## CONTENTS OF VOLUME III

and the second s	Page
Preface	v
Outline of IRC '75 Proceedings	vii
SOIL SURVEY AND FERTILITY	
Macro-pedogenetical Relationships and Classification of Tropical Soils under <i>Hevea</i> Cultivation H. <i>Y. Chan</i>	3
Extraction of Potassium and Aluminium from Five Malaysian Soils by a Cation-exchange Resin C. H. Lau	23
Effect of Fertilisers on Soils under Hevea  E. Pushparajah, N. K. Soong, F. K. Yew and Zainol bin Eusof	37
Latex-Oil Emulsions for Controlling Soil Erosion on Exposed Soil Surfaces N. K. Soong and C. S. Yeoh	51
NUTRITION AND FERTILISER USE	
Seasonal Changes in the Concentration of Nutrients in Mature Hevea K. T. Tan	73
Responses of Hevea brasiliensis to Fertilisers in South India K. I. Punnoose, S. N. Potty, M. Mathew and C. M. George	84
Fertiliser Response from Mature Rubber in Liberia M. M. Guha	108
Influence of Fertilisers on Nutrient Content, Flow and Properties of Hevea Latex  E. Pushparajah, K. Sivanadyan, A. Subramaniam and K. T. Tan	122
Discriminatory Fertiliser Recommendations for Rubber in Sri Lanka	132

## **CULTURAL PRACTICES AND MANAGEMENT**

Reduced Immaturity Period of Hevea brasiliensis  K. Sivanadyan, G. Haridas and E. Pushparajah	147
Possible Utilisation of Rubber Factory Effluent on Cropland H. T. Tan, K. R. Pillai and D. J. Barry	158
Field Data Retrieval by Clip Cards and its Practical Implications E. A. Rosenquist, J. F. McEwen and R. Shepherd	173
HOST-PARASITE RELATIONSHIP OF DISEASES	
Factors Affecting Infection of <i>Hevea</i> Bark by <i>Phytophthora</i> Species with Special Reference to Disease Control O. S. Peries	199
Mode of Entry of <i>Phytophthora</i> in <i>Hevea brasiliensis</i> L. Thankamma, V. K. Rajalaksmi and P. N. Radhakrishna Pillai	213
Phytoalexin Production by <i>Hevea brasiliensis</i> in Response to Infection by <i>Colletotrichum gloeosporioides</i> and its Effect on Other Fungi A. M. <i>Tan and F. C. Low</i>	217
South American Leaf Blight of <i>Hevea brasiliensis</i> : Spore Behaviour and Screening for Disease Resistance K. H. <i>Chee</i>	228
Hevea Breeding for Leaf and Panel Disease Resistance in Sri Lanka D. M. Fernando and A. De S. Liyanage	236
EPIDEMIOLOGY AND CONTROL OF DISEASES AND PESTS	
South American Leaf Blight Epidemics and Rubber Phenology in Sao Paulo A. Paes de Camargo, Nelson C. Schmidt and Rosa Maria G. Cardoso	251
Control of South American Leaf Blight on a Plantation Scale in Brazil <i>T. H. Rogers and A. L. Peterson</i>	266
Biology and Chemically Assisted Biological Control of Ganoderma G. Varghese, P. S. Chew and J. K. Lim	278

An Epidemiological Approach to the Control of Oidium Secondary  Leaf Fall of <i>Hevea</i> T. M. Ling and P. Snipetki, Page	293
T. M. Lim and B. Sripathi Rao	293
Control of Lac Insect, Laccifer greeni on Rubber B. J. Wood and Dj. Pardede	312
ECONOMICS OF CULTIVATION AND PRODUCTION	
Diffusion and Impact of High Yielding Materials on Rubber Production in Malaysia <i>T. Y. Pee and S. K. Khoo</i>	327
Some Aspects of Price Elasticities of Rubber Production in Malaysia C. S. Chow	350
Transportation of Cuplumps to Central Factories Sumarno Kartowardoyo, Suratin Subur and Hidayat Jachya	<b>3</b> 70
ECONOMICS OF SMALLHOLDINGS	
Some Aspects of Economics of Smallholding Rubber in Sri Lanka C. Barlow, O. S. Peries, A. B. Dissanayake, G. R. Chandrasiri and B. Carrad	385
Efficient Resource Use in Agricultural Land Development T. C. Ti	408
An Assisted Replanting Programme and Group Coagulation Centres for Smallholder Rubber in Indonesia  Suhud Tjakrawerdaja	424
Processing of Smallholders' Rubber in Group Processing Centres C. H. Yeoh and P. D. Abraham	<b>43</b> 5