Tropical Agricultural Research and Extension

Volume 8, 2005

CONTENTS

COMPLIMENTARY CORY

Research Articles	
Development of synthetic light weight soil aggregates utilizing coal fly ash and mine clay as waste materials G.Y. Jayasinghe, Y. Tokashiki and M.Kitou	1-12
Effect of pre-treatment and packing film for minimally processed carrots stored at low temperature K.H. Sarananda, I.P. Gunawardene and W.A.J.P. Wijesinghe	13-21
Effect of pruning on tree height and trunk circumference in five agroforestry tree species M.S. Alam, M.S. Zaman, M.A. Salam, M.S. Bari and M.A. Hasan	22-27
A short hot water treatment inhibits ripening-related enzyme activities in Sweet pepper during storage and marketing simulation Kissinger Maalekuu, Sharon Tuvia-Alkalai, Liliane Sonego and Elazar Fallik	28-36
Effect of plant population density on growth and yield of sunflower (<i>Helianthus annuus</i> L.) in the transition zone of south west Nigeria. V.I.O Olowe	37-44
Effects of stocking density and application of chicken manure and cowdung on the growth of Goldfish (Carassius auratus) post-larvae A.G.L.A. Sumith Kumara, U. Edirisinghe and C.M.B. Dematawewa	45-52
Biological Decolourization of Simulated Textile Wastewater in UASB Reactor System by Anaerobic Granular Sludge Wijetunga Somasiri, Wenquan Ruan, Li Xiufen and Chen Jian	53-64
Heterosis and combining ability studies in upland cotton for fibre characters R. Pushpam and T.S. Raveendran	65-70
Package shrinking of commercially packed food products S.B. Navaratne	71-77

Studies on the intrinsic physico-chemical properties of pigeon pea (Cajanus cajan L.) seed flour R.A.Oloyo and S.S. Akoja	78-83
Risk Based Evaluation of Pesticide Movement in Right Bank Soils of the Walawa Basin in Southern Sri Lanka Ransilu C. Watawala, Janitha A. Liyanage and Ananda P Mallawatantri,	84-90
Effects of Dietary Salbutamol on Growth and Body Composition Of Rainbow Trout (Oncorhynchus mykiss Walbaum). (Oncorhynchus mykiss Walbaum) N.S.B.M. Atapattu, P.S.Davie and W.Hendricks	91-97
Hydrogeochemical Distribution and Characteristics of Groundwater in Weligama Area - in Southern Sri Lanka Ranjana U. K. Piyadasa, K. D. N. Weerasinghe, D. S. E. Kumara, Janitha A. Liyanage and Maier D.	98-106
Short Communications	
Genetic Diversity of Etamba in Sri Lanka W.A.P.G Weeraratne, P.K. Samarajeewa and R.M.R. Nilanthi	107-112
Effect of irrigation and fertilizer on leaf production of betel vine (Piper betle L.) H. A. Sumanasena and G. A. Chandana	113-116