

LIST OF TABLES

	Page No.
Table 2.1 The USGS Land Use and Land Cover Classification	9
Table 2.2 The National Land use and Land Cover Classification System of NRSA.	12
Table 2.3 Moisture Index Limits and Climatic Types	31
Table 2.4 Categories of Droughts	32
Table 3.1 Rivers of Kerala	38
Table 3.2 Water Holding Capacity of Soils	41
Table 3.3 Classification of Forests of Kerala	44
Table 4.1 Agro-climatic Zones of Kerala	51
Table 5.1 Kerala Land Use Changes (%)	70
Table 5.2 Thiruvananthapuram District - Land Use (%)	72
Table 5.3 Kollam District - Land Use (%)	73
Table 5.4 Alappuzha District - Land Use (%)	74
Table 5.5 Kottayam District - Land Use (%)	75
Table 5.6 Ernakulam District - Land Use (%)	76
Table 5.7 Thrissur District - Land Use (%)	77
Table 5.8 Palakkad District - Land Use (%)	78
Table 5.9 Kozhikode District - Land Use (%)	78
Table 5.10 Kannur District - Land Use (%)	79
Table 5.11 Kerala - Overall Land Use (%)	81
Table 6.1 Shift in Cropping Pattern in Kerala	84
Table 6.2 Changes in Area, Production and Yield of Paddy in Kerala	87a
Table 6.3 Changes in Area, Production and Yield of Tapioca in Kerala	88a
Table 6.4 Changes in Area, Production and Yield of Coconut in Kerala	89a

Table 6.5	Changes in Area, Production and Yield of Rubber in Kerala	90a
Table 6.6	Weighted Composite Level of Agricultural Efficiency in Kerala	93
Table 6.7	Gross Area Under Irrigation and Total Cropped Area in Kerala	96
Table 6.8	Coefficient of Variability and Coefficient of Determination of Area, Production and Yield of Major Crops - Attingal	98
Table 6.9	Coefficient of Variability and Coefficient of Determination of Area, Production and Yield of Major Crops - Cherthala	99
Table 6.10	Coefficient of Variability and Coefficient of Determination of Area, Production and Yield of Major Crops - Kottayam	99
Table 6.11	Coefficient of Variability and Coefficient of Determination of Area, Production and Yield of Major Crops - Malayattoor	100
Table 6.12	Coefficient of Variability and Coefficient of Determination of Area, Production and Yield of Major Crops - Kodungalloor	102
Table 6.13	Coefficient of Variability and Coefficient of Determination of Area, Production and Yield of Major Crops - Mannarakkad	103
Table 6.14	Coefficient of Variability and Coefficient of Determination of Area, Production and Yield of Major Crops - Kannur	103