LIST OF TABLES

Table Rg.	Title	Paga flo.	
1.1	Statewise rainfed ureas in India		
1,2	Distribution or eres under arid and semi-erid some in Gujarat	G	
1.3	Districtwise rainfed arous in Gujarat	9	
1.4	Districtwise unnual average rainfall and its variability in Gujerat 1960-1961	13	
1.5	Number of villages affected by acur- city/semi-scarcity in Gujaror state during 1950-61 to 1979-80	14	
1.6	Total number of fermers in sample village and proportionate selection of the farmers from the different size-groups for the stady.	26	
3,1	Lend utilization in Fajkot toluke and district.	74	
3.2	Area under principal crops in Rajkot district = 1981-82	76	
3.3	Lovel and variability of yields, product prices, games returns and anneage of the principal dryland grops in Rajkot district.	78	
3.4	Land and population - sample villages	82	

Table No.	<u>Fitle</u>	Page No.	
3.5	Cropping patterns of sample villages 1981-82	84	
3.6	Land use pattern of sample forms by sixe-group of holdings.	68	
3.7	Cropping pattern of sample farmers	92	
3,8	Fomily size and family workers according to size-group of land holding.	94	
3.9	Educational leval of sample farmers	97	
3,10	Celected households according to subsidiary occupations	99	
3.11.1	Average number of livestock and their values per household.	101	
3.11.2	Average number of livestock per hectors of gross-cropped area	104	
3,12	Famm inventory held by the sample farmers	106	
3.13	Average value of assets per household according to size-group of land holding.	109	
3,14	Liabilities per household and per hectare on sample farms	111	
4.1	Adoption of recommended veriety seeds	116	

.

Table No.	Title	Page No.
4.2	Extent of adoption of recommended seed rate in groundnut	118
4.3	Extent of adoption of recommended seed rate in pearlmillet	119
4.4	Extent of adoption of recommended seed rate in sorghum	120
4.5	Extent of adoption of recommended seed rate in cotton	121
4.6	Extent of adoption of seed treatment	125
4.7	Extent of adoption of different spacings in dryland crops	128
4.8	Extent of adoption of recommended dose of FYM in Groundnut crop	133
4.9	Extent of adoption of recommended dose of FYM in pearlmillet crop	135
4.10	Extent of adoption of recommended dose of FYH in sorghum crop	136
4,11	Extent of adoption of recommended doze of FYM in Cotton crop	138
4.12	Extent of adoption of recommended doze of fertilizers in groundnut crop	141
4.13	Extent of adoption of recommended doze of fertilizers in pearlmillet crop	143
4.14	Extent of adoption of recommended dose of fertilizers in sorohum crop	145

Table No.	Title	Page No.	
4.15	Extent of adoption of recommended dozes of fertilizers in Cotton crop	147	
4,16	Extent of edoption of recommended plant protection measures.	151	
4.17	Interculturing and weeding operation followed by sample farmers	153	
4,18	Reseas for non/partial adoption of recommended variety seeds in prin- cipal dryland crops.	158	
4,19,1	Reasons for non/pertial adoption of recommended nitrogenoous fertilizers	162	
4,19,2	Reasons for non/partial adoption of recommended phosphatic fertilizers	164	
4.20	Reasons for non-adoption of plant protection measures.	169	
4.21	Cost of cultivation per hectare on groundnut	174	
4.22	Average cost of cultivation and return per hectare on groundout	178	
4.23	Return of over costs and input-output ratio per hectare and cost of production per quital of groundaut	181	
4,24	Cost of cultivation per hectare on pearlmillet	183	
4.25	Average cost of cultivation and return per hectare of pearlmillet	187	

	Table No.	Title	Page No.
	4.26	Return over costs and input-output ratio per hectars and cost of production per quintal of pearlmillet	190
	4,27	Cost of cultivation per hectare on sorghum	191
	4,28	Average cost of cultivation and return per hectare on sorghum	193
	4.29	Return over costs and input-output ratio per hectare and cost of pro- duction per quintal of sorghum	196
	4.30	Cost of cultivation per hectare on cotton	197
	4.31	Average cost of cultivation and return per hectare on cotton	199
	4.32	Return over cost and input-output ratios per heatare and cost of production per quintal of cotton	202
	4.33	Production functions in groundnut	210
	4.34	Production functions in peerlmillet	217
	4.35	Production functions in sorghum	222
•	4.38	Measure of returns to scale	227