

Copyright is owned by the Author of the thesis. Permission is given for a copy to be downloaded by an individual for the purpose of research and private study only. The thesis may not be reproduced elsewhere without the permission of the Author.

The Japanese Market for Organic Fruit and Vegetables

A thesis presented in partial fulfilment of the requirements for the degree
of Masters of Business Studies in Agricultural Business
at Massey University

Kerry Betteridge

1997

Abstract

This thesis reports the results of a study conducted in 1997 concerning Japanese consumers' awareness and consumption of organic fruit and vegetables, and their attitudes towards organic produce, food imports in general, and New Zealand in particular, as a supplier of organic produce. The study involved a self-completion survey of 998 Japanese consumers, a further 22 personal interviews with both consumers and people in the food industry, and observations of the retailing and merchandising of organic produce in Japan.

Despite difficulties associated with the Japanese organic market, the study concludes that there is continued potential in Japan for New Zealand organic exporters. There is a significant niche market in Japan for higher priced organic produce, although the price premiums achieved appear to limit the size of this market. New Zealand organic exporters must emphasise the safety of their product, and ensure that certification labelling and explanations are clear and comprehensive. The healthiness, taste, and freshness of the produce are also important points to emphasise in packaging or promotional materials.

Acknowledgements

Firstly I would like to express my most sincere gratitude to my chief supervisor, Professor Philip Gendall, for his support and guidance in writing this thesis. I also acknowledge the assistance of Professor Bill Bailey in his role as the second supervisor.

I am also deeply indebted to the numerous people in Japan who helped make this research project possible: Mrs Kaneko, Mr Ochiai, Mr Haga, Mrs Nishida, Mr Takazawa, Mr Hirayama, Mr Saito, Mrs Kosuda, Mr Nakamura, Mrs Nagata, and to all those who partook in the survey.

I would also like to acknowledge the assistance of the Japan External Trade Organisation in both Auckland and in Tokyo, as well as the various members of the Organic Products Exporters Group (OPEG) from whom I received assistance.

A sincere thank you must go to my family and friends for their invaluable support and encouragement through out the duration of this research.

Finally but most importantly, I acknowledge God, without whom none of this would have been possible.

TABLE OF CONTENTS

	Page
List of Tables	v
List of Figures	v
1. SUMMARY	1
2. INTRODUCTION	5
2.1 BACKGROUND	5
2.2 ORGANICALLY-GROWN PRODUCE: A DEFINITION.....	5
2.3 SUMMARY.....	10
2.4 THE DEMAND FOR ORGANICALLY-GROWN PRODUCE	10
2.5 ORGANIC PRODUCTION AND MARKETING IN NEW ZEALAND.....	12
2.6 OBJECTIVES OF THE STUDY.....	17
2.7 OUTLINE OF THESIS	18
3. THE JAPANESE MARKET FOR ORGANICALLY-GROWN PRODUCE	18
3.1 INTRODUCTION	18
3.2 ORGANIC STANDARDS.....	21
3.3 REQUIREMENTS FOR ORGANIC PRODUCE IMPORTS	21
3.4 FOOD DISTRIBUTION ISSUES.....	22
3.5 FOREIGN ENTRY INTO THE JAPANESE MARKET	22
4. METHODOLOGY	23
4.1 OVERVIEW	23
4.2 CROSS-CULTURAL COMMUNICATION ISSUES.....	23
4.3 CROSS CULTURAL COMMUNICATION: AN OVERVIEW	24
4.4 JAPAN; CULTURE AND CONTEXT	29
4.5 METHOD.....	35
5. RESULTS	41
5.1 INTRODUCTION.....	41
5.2 CONSUMER AWARENESS.....	41
5.3 CONSUMER BEHAVIOUR	43
5.4 CONSUMER ATTITUDES.....	52
5.5 SUMMARY	57
6. DISCUSSION	59
6.1 CONSUMER AWARENESS.....	59
6.2 CONSUMER BEHAVIOUR	59
6.3 CONSUMER ATTITUDES	64
6.4 PRICE	66
6.5 PROMOTIONS.....	69
6.6 LIMITATIONS AND BIASES	70
6.7 RECOMMENDATIONS.....	71
6.8 SUGGESTIONS FOR FURTHER RESEARCH	72
7. REFERENCES	75

8. APPENDICES	83
8.1 APPENDIX 1: Guidelines for Labelling on Organic Farm Products.....	84
8.2 APPENDIX 2: Special Guideline for Description System of Yuki Vegetables and Fruits .	85
8.3 APPENDIX 3: Organic Farming Practices versus Conventional Farming Practices .	86
8.4 APPENDIX 4: Organic Produce as a Percentage of Total Exports	87
8.5 APPENDIX 5: Comparing Adjectives in Three Languages.....	88
8.6 APPENDIX 6: The Survey Questionnaire	89
8.7 APPENDIX 7: The Personal and Group Interview Schedule and Transcripts	92
8.8 APPENDIX 8: Summary of the Personal and Group Interview Results	168
8.9 APPENDIX 9: Observation Schedule and Results Summary	174
8.10 APPENDIX 10: Price Elasticity for Frozen Organic Mixed Vegetables	176
8.11 APPENDIX 11: Weekly Expenditures: Distributions.....	179
8.12 APPENDIX 12: Annual Income versus Weekly Expenditure on Organic Produce	180

List of Tables

1. Respondent description.....	37
2. Understanding of the term ‘organic’	42
3. Categories of ‘organic’ produce ever bought.....	43
4. Types of organic produce ever bought	44
5. Fresh organic vegetables purchased in the last three months	45
6. Fresh organic fruit purchased in the last three months.....	45
7. Organic fruit or vegetable juice purchased in the last three months	46
8. Frozen organic vegetables purchased in the last three months.....	46
9. Preferred bag size for frozen produce.....	47
10.Canned organic fruit or vegetables purchased in the last three months.....	47
11.Frequency of purchase: ‘ <i>General Public</i> ’	49
12.Frequency of purchase: <i>Organic Group</i>	49
13.Place of purchase of organic produce.....	50
14.Mean weekly expenditure on organic produce	51
15.Preferred origin of organic produce	53
16.Reasons for preferences for locally grown organic produce.....	53
17.Rank order of preferred import countries	54
18.Reasons for first choice country.....	54
19.Important factors concerning organic fruit and vegetables.....	55
20.Perceptions of organic fruit and vegetables	56
21.Attitudes concerning organic fruit and vegetables	57

List of Figures

1. Exports by Product Type	15
2. Markets for New Zealand Organic Produce.....	16
3. Price Elasticity ‘ <i>General Public</i> ’	52
4. Price Elasticity <i>Organic Groups</i>	52