STUDY ON MARKETING EXTENSION WITH RESPECT TO CINNAMON QUILLS PRODUCTION IN MATARA DISTRICT



R. P. SUDARSHA SUNETH JAYAMPATHI EU/IS/2002/AG/29



FACULTY OF AGRICULTURE EASTERN UNIVERSITY
SRI LANKA
2007

ABSTRACT

Cinnamon (*Cinnamomum zelanicum*), an indigenous spice in Sri Lanka, has decreased in its total production and the average yield without many changes in the extent of cultivation during the last two decades. Although cinnamon is one of the major spices important in export economy that exported more than 90% of the total production, cinnamon growers are not satisfied with continuing this crop. Because, profit of this industry is low due to very high price of cinnamon lands is not matching with the opportunity cost of cinnamon cultivation, high market margin, poor marketing extension activities related to cinnamon quills production, high cost of production, over-burdened by the lack of skilled labour for harvesting and processing. These have presently created an uncertainty regarding the future of the cinnamon cultivation in the Matara district.

This study investigated into marketing extension with respect to cinnamon quills production in Matara district. A field survey was conducted covering 50 cinnamon farmers in three divisional secretariats in Matara district during the period of October to November 2007. Objective of this study was to examine the marketing problems of the cinnamon farmers and suggest ways to improve the cinnamon marketing.

Study reveals that there were several marketing problems of cinnamon farmers such as shortage of skilled labour (94%), low labour productivity, very high cost of harvesting and processing (50% of income), use of inappropriate technology (all the farmers use drying under shade), traditional management of processing and grading (92% do not practice any grading before selling), lack of market information to the growers, lack of knowledge about quality requirements (68 % of respondents have poor sanitary condition of their processing shelter and final product), inadequate government subsidies (16%) and lack of entrepreneurial skills of the growers and low profitability.

In the study area the average net income of the cinnamon farmer was Rs 9640/month and the middle man margin was Rs 114/kg while the farmer's profit margin was Rs126/kg, indicating that middle man obtained significantly higher profit than the producer. Development of appropriate machinery, education and training of peelers, make producer aware of the proper sanitary standards, provide necessary institutional support, eliminating the middleman involvement and supply of subsidized credit facilities identified as recommendations to improve the einnamon marketing.

TABLE OF CONTENTS

	Page No.	
Abstract	I	
	ementII	
	tentsIII	
	vii	
	18IX	
CHAPTER	1.0 INTRODUCTION	
1.	1.1 Historical Perspective	
	1.2 Background2	
	1.3 Extent of Production and Average Yield 4	
	1.4 Main Producing Areas and Extents in Sri Lanka 5	
	1.5 Use of Cinnamon Products 5	
E	1.5.1 Cinnamon bark 6	
	1.5.2 Cinnamon oils 6	
	1.5.3 Oleoresins	
	1.5.4 Preparation of pharmaceuticals	
	1.6 Problem Statement	
	1.7 General Objective of the Study9	
CHAPTER	2.0 REVIEW OF LITERATURE	
	2.1 Introduction to Agricultural Extension10)
	2.2 Definition of Agriculture Extension	0

2.3 Mai	rketing Extension 1	1
2.4 Rol	e of Agriculture Marketing Extension 1	2
2.5 Cor	mmunication Process within Extension System1	2
2.6 Ext	ension Services for Cinnamon Sector	3
2.7 Gov	vernment Activities: Cluster Village Programme1	4
2.8 Ma	jor Functions of the Department of Export Agriculture	4
2.8	.1 Rural credit	15
2.8	.2 Subsidy schemes	15
2.9 Edi	ucation and Awareness	16
2.10 H	arvesting and Processing	16
2.1	0.1 Harvesting	18
2.1	10.2 Scraping	18
2.1	10.3 Rubbing	18
2.	10,4 Peeling:	18
2.	10.5 Shade drying before quill making	18
2.	10.6 Quills making	19
2.11 I	_abour Use	19
	Grades of cinnamon	
2.13 (Current Status of Quality of Cinnamon in Sri Lanka	23
2.14	Commercial Specification of Cinnamon	25
2.15	Marketing Channels	25
2.16	Marketing	27
	16 Agricultural marketing	
	.16.2 Aspect of marketing	
2	16.2 Marketine function	

	2.17 Total Cinnamon Production
	2.18 Export Markets of cinnamon
	2.19 Cost income Dividends
	2.20 Conceptual framework
CHAPTER	3.0 RESEARCH METHODOLOGY
	3.1 Description of the Study Area33
	3.2 Sampling Procedure35
	3.3 Method of Data Collection
	3.3.1 Primary data collection35
	3.3.2 Secondary data collection36
#E #	3.3.3 Pre-testing and Interviewing
	3.4 Data Analysis
	8
CHAPTER	R 4.0 RESULT AND DISCUSSION
73	4.1 Socio-Economic Characters of Cinnamon Farmers
	4.1.1 Educational level of respondents38
,	4.1.2 Income level of the cinnamon farmers
	4.2 Cinnamon Land Size Holding and Production39
	4.3 Marketing Problem
	4.3.1 Harvesting and processing40
	4.3.2 Quality of Quill Products
	4.3.3 Problem of drying
	4.3.4 Problem related with time of harvesting41
	4.3.5 Sanitary condition of the peeling shad and quill product 42
	4 3 6 Improper grading

4.3.7 Problem related with the storage of the quill product
4.3.8 Problem related with the weighing and pricing
4.3.9 Problem related with the labour use in cinnamon industry 45
4.4 Marketing Channel
4.5 Marketing Margin
4.5.1 Farmer's margin
4.5.2 Middle man margin
4.5.3 Overall marketing margin
4.5.4 Net income of the cinnamon farmers
4.5.4 Net income of the crimation and 4.6 Extension Aactivities
4.6.1 Information sources on marketing
4.6.2 Information sources on processing and grading
4.6.3 Services provide to the cinnamon farmer
4.7 Relationship between Net Income and Basis of Labour Cost Payment
4.8 Relationship between Age of the Crop and The Level of Production
, 4.9 Factors Affecting to the Net Income of the Cinnamon Farmers
CHAPTER 5.0 SUMMARY, CONCLUSIONS AND RECOMMENDATIONS
5.1 Summary 50
5.2 Conclusion
5.3 Recommendation 5
LIST OF REFERENCES 6
A DDENIDLY 6