

Tropical Agricultural Research & Extension

**An International Journal on Agricultural Research and Extension in the
Tropical and Subtropical Areas, published by the Faculty of Agriculture,
University of Ruhuna, Sri Lanka**

Editor-in-Chief

Prof. M. De S. Liyanage

Co-Editor

Prof. K.D.N. Weerasinghe

Faculty Editorial Board

Prof. K.K.Pathirana
Prof. R.H.S.Rajapakse
Prof.(Mrs.) R.T.Seresinhe
Prof. S. Subasinghe
Dr.(Mrs.) V.Wijeratne
Dr. L.M.Abeywickrama
Dr.(Mrs.) C.M.Navaratne
Mrs. S.L.Gammanpila

National Editorial Board

Prof. H.P.M. Gunasena
Prof. U. Samarajeewa
Prof. C. Sivayoganathan
Prof. U. R. Sangakkara
Prof. R. Mapa
Dr. Ranjith Premalal
Dr. Fredrick Abeyratne
Dr. M. C. N. Jayasuriya
Dr. C. Kudagama
Dr. A. Nugawela
Dr. C. R. Panabokke
Dr. J.D.H. Wijewardane

International Editorial Board

Prof. R. Pathirana (New Zealand)
Prof. P.G. Keven (Canada)
Prof. G. Edwards (Australia)
Prof. M. P. L. D Martin (Australia)
Prof. P. K. R. Nair (USA)
Prof. Hermann Kreutzmann (Germany)
Prof. Robert I. Papendick (USA)
Prof. D. B. Davis (UK)
Prof. E.R. Orskov (UK)
Prof. Maier D. (Germany)
Prof. Keith Lindsey (UK)
Dr. M. Geypens (Belgium)
Dr. Hans R. Herren (Kenya)
Dr. M. S. Islam (Bangladesh)
Dr. E. Jacobson (Netherlands)
Dr. J. G. W. Jones (UK)
Dr. Ismail Khan (Pakistan)
Dr. N. Boonkard (Thailand)
Dr. A. N. Atta- Kraih (Nigeria)
Dr. M. Van Noordwijk (Indonesia)
Dr. P. Ryser (Switzerland)
Dr. M. N. Salleh (Malaysia)
Dr. O. S. Verma (India)
Dr. Harindra K. Markar (India)

Editorial Assistant: Dr. R. A. U. J. Marapana

Cover page design & Digital Image Editing: M. K. D. K. Piyaratne

Computer type setting & Secretarial works: Chandima Manori Wanniarachchi

Scope of the Journal : Tropical Agricultural Research and Extension publishes research results of broad practical significance for tropical agriculture. The subject areas covered include Agricultural Economics & Extension, Agricultural Engineering, Agro-forestry, Animal Science, Biotechnology, Crop Science, Fisheries Biology, Food Science & Post Harvest Technology, Genetics & Plant Breeding, Plant Protection, Indigenous Knowledge Systems, Integrated Farming Systems, Natural Resource Management and Soil Science.

Fax: 94412292384, Phone: 94412292382, E-mail: tare@agric.ruh.ac.lk

