

CONTENT

	Page
Preface	v
List of Plates	xi
List of Figures	xiii
List of Tables	xv
Acknowledgments	xvii
I History and Development as a World Crop	1
II Botany of the Sugar Cane	18
III Sugar-Cane Breeding	30
IV Sugar-Cane Growing Countries	50
V Sugar-Cane Soils	107
VI Drainage and Irrigation	120
VII Fertilizers and Soil Amendments	167
VIII Plantation and Field Planning	194
IX Propagation of the Cane	210
X Planting and Culture of the Cane	219
XI Weeds and Their Control	235
XII Diseases and Pests of Sugar Cane	250
XIII Cane Fires and Their Control	281
XIV Harvesting the Cane	291
XV Farm and Field Records	324
XVI Composition of the Cane	338
XVII Sugar Cane as an Industrial Raw Material	346
XVIII Process by-Products	365
XIX Organization and Control of the Cane-Sugar Industry	386
XX Evaluation of the Cane	398
XXI Research	416
Glossary	436
Bibliography	438
Author Index	445
Subject Index	447