Contents

FO	PREWORD	iii
1.	INTRODUCTION	1
2.	THE ARABICA COFFEE TREE, YEMEN VARIETIES AN	
	The Tree	
	Coffee Varieties	
	Seed Preparation	8
3.	ENVIRONMENTAL CONDITIONS	11
	Climate	
	Soil	
4.	COFFEE NURSERY METHODS AND SEEDLING	
	PRODUCTION	15
	Problems	15
	General Nursery Techniques	16
	Small Farmer Nurseries	19
	Large or Central Nurseries	20
5.	FIELD PLANTING	25
	Problems	25
	Spacing	25
	Interplanting	
	Holing	
	Transplanting	27
6.	PRUNING	31
	The Survival of a Healthy Coffee Tree	
	Problems	
	Pruning Methods	32

7.	WEEDING AND INTERCROPPING	43
	Weed control	43
	Intercropping	44
8.	SHADE AND SHELTER	45
9.	IRRIGATION, WATER USE AND MULCHING	51
••	Irrigation	
	Water Use	
	Mulching with Stones	
10.	MANURE AND FERTILISER	57
	Key to Mineral Deficiency or Imbalance Symptoms	57
	Organic Manure	
	Fertilisers	61
11.	PHYSIOLOGICAL AND OTHER DISORDERS	65
	Genetic Effects	65
	Climatic Effects	65
	Overbearing Dieback amd Debility Syndrome	68
12.	DISEASES AND PESTS	71
	Diseases	71
	Pests	74
13.	HARVESTING AND PROCESSING	79
	Picking	79
	Drying	80
	Hulling	
	Roasting	82
14.	GENERAL OBSERVATIONS	83
	Timeliness and the Coffee Calendar	83
	Irrigation Pattern and Water Use	
	Root System Development and Early Cropping Levels	
	Pest Control	
	Coffee Research	86
RE	FERENCES	87