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A BIBLIOGRAPHY OF

PLANT DISEASE INVESTIGATIONS

IN THE COMMONWEALTH CARIBBEAN

1880-1980

prepared by

CHELSTON W.D. BRATHWAITE

MIRANDA ALCOCK

and

RAWWIDA SOODEEN



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A joint publication of the Inter-American Institute for Cooperation on
Agriculture and the University of the West Indies, St. Augustine, Trinidad

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I N T R O D U C T I O N

Since the late 19th Century many investigations have been carried out in the Commonwealth Caribbean on diseases of local crop plants, but no attempt has been made to prepare a complete bibliography of these investigations. This bibliography was initiated by one of the authors (Dr. C.W.D. Brathwaite) while teaching Plant Pathology at the University of the West Indies. It is intended to serve as a quick source of references on the work carried out on the diseases of a particular crop or a particular disease and should be useful to students of agriculture, researchers in Plant Pathology and Nematology and to agriculturists in general.

This bibliography covers all aspects of plant diseases and their control, including diseases caused by fungi, bacteria, viruses and nematodes. The geographic area covered by the references includes all the territories of the Commonwealth Caribbean. Some references to work carried out in Belize, Suriname and the Bahamas have also been included. The material covered by the bibliography dates from the 1880's to 1981.

The entries were compiled mainly from primary sources, many of which have not been indexed previously. It would be impossible to list all the titles searched; however, the main sources of information were Agricultural News, Tropical Agriculture, West Indian Bulletin, the Journal of the Jamaica Agricultural Society, the Journal of the Agricultural Society of Trinidad and Tobago, and the Annual Reports and Publications of the Departments and Ministries of Agriculture throughout the region. The secondary sources included regional bibliographies on agriculture and related topics and computerised literature searches of the Agricola and Commonwealth Agricultural Bureaux data bases.

The collection of the University of the West Indies Library at St. Augustine was used for the searching and checking of references. References which are not held in this collection and consequently could not be verified are marked with an asterisk.

The form of entries follows, where possible, the standards set up by AGRIS, the Food and Agriculture Organization (FAO) international information system for the agricultural sciences and technology, with minor variations. Where the title of the article is not specific, the crops or diseases covered are indicated in brackets at the end of the entry.

The bibliography is arranged in alphabetical order by author and the numbers are consecutive beginning 0001. A subject approach to the entries is provided by three indexes: an index of diseases arranged by crop, a general index and a geographic index.

The index of diseases by crop lists diseases under their common name and under the causal organism where known. Both common names and scientific names have been used for nematodes and insects (as vectors of diseases). If an article concerns a particular country this has also been indicated.

The general index provides access to articles on general subjects not limited by crop, and also gives direct access to particular pathogens, under their scientific or common names, irrespective of crop. The geographic index is intended only to provide access to general works pertaining to a particular country and does not list all material concerning that country. Photocopies of all non-copyright reference material, except those entries marked with an asterisk, are available from the Library of the University of the West Indies at the current price of \$0.25 US per page.

A C K N O W L E D G E M E N T S

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LIST OF ABBREVIATIONS

- * - Indicates article currently *not available* at the library of the University of the West Indies, St. Augustine, Trinidad

- AICTA - Associateship of the Imperial College of Tropical Agriculture

- ANRPC - Association of Natural Rubber Producing Countries

- CARDI - Caribbean Agricultural Research and Development Institute

- CAS - Certificate of Advanced Studies

- CCTA - Committee for Technical Cooperation in Africa South of the Sahara

- DTA - Diploma in Tropical Agriculture

- FAO - Food and Agriculture Organisation of the United Nations

- ODA)
ODM) - Ministry of Overseas Development, Great Britain

- UWI - University of the West Indies

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- 0002 ADMINISTRATIVE and experimental work: mosaic disease (1934) Agricultural Journal, Department of Science and Agriculture, Barbados. v. 3 (2) p. 8.
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- 0012 ALTSON, R.A. (1925) Plant disease investigations. British Guiana. Report on the Department of Science and Agriculture for 1924. Appendix III: Report of the Assistant Botanist and Mycologist. p. 45-53. (Sugar cane - root disease, top rot, chlorosis, ring spot; coconuts - bud rot, red ring; rice - blast; plantains, cacao, coffee, para-rubber).

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