CONTENT

		Page
Forewo		V
Preface to Fifth Edition Preface to First Edition		vii :
		ix xi
Acknowledgements List of Plates		XXi
List Oi	Tates	AAI
	Part 1	
	Oryza Sativa A Linn : THE PLANT	2
I	The history and Origin of Rice	3
II	Climate and Soils	10
III	Water Supply and Control	32
IV V	Characteristics of the Plant Varieties and Their Classification	56 81
V VI	The Genetics of Paddy	95
VI	Improvement by Selection and Breeding	108
V 11	improvement by selection and breeding	100
	Part 2	
	Paddy: Production	
VIII	Methods of Cultivation	127
IX	Cultivation of Dryland paddy	163
X	Mechanized Cultivation	173
XI	Fertilizers and Manures	218
XII	Weeds	260
XIII	Fish Production in Paddy Fields	276
XIV	Pests	290
XV	Diseases	322
	Part 3	
	Rice: The Product	
XVI	Storage of Paddy and Rice	351
XVII	Milling and Parboiling	364
XVIII	Nutritional Value of Rice	395
XIX	Production, Yields and Consumption	416
XX	Economics Conditions	441
Append	dices	
I	Testing seed paddy for purity by the sequential analysis method	465
II	The Scope and work of the International Rice Commission	468
III	Standardization of rice terminology	471
IV	Useful Data	473
V	Specimen field and laboratory record cards for rice selection work	475
VI	Species of rice	482
VII	New Paddy Transplanter	483
D:k1:	arouby.	404
Bibliog	зарпу	484
Index		519