

## LIST OF TABLES

Table No.	Contents	Page
Table 1.1:	Selected Village Development Committees	29
Table 1.2:	Size Wise Distribution of Sample Farms	30
Table 2.1:	Real Gross Domestic Product of Nepal at Factor Cost	36
Table 2.2:	Growth Rates of Real GDP, Agricultural GDP and Non-Agricultural GDP during 1990/91- 2001/02	38
Table 2.3:	Sectoral Composition of GDP	40
Table 2.4:	Income and Expenditure by Deciles (1996)	42
Table 2.5:	Average Annual Income by Selected Characteristics	43
Table 2.6:	Growth Trends of Foreign Trade of Nepal	45
Table 2.7:	Important Macro-Economic Indicators of Nepal	46
Table 2.8:	SAARC Membes' GNI Per Capita	47
Table 2.9:	Structure of SAARC Countries Economy-2001	48
Table 2.10:	Distribution of Income in the SAARC Members	48
Table 2.11:	Extent of Poverty in SAARC Region (1995)	49
Table 2.12:	Volume of Foreign Trade in Percentage	50
Table 2.13:	Government Tax Revenue and Foreign Aid as Percentage of GDP	51
Table 2.14:	Inter-censal Population Growth Rates in Nepal	51
Table 2.15:	Review of Achievements during Fourth Five-Year Plan	56
Table 2.16:	Review of Achievements in the Agriculture Sector during Fifth Plan	57
Table 2.17:	Targets and Achievements during the Sixth Plan Period	58
Table 2.18:	Gross Domestic Product under 7th Plan	59
Table 2.19:	Productivity of Some Major Food Grains and Cash Crops in the Seventh Plan	60
Table 2.20:	Productivity of Some Major Food Grains and Cash Crops During the Eighth Plan	61
Table 2.21:	Average GDP Growth Under the Five-Year Plans of Nepal	63
Table 2.22:	Land Distribution Pattern - Census 1991/92 and 2001/02	65
Table 3.1:	Land Distribution by Farm Size in Nepal, 2001	69
Table 3.2:	Comparative Data on Holdings in Nepal, 1961-2001	70

Table 3.3:	Comparative Data on Land Use, 1961-2001	72
Table 3.4:	Holdings Using Different Inputs for Selected Crops, Nepal	74
Table 3.5:	Number of Holdings with Agricultural Credit by Source, Nepal	75
Table 3.6:	Area Benefited with Irrigation, Nepal, 1961/62 to 2001/02	76
Table 3.7:	Holding Area Per Head of Population in Nepal, 1962 to 2001	77
Table 3.8:	Current Land Use of Morang District	79
Table 3.9:	Area, Production and Productivity of Major Crops in Morang District	81
Table 3.10:	Cropping Pattern in the Sampled Area	82
Table 3.11:	Operational Area, Gross Cropped Area, Total Irrigated Area and Percentage of Irrigated Area to Total Cropped Area in the Sampled Area	84
Table 3.12:	Average Size of Farm and Cropping Intensity in the Sampled Area (All Farms)	85
Table 3.13:	Average Size of Operational Holding in the sampled area.	86
Table 3.14:	Pattern of Land Holding in the sampled area.	87
Table 3.15:	Average Value of Assets in the sampled area.	88
Table 3.16:	Average Value of Assets in Moderately Developed Area	88
Table 3.17:	Average Value of Assets	88
Table 3.18:	Average Value of Assets of all the Farm Families in the Sampled Area	89
Table 3.19:	Share of Farm and Non-Farm Income on Gross Family Income	90
Table 3.20:	Share of Farm and Non-Farm Income on Gross Family Income in the sampled area.	91
Table 3.21:	Share of Farm and Non-Farm Income on Gross Family Income in the sampled area.	91
Table 3.22:	Share of Farm and Non - Farm Income on Gross Family Income in the sampled area.	91
Table 3.23:	Annual Average Family Net Income by Size Group	93
Table 4.1:	Credit/Deposit Ratio of Banks	110
Table 4.2:	Ratio of Disbursed Amount to Total Disbursable Fund	110
Table 4.3:	Percentage of Amount Disbursed Against Total Recoveries	111
Table 4.4:	Ratio of Overdue to Total Credit	112
Table 4.5:	Sectoral Overdue Loans	113

