LIST OF MAPS

Fig.No.	<u>Title</u>	Page
1.1	Administrative division	15
1.2	Relief and Drainage	18
1.3	Relief division	20
1.3 A	Hills and Ghats	20
1.3 B	Foot Hills	20
1.3 C	Plains	20
1.4	Kolhapur district	24
1.4 A	Number of rainy days .	24
1.4 B	Rainfall	24
1.4 C	Intensity of rainfall	24
1.5	Soils	28
1.6	Density of population (1981)	32
1.7 A	Length of roads per 100 sq.kms. 1978.	36
1.7 B	Percentage of electrified villages (1981).	36
2.1 B	Intensity of irrigation	5 1
2.1 A	Area under sugarcane	51
2.2 A	Wooden ploughs	59
2.2 B	Iron ploughs	59
2.3	. Availability of tractors	_, 63
2.4 A	Oil engines	66
2.4 B	Electric pumps	66
4.1 A	Trends of tractor diffusion in Karveer tahsil	93-
4.1 B	Trends of tractor diffusion in Hatkanagale	
	tahsil	93

List of Maps conti...

Fig.No.			<u>Title</u>		Page
4.2 A	Trends of tr	actor	diffusion in	Panhala tahsil	95
4.2 B	H	H	11	Shirol "	95
4.3 A	11	11	11	Kagal "	98
4.3 B	H	п	11	Gadhinglaj "	98
4.4 A	ti	11	11	Shahuwadi "	101
4.4 B	tt .	11	ıı	Radhanagari "	101
4.5 A	11	н	Ħ	Chandgad "	105
4.5 B	11	11	st	Ajara "	105
4.6 B	11	61	H	Bhudargad "	108
4.6 A	11	u	H	Gaganbavada "	108
5.1 A	Relationship	of e	ducation with	adoption score	
	of tractor			•	123
5.1 B	Relationship	of a	ge with adopt	ion score of	
	tractor		•		123
5.2 A	Relationship	of a	gricultural k	nowledge with	
	adoption sco	re of	tractor		130
5.2 B	Relationship	of s	ize of family	with adoption	
	score of tra	actor			130
5.3 A	Relationship	of c	osm o politenes	s with adoption	
	score of tra	actor		-	137
5.3 B	Relationship	of f	ormal social	participation	
	with adoption	n sco	re of tractor		137
5.4 A	Relationship	of 1	ncome with ad	option score	
	of tractor				140
5.4 B	Relationship	of f	arm size with	adoption score	
	of tractor				140

List of Maps conti...

Fig.No.	<u>Title</u>	Page
5.5 A	Relationship of irrigated area with adoption	
	score of tractor	147
5.5 B	Relationship of area under sugarcane with	
r	adoption score of tractor	147
5.6 A	Relationship of agricultural training with	
	adoption score of tractor	156
5.6 B	Relationship of information seeking through	
	participation with adoption score of tractor	156
5.7 A	Relationship of information seeking through	•
	observation with adoption score of tractor	162
5.7 B	Relationship of information seeking through	\
	mass media with adoption score of tractor	162
6.1	Karveer tahsil, Relief and drainage	174
6.2 A	Karveer tahsil, intensity of irrigation	176
6.2 B	Karveer tahsil, sugarcane cultivation	176
6.3	Karveer tahsil 1st ranking crops	179
6.4	Karveer tahsil 2nd ranking crops	181
6.5	Karveer tahsil 3rd ranking crops	183
6.6	Propability field (the floating grid)	185
6.7 A	Probability field (accumulated intervals	
	for M.I.F.)	186
6.7 B	Grid divisions	186
6.8	Location of villages in Karveer tahsıl	187
6.9	Realistic distribution of tractors in Karveer	
	tahsil	189

List of Maps conti...

Fig.No.	<u>Title</u>	Page
6.10	Realistic pattern of tractors in Karveer	
	tahsil	191
6.11	Simulated distribution of tractors in	
	Karveer tahsil	193
6.12	Simulated pattern of tractors in Karveer	
	tahsil	195