

CONTENTS

<u>Chapter</u>	<u>Title</u>	<u>Page</u>
1.	INTRODUCTION	1-11
1.1.	Importance of the Problem	3
1.2.	Objectives of the Study	6
1.3.	Hypotheses	7
1.4.	Methodology and Data Source	7
1.5.	Plan of the Study	10
2.	REVIEW OF LITERATURE	12-28
2.1.	Growth Rates in Agricultural Output and Its Disaggregation	12
2.2.	Decomposition of Growth Trends in Agricultural Production	17
2.3.	Sources of Productivity in Agricultural Crop Production	19
2.4.	Cost-Price Structure and Other Factors as Determinants of Cropping Pattern Changes	23
3.	PERFORMANCE OF AGRICULTURE WITH SPECIAL REFERANCE TO PADDY CROP	29-63
3.1.	REVIEW OF THE PERFOFMANCE OF AGRICULTURAL SECTOR IN KERALA	29
3.1.1.	Kerala - Location and Area	29
3.1.2.	Land use Pattern in Kerala	31
3.1.3.	Sector wise Analysis of N D P	32

3.1.4.	Growth Rates in Agricultural Production, Area and Productivity	35
3.1.5.	Changes in Cropping Pattern	37
3.2.	PERFORMANCE OF PADDY CROP IN KERALA	42
3.2.1.	Paddy Sector in Kerala and India - A Comparison	42
3.2.2.	Growth of Area Under Paddy in Kerala	44
3.2.3.	Growth Rates in Productivity	50
3.2.4.	Growth Rates in Rice Production	57
3.2.5.	Decomposition of Changes in Rice Production	61
4.	SOURCES OF PRODUCTIVITY AND PERFORMANCE OF PADDY CROP	64-83
4.1.	Spread and Performance of HYV Paddy in Kerala	66
4.2.	Fertilizer Consumption and Paddy Productivity	73
4.3.	Impact of Rainfall and Irrigation on Paddy Productivity	75
4.4.	Other Sources of Productivity	81
5.	PROFITABILITY OF PADDY CULTIVATION AND DECLINE OF AREA UNDER PADDY	84-116
5.1.	TRENDS IN PROFITABILITY OF PADDY CROP	85
5.1.1.	Cost of Cultivation of Paddy - Structure and Changes	87
5.1.2.	Analysis of Value of Output	99
5.1.3.	Profit and Profitability Trends	100
5.2.	RELATIVE PROFITABILITY OF PADDY CROP AND CONVERSION OF PADDY FIELDS FOR THE CULTIVATION OF ALTERNATIVE CROPS	105
5.2.1.	Relative Profitability of Paddy and Coconut Crops	107

5.2.2.	Per Hectare Profits and Profitability of Tapioca Compared to Paddy	109
5.2.3.	Profit and Profitability of Banana Crop in Comparison with Paddy Crop	113
6.	PUBLIC DISTRIBUTION SYSTEM AND OTHER FACTORS AS CAUSES FOR THE DECLINE OF PADDY CULTIVATION	117-125
6.1.	Role of Public Distribution System as a Price stabilising Factor	117
6.2.	Land Prices and Decline of Area Under Paddy	120
6.3.	Conversion of Paddy Fields for Non-Agricultural purposes	123
6.4.	Role of Absentee Land Owners in the Decline of Paddy Cultivation in Kerala	124
7.	PROBLEMS OF PADDY CULTIVATION IN KUTTANAD - FINDINGS OF A FIELD INVESTIGATION	126-149
7.1.	Study Area and Selection of Sample farmers	126
7.2.	Paddy Cultivation in the Study Area - Some General Features	127
7.3.	Problems of Paddy Cultivation in the Study Area	137
8.	CONCLUSION	150-157
	BIBLIOGRAPHY	158-163
	APPENDIX...	164-167