Table 4.6:	Sector-Wise Overdue Loans of ADB/N	113
Table 4.7:	Ratio of Interest Paid on Deposits to interest Income from Advances	114
Table 4.8:	Supply of Farm Inputs to Farmer Borrowers on the Basis of Timeliness and Adequacy	115
Table 4.9:	Supply of Loans to Farmer Borrowers by Formal Credit Institutions on the Basis of Timeliness and Adequacy	116
Table 4.10:	Rate of Interest on Agricultural Loans	117
Table 4.11:	Factors Accounting for Poor Repayment of Loans	118
Table 4.12:	Recovery of Loans from Farmer Borrowers According to Size Class of Holdings	120
Table 5.1:	Share of Rural Credit in Total Credit of Formal Financial Institutions	123
Table 5.2:	Percentage Share of Different Financing Agencies in Agricultural Credit in Nepal	124
Table 5.3:	Loan Disbursement by ADB/N - by Purpose	130
Table 5.4:	Pattern of Credit Disbursement by Agricultural Development Bank	133
Table 5.5:	Loan Disbursement by Agricultural Development Bank	134
Table 5.6:	Total Credit Disbursement by Commercial Banks	137
Table 5.7:	Loan Disbursement by Commercial Banks	138
Table 5.8:	Loan Disbursement by Commercial Banks	139
Table 5.9:	Existing Supply of Institutional Agricultural Credit	140
Table 5.10:	Average Value of Output per Hectare of Major Crops in Nepal, (1991/92)	144
Table 5.11:	Average Cost of Production per Hectare	145
Table 5.12:	Average Cost of Production per Hectare (Including Imputed Value of Family Labour) in Nepal	146
Table 5.13:	Value of Output of Major Crops Grown in Nepal, 1991/92	147
Table 5.14:	Value of Output of All Crops in Nepal in 1991/92	147
Table 5.15:	Cash and Kind Expenditure for Cultivation of All Crops in Nepal	148
Table 5.16:	Cash and Kind Expenditure + Imputed Value of Family Labor for All Crops Cultivation in Nepal	148
Table 5.17:	Incremental Financial Requirement for Crop Production	150
Table 5.18:	Total Incremental Financial Requirements of Rural Households for All Economic Activities	151

Table 5.19:	Proportion of Sample Households Reporting Borrowing from Institutional Sources during 1991/92	152
Table 5.20:	Average Institutional per Household Borrowing during 1991/92	152
Table 5.21:	Average Borrowing per Rural Household Including both Institutional and Non-Institutional Borrowing during 1991/92	153
Table 5.22:	Projected Credit Supply from ADB/N - Component Wise	154
Table 5.23:	Projected Total ADB/N Credit Supply	155
Table 5.24:	Projected Credit Supply by Commercial Banks	156
Table 5.25:	Projected Institutional Credit Supply to the Rural Sector	157
Table 5.26:	Projected Demand and Supply of Credit and the Credit Gap	158
Table 5.27:	Estimates of value of Coefficients and Test Statistics of the Demand Function for Marginal Farmers in Low Developed Area	164
Table 5.28:	Estimates of value of Coefficients and Test Statistics of the Demand Function for Marginal Farmers in Moderately Developed Area	166
Table 5.29:	Estimates of value of Coefficients and Test Statistics of the Demand Function for Marginal Farmers in Developed Area	167
Table 5.30:	Estimates of value of Coefficients and Test Statistics of the Demand Function for All Marginal Farmers in Morang District	168
Table 5.31:	Estimates of value of Coefficients and Test Statistics of the Demand Function for Small Farmers in Low Developed Area	170
Table 5.32:	Estimates of Value of Coefficients and Test Statistics of the Demand Function for Small Farmers in Moderately Developed Area	171
Table 5.33:	Estimates of value of Coefficients and Test Statistics of the Demand Function for Small Farmers in Developed Area	172
Table 5.34:	Estimates of value of Coefficients and Test Statistics of the Demand Function for All Small Farmers in Morang District	173
Table 5.35:	Estimates of Value of Coefficients and Test Statistics of the Demand Function for Medium and Large Farmers in Low Developed Area	174
Table 5.36:	Estimates of value of Coefficients and Test Statistics of the Demand Function for Medium and Large Farmers in Moderately Developed Area	175
Table 5.37:	<b>Estimates of Value of Coefficients and Test Statistics of the Demand Function for Medium and Large Farmers in Developed Area</b>	176

