

List of Tables

1.1	Level of Yield & Compound Growth Rate of Crops: State Wise (1990-93 const prices)	2
1.2	Inter-State Comparison of Agricultural Indicators in India	3
1.3	Yield Rate of Selected Crops in the Malda and West-Bengal	4
1.4	Natural Regions of Malda District	6
1.5	Socio-economic Profile of Malda District	11
1.6	Major crops Cultivated in Malda	13
1.7	Number of Inhabited Villages: Block wise (1991)	13
1.8	List of Sample Villages	15
2.1	The River System of Malda District	28
2.2	Physical Situation of Cultivation Land (Tal Region)	29
2.3	Physical Situation of Cultivation Land (Barind Region)	31
2.4	Physical Situation of Cultivation Land (Diara Region)	32
2.5	Textural Classification of Soil (Malda District)	35
2.6	Classification of Soil Types: Malda District	36
2.7	Soil Fertility Status: Malda District	37
2.8	Agricultural Crop Year: Malda District	39
2.9	Monthwise Average Temperature: Malda District (1995-98)	40
2.10	Month wise Rainfall: Malda District (in mm)	41
2.11	Monthwise Average Relative Humidity: Malda District (1995-98)	41
3.1	Irrigation Potentials of Malda District (2000-2001)	45
3.2	Availability of Irrigation in Malda: Region Wise	45
3.3	Water depth level: Region Wise	46
3.4	Type of Irrigation in Malda: Blockwise (2000-01)	49
3.5	Usage of Types of Irrigation in Malda: RegionWise	50
3.6	Fertiliser Awareness Level: Region Wise	51
3.7	Number of Fertilizer Depots in Malda: Block Wise (2000-01)	52
3.8	Accessibility of Fertiliser Outlets in Malda: Region Wise	52

3.9	Consumption of Fertilizer in Malda (in MT)	53
3.10	Correct Dosage of NPK: Crop Wise (kg per hectare)	54
3.11	NPK usage in Malda	54
3.12	Pesticide Awareness Level: Region Wise	55
3.13	Accessibility of Pesticide Outlets in Malda: Region Wise	55
3.14	Type of Pesticide Used in Malda: Region Wise	56
3.15	Number of Seed Depots in Malda: Block Wise (2000-01)	57
3.16	Seed Awareness Level: Region Wise	58
3.17	Accessibility of Seed Outlets in Malda: Region Wise	58
3.18	Seed Purchasing Centre in Malda: Region Wise	58
3.19	Technology Awareness Level: Region Wise	59
3.20	Technology Usage Level: Region Wise	60
3.21	Causes of Low Technology Usage: Region Wise	60
3.22	Population and Sex Ratio of Malda	61
3.23	Urbanisation in Malda	62
3.24	Population Density in Malda: Block Wise (1991)	62
3.25	Population by Religion in Malda (1991)	65
3.26	Population by Religion: Region Wise	65
3.27	Distribution of Population by SC and ST (1991)	66
3.28	Distribution of Population in Malda: Region Wise	66
3.29	Average Family Size in Malda: Block Wise (1991)	67
3.30	Average Family Size: Region wise	67
3.31	Literacy Rate in Malda (Rural)	68
3.32	Education Level in Malda: Region Wise	68
3.33	Distribution of Population by Sex and Age Group in Malda (1991)	69
3.34	Area of Operational Holding in Malda: Block Wise (1995-96)	71
3.35	Number of Operational Holding in Malda: Block Wise (1995-96)	72
3.36	Tenurial Pattern of Land in Malda: Region Wise	74
3.37	Average Land Holding by Religion in Malda: Region Wise	75

3.38	Average Land Holding by Caste of Hindus in Malda: Region Wise	75
3.39	Distribution of Population as Workers, Non-workers in Malda: Block Wise	76
3.40	Distribution of Main Workers in Malda: Block Wise (1991)	77
3.41	Availability of Labour in Malda: Region Wise	78
3.42	Type of Labour in Malda: Region Wise	78
3.43	Mode of Payment of Labour in Malda: Region Wise	78
3.44	Achievement of Regulated Marketed Committee in Malda District	84
3.45	Market Density in Malda District (1998-99)	85
3.46	Market for Primary Cultivator in Malda: Region Wise	86
3.47	Access to Markets in Malda: Region Wise	89
3.48	Availability of Institutional Help in Malda: Region Wise	92
3.49	Availability of Credit in Malda: Region wise	92
4.1	Land Use Pattern: Block wise (1998-99)	95
4.2	Land use Dynamics: Malda District	98
4.3	Depth Of Water Table At Selected Places In Malda	100
5.1	Scale used for Index Range: Cluster Analysis	117
5.2	Block wise Index of Area under Crop Groups for 1997-98 to 2000-01	118
5.3	Initial Cluster Centers	118
5.4	Final Cluster Centers	118
5.5	Growth trend of cereals in Malda: Region wise (1993-94 to 2000-01)	129
5.6	Growth trend of pulses in Malda: Region wise (1993-94 to 2000-01)	130
5.7	Growth trend of oilseed in Malda: Region wise (1993-94 to 2000-01)	130
5.8	Growth trend of cash crop in Malda: Region wise (1993-94 to 2000-01)	131
5.9	Growth trend of cereals in Malda: Cluster wise (1993-94 to 2000-01)	131
5.10	Growth trend of pulses in Malda: Cluster wise (1993-94 to 2000-01)	132
5.11	Growth trend of pulses in oilseed: Cluster wise (1993-94 to 2000-01)	132
5.12	Growth trend of pulses in Malda: Cluster wise (1993-94 to 2000-01)	132
5.13	Growth trend of crop groups in Malda: Cluster wise (1993-94 to 2000-01)	133
5.14	Theoretical distribution of cropped area	139

5.15	Analysis of Crop Combination for Malda district, (1993-94 to 2000-01)	140
5.16	Crop wise % area & cumulative % cropped area for Malda (1993-94 to 2000-01)	144
5.17	Number of Significant crops: Block wise	153
7.1	Categorization of Productivity Indices	180
7.2	Growth Trend of Cereals: Block wise (1993-94 to 2000-01)	208
7.3	Growth Trend of Mustard and Mango: Block wise (1993-94 to 2000-01)	210