

UNIVERSITI TEKNOLOGI MARA

**PREDICTORS OF FRESH ORGANIC
FRUITS AND VEGETABLES
CONSUMPTION THROUGH
INTENTION OF CONSUMPTION**

NUR HAZWANI BINTI MOHAMMAD AZAM

Thesis submitted in fulfillment
of the requirements for the degree of
Master of Science

Faculty of Plantation and Agrotechnology

August 2016

ABSTRACT

Since the environmental awareness is increasing among the consumers, most of them decide to change their food consumption pattern to organic food. This trend had caused a lot of research and studies to be conducted to further understand the underlying factors that can lead to the behaviour. Theory of Planned Behaviour is a famous framework that had been used by researchers to understand factors that influence the intention and actual behaviour of organic consumption. There are also other factors that influence the intention and actual behaviour of organic consumption apart from the three main variables in Theory of Planned Behaviour (attitude, subjective norm and perceived behavioural control). This study applied the Theory of Planned Behaviour and added other independent variables (health awareness and personal norm) to find out the main factors that can predict the intention to consume fresh organic fruits and vegetables of the respondents who never consumed fresh organic fruits and vegetables before. It is found out that two independent variables from Theory of Planned Behaviour, subjective norm and perceived behavioural control are significantly influence the intention to consume fresh organic fruits and vegetables. One of the added variables, personal norm that represent environmental awareness is also found significant. It shows that the Theory of Planned Behaviour can be improved by adding personal norm to predict the intention to consume fresh organic fruits and vegetables among the consumers who never consumed fresh organic fruits and vegetables before.

ACKNOWLEDGEMENTS

All praise and thanks is due to Allah. The One, The Only and The Invisible Creator and Sustainer of the world. To Him, we belong and to Him we will return. I wish to thank Him for all that He has gifted us with although, He can never be praised or thanked enough.

I would like to take this opportunity to thank my supervisor, Prof. Dato' Dr. Hj. Nasuddin Othman for his continuing support, endless patience and motivation and excellent mentorship. My thanks also go to Prof. Rosidah Musa for her constant encouragement and valuable suggestions throughout the progress of my experimental work and writing up of this project.

The most important part of my life is my family. I would never have been able to accomplish any of my goals without the support of my family members. I am also indebted to my parents which have always there when I need them. I will never be able to express my gratitude. To my mother and father, thank you for your endless prayer and constant encouragement. To my friend who has been more like a family to me, Tuan Sharifah Mas Eza for her endless support, help, encouragement and love that helped me throughout my research.

Thanks to all my friends and well-wishers for their encouragement which inspired me to complete this project. May Allah bless us all. Alhamdulillah.

TABLE OF CONTENTS

	Page
CONFIRMATION BY PANEL OF EXAMINERS	ii
AUTHOR'S DECLARATION	iii
ABSTRACT	iv
ACKNOWLEDGEMENT	v
TABLE OF CONTENTS	vi
LIST OF TABLES	x
LIST OF FIGURES	xii
LIST OF ABBREVIATIONS	xiii
CHAPTER ONE: INTRODUCTION	1
1.1 Introduction	1
1.2 Background of Study	3
1.3 Problem Statements	5
1.4 Objectives of Study	7
1.5 Research Questions	9
1.6 Hypotheses	10
1.7 Scope and Limitations of The Study	11
1.8 Significance of Study	11
1.9 Definition of Variables	12
1.10 Summary	13
1.11 Organization of Remaining Chapters	13
CHAPTER TWO: LITERATURE REVIEW	15
2.1 Overview	15
2.2 Organic Agriculture	16
2.2.1 Worldwide Organic Agriculture	20
2.2.2 Organic Agriculture in Asia	22
2.2.3 Organic Agriculture in Malaysia	23
2.2.4 Challenges in Organic Agriculture	26

2.3	Consumer Behaviour and Preference	26
2.3.1	Consumer Analysis	27
2.3.1.1	Types of Consumers	27
2.3.2	Determinants of Consumer Analysis	28
2.3.3	Consumer Affect and Cognition	28
2.3.4	Consumer Attitude	30
2.3.5	Consumer Behaviour	32
2.4	Intention of Consumption	33
2.5	Reasons for Purchasing Organic Products	35
2.5.1	Values That Motivate Organic Food Choice	39
2.6	Barriers for Purchasing Organic Products	42
2.7	Marketing of Organic Products	44
2.8	Summary	45
CHAPTER THREE: THEORETICAL FRAMEWORK		46
3.1	Overview	46
3.2	Review on Theories	46
3.2.1	Theory of Reasoned Action	46
3.2.2	Theory of Planned Behaviour	47
3.2.3	The Norm-Activation Theory	51
3.3	The Proposed Model	53
3.4	Summary	55
CHAPTER FOUR: METHODOLOGY		57
4.1	Overview	57
4.2	Variables	57
4.2.1	Independent Variables	58
4.2.2	Dependent Variable	59
4.3	Instrument Construction	59
4.3.1	Questionnaire Design	59
4.3.2	Data Collection	61
4.4	Reliability Test and Pilot Study	62
4.5	Data Analysis	63