Table 6.1:	Production Elasticities of the Respective Factors of Production for Marginal Paddy Farmers in Low Developed Area	190
Table 6.2:	Production Elasticities of the Respective Factors of Production for Marginal Paddy Farmers in Moderately Developed Area	191
Table 6.3:	Production Elasticities of the Respective Factors of Production for Marginal Paddy Farmers in Developed Area	192
Table 6.4:	Production Elasticities of the Respective Factors of Production for All Sampled Marginal Paddy Farmers in Morang District	193
Table 6.5:	Production Elasticities of the Respective Factors of Production for Marginal Wheat Farmers in Moderately Developed Area	194
Table 6.6:	Production Elasticities of the Respective Factors of Production for Marginal Wheat Farmers in Developed Area	195
Table 6.7:	Production Elasticities of the Respective Factors of Production for All Marginal Wheat Farmers Combined in Morang District	196
Table 6.8:	Production Elasticities of the Respective Factors of Production for Small Paddy Farmers in Low Developed Area of Morang District	197
Table 6.9:	Production Elasticities of the Respective Factors of Production for Small Paddy Farmers in Moderately Developed Area of Morang District	198
Table 6.10:	Production Elasticities of the Respective Factors of Production for Small Paddy Farmers in Developed Area of Morang District	199
Table 6.11:	Production Elasticities of the Respective Factors of Production for All Small Paddy Farmers in Morang District	200
Table 6.12:	Production Elasticities of the Respective Factors of Production for Small Wheat Farmers in Moderately Developed Area of Morang District	201
Table 6.13:	Production Elasticities of the Respective Factors of Production for Small Wheat Farmers in Developed Area of Morang District	201
Table 6.14:	Production Elasticities of the Respective Factors of Production for All Small Wheat Farmers in Morang District.	202
Table 6.15:	Production Elasticities of the Respective Factors of Production for All Sampled Medium and Large Paddy Farmers in Morang District.	203

Table 6.16:	Production Elasticities of the Respective Factors of Production for All Sampled Medium and Large Wheat Farmers in Morang District.	204
Table 6.17:	Marginal Value Productivity Measures of the Specified Factors of Production for Marginal Paddy Farmers	206
Table 6.18:	Marginal Value Productivity Measures of the Specified Factors of Production for Marginal Wheat Farmers	206
Table 6.19:	Marginal Value Productivity Measures of the Specified Factors of Production for Small Paddy Farmers	208
Table 6.20:	Marginal Value Productivity Measures of the Specified Factors of Production for Small paddy Farmers	209
Table 6.21:	Marginal Value Productivity Measures of the Specified Factors of Production for All Medium and Large Paddy Farmers	209
Table 6.22:	Marginal Value Productivity Measures of the Specified Factors of Production for All Medium and Large Wheat Farmers	210
Table 6.23 :	MVPs of Factors of Production, Ratios of MVPs to Their Factor Costs and Percentage of Borrowed Amount to Total Amount Used on Different Resources by Marginal Paddy Farmers	211
Table 6.24:	MVPs of Factors of Production, Ratios of MVPs to Their Factor Costs and Percentage of Borrowed Amount to Total Amount Used on Different Resources by Marginal Wheat Farmers	212
Table 6.25:	MVPs of Factors of Production, Ratios of MVPs to Their Factor Costs and Percentage of Borrowed Amount to Total Amount Used on Different Resources by Small Paddy Farmers	213
Table 6.26:	MVPs of Factors of Production, Ratios of MVPs to Their Factor Costs and Percentage of Borrowed Amount to Total Amount Used on Different Resources by All Medium and Large Paddy Farmers	214
Table 6.27:	MVP of Factors of Production, Ratio of MVP to It's Factor Costs and Percentage of borrowed Amount to Total Amount Used on Different Resources by All Medium and Large Wheat Farmers	214
Table 6.28:	Mean Differences, Standard Errors, t-values and Significance for Paddy and Wheat of Sampled Marginal Farmers	216
Table 6.29:	Mean Differences, Standard Errors, t-values and significance for Paddy and Wheat of Sampled Small Farmers	217

Table 6.30:	Mean Differences, Standard Errors, t-values and Significance for Paddy and Wheat of Sampled Medium and Large Farmers	218
Table 6.31:	Per Hectare Cost of Production and Expected Production and Input-Output Coefficients as Recommended by Technicians	220
Table 6.32:	Per Hectare Cost of Production, Realized Output and Input-output Coefficients of Sampled Farms	222
Table 6.33:	Per Hectare Cost of Production, Realized Output and Input-output Coefficients of Sampled Farms	224
Table 6.34:	Per Hectare Cost of Production, Realized Output and Input - output Coefficients of Sampled Farms	226