

## Contents

	<i>Declaration</i>	<i>i</i>
	<i>Preface</i>	<i>ii</i>
	<i>Acknowledgement</i>	<i>iv</i>
	<i>List of Tables</i>	<i>vii</i>
	<i>List of Maps</i>	<i>xi</i>
	<i>List of Figures</i>	<i>xii</i>
	<i>List of Photographs</i>	<i>xiii</i>
	<i>List of Appendices</i>	
	<i>Abbreviations</i>	
I	INTRODUCTION	1-23
I.a	Background of the Study	1
I.b	Presentation of the problem	6
I.c	Objectives scope and approaches	9
I.d	Methodology	11
I.e	Survey of literature	18
I.f	Models applied in the study	20
II	PHYSICAL SETTINGS	24-42
II.a	Structure and relief	24
II.b	Drainage	26
II.c	Physical division-the terrain	29
II.d	Soils	33
II.e	Climate	39
	NON-PHYSICAL DETERMINANTS	43-92
III.a	Technological factors	43
III.b	Population characteristics	61
III.c	Cultural factors	70
III.d	Infrastructural services	79
IV	PERSPECTIVE OF REGIONAL AGRICULTURE	93-103
IV.a	Landuse profile	93
IV.b	Ground water potential	99
IV.c	Intensive cultivation programmes	102

V	CROPPING PATTERN, CROP COMBINATION REGION	104-154
V.a	Cropping pattern	104
V.b	Changing Cropping pattern	110
V.c	Growth trend analysis	121
V.d	Crop combination region	138
V	CROPPING PATTERN, CROP COMBINATION REGION	104-154
VI	CONCEPT OF AGRICULTURAL PRODUCTIVITY	155-169
VI.a	Productivity of land	156
VI.b	Productivity of labour	158
VI.c	Productivity of capital	160
VI.d	Total Factor Productivity	161
VI.e	Factors Influencing Growth in Agriculture	163
VII	MEASUREMENT OF AGRICULTURAL PRODUCTIVITY	170-211
VII.a	Approaches of study	172
VII.b	Productivity of regions	179
VII.c	Present growth trends	200
VIII.	MAJOR FINDINGS-PROBLEMS AND PROSPECTS	212-226
VIII.a	Problems and Prospects of Physical determinants	212
VIII.b	Problem and Prospect of Non-Physical Determinants	217
IX.	CORRECTIVE MEASURES SUGGESTED	227-232
	<i>APPENDIX</i>	234-340
	<i>BIBLIOGRPHY</i>	341-348