	Location of Study	11					
	3.2	Population and Sample	12					
	3.3	Scope and Limitations	12					
	3.4	Parameter	12					
	3.5	Instruments of survey	13					
	3.6	Sampling technique	14					
	3.7	Method of data collection	15					
	3.8	Research framework	15					
	3.9	Flow chart of work design	16					
	3.10	9	16					
	3.11		17					
	3.12		17					
	3.13		18					
	3.14		18					
	3.15	Correlation	19					

4	RESU	JLTS AND DISCUSSION	20
	4.1	Response Rate	20
	4.2	Demographic Information	21
		4.2.1 Gender	21
		4.2.2 Age	22
		4.2.4 Race	23
	4.3	Descriptive analysis	24
	4.4	Knowledge	29
		4.4.1 One-Way Analysis of Variance (ANOVA)	29
		4.4.2 Correlation for knowledge	30
	4.5	Attitude	31
		4.5.1 One-Way Analysis of Variance (ANOVA)	31
		4.5.2 Correlation for Attitude	32
	4.6	Normality Analysis	32
	4.7	Reliability Analysis	33
5	CONCLUSION AND RECOMMENDATION		35
	5.1	Conclusion	35
	5.2	Recommendation	36
CIT	37		
APP	41		
CUR	62		

ABSTRACT

A STUDY ON KNOWLEDGE AND ATTITUDE OF DIFFERENT LEVEL OF EDUCATION REGARDING BIOTECHNOLOGY APPLICATION IN MALACCA

Biotechnology is one of the five cores technologies that will drive the transformation of Malaysia into a leading industrial country by 2020. According to the theory of decision-makers, one has only to shape attitudes toward technology and applications after they receive the relevant information. Therefore it is important to assess the knowledge and attitudes of students towards biotechnological applications. Today's students must be alert with the risks and benefits of biotechnology to make intelligent decisions about science are for them and future generations. The purpose of this survey is to assess the knowledge and attitudes of different education levels in Melaka for biotechnological applications. A survey was conducted on 176 respondents from different educational levels students from secondary school, diploma / integral / matriculation / pre-university, undergraduate and master and higher. The results showed an overall mean score for knowledge of biotechnology applications in which high school is the highest in comparison with the level of education among others. This is a surprising result because it is expected the master level knowledge of biotechnology applications have the higher awareness. In addition, positive reaction showed in the attitudes towards biotechnology application. ANOVA was used to show the different between knowledge and attitudes of the different levels of education to biotechnology applications.