

# BULLETIN OF THE RUBBER RESEARCH INSTITUTE OF SRI LANKA

Vol. 50

2009

## CONTENTS

The success story down the ages: the role of rubber breeders in Sri Lanka <i>P Seneviratne, K B A Karunasekera, K K Liyanage, K W Rupatunge, A K Gamage and H P Peiris</i>	1
A century of rubber research – developments in rubber planting materials <i>P Seneviratne and G A S Wijesekera</i>	6
Successful establishment of rubber plantations: lessons from 100 years <i>P Seneviratne and M K P Perera</i>	12
Management of rubber cultivations to meet future challenges <i>A Nugawela</i>	17
The journey of latex exploitation in the rubber tree <i>V H L Rodrigo and B M D C Balasooriya</i>	23
Development of tissue culture techniques for rubber ( <i>Hevea brasiliensis</i> Muell arg.) <i>N M C Nayanakantha, P Seneviratne and G A S Wijesekera</i>	34
Development of rubber based farming systems in Sri Lanka <i>V H L Rodrigo and B M D C Balasooriya</i>	42
Progress in <i>Hevea</i> nutrition research in Sri Lanka: a retrospective view <i>R S Dharmakeerthi</i>	49
Changing scene of the disease scenario of the rubber tree in Sri Lanka: history and current status <i>C K Jayasinghe</i>	61
Use of grass root level information for effective policy making and extension planning: experiences from the smallholder rubber sector <i>Wasana Wijesuriya and Anura Dissanayake</i>	69
Efficient management of <i>Hevea</i> diseases for sustainable and high productivity levels <i>T H P S Fernando and C Wijeratne</i>	82
Tapping panel dryness: trends and future challenges <i>A M W K Senevirathna and A Nugawela</i>	92
Beyond the latex: entry of rubber tree into the carbon market after 100 years of research and development in Sri Lanka <i>E S Munasinghe and V H L Rodrigo</i>	99

Rubber to rescue adverse environmental impacts <i>Lalani Samarappuli and Wasana Wijesuriya</i>	105
Rubber reaches east: hand in hand with regaining Sri Lanka <i>V H L Rodrigo and S M M Iqbal</i>	111
Scientists arm the rubber plant to successfully conquer the 300 m elevation barrier <i>A Nugawela</i>	118
Nanotechnology for upgrading the rubber industry <i>U N Ratnayake</i>	125
An overview of the recent situation of rubber industry in Sri Lanka <i>Wasana Wijesuriya and Keminda Herath</i>	135