Tabel of Contents

Agricultural Production and Productivity Improvement

A Comparison of Productive and Reproductive Performance of Jersey and Jersey×Friesian Crossbred Cows of a Large Scale Dairy Farm in the Dry Zone, Sri Lanka	1
Nimeshika I.L.S., Deshapriya R.M.C. and Ranasinghe R.M.S.B.K.	
A Review of Cerebrospinal Nematodiasis in Goats Caused by Setaria digitata	2
Nethmini A.K.T.S. and Wijayagunawardane M.P.B.	
Assessing Morphological Responses of Greenhouse Tomatoes to Varying Nitrogen Levels using Manual and Image-Sensing Methods	3
Bandara R.M.D.M., Weerakkody W.A.P. and Bandaranayake P.	
Investigation of Morphological and Molecular Marker Segregation of an F ₂ Population of Coconut (<i>Cocos nucifera</i> L.) and Deriving Marker-Trait Associations	4
Kumarasinghe D.A.J., Dissanayaka H.D.M.A.C., Meegahakumbura M.K., Herath N.B. and Perera S.A.C.N.	
Analysis of Soil Organic Matter Content in Paddy Lands in the Kurunegala District of Sri Lanka	5
Kumararathna R.D.C.Y., Rathnayaka W.M.U.K., Suriyagoda L. and Marambe B.	
Application of Hydrogel and Urea in Paddy Cultivation to Overcome Low Soil Moisture Stress and to Increase Fertilizer Use Efficiency	6
Dulangani, R.A.R., Ratnasekara, D., Gunawardana, M. and Marambe B.	
Assessment of the Effect of Inclusion of Hybrid Napier, Gliricidia and Pureria in Maize Silage	7
Jeromy K., Kumara Mahipala M.B.P. and Weerasinghe W.B.M.P.	
Assess the Nitrogen Use Efficiency of Maize (Zea mays L.) Cultivated with Different Nitrogen Fertilizer Rates, Combinations, and Stabilized Methods	8
Kularathna A.G.P.D., Gunawardana M. and Nissanka N.A.A.S.P.	
Assessing Quality Variation of Tea and Ammonia Emission from Tea Fields with Different Fertilizer Management Methods	9
Thathsara.Y.K.R. and Nissanka N.A.A.S.P.	
Assessment of Diversity of Entomopathogenic Fungi Associated with Cabbage Caterpillars	10
Randunu U.D.S.S., Warnasooriya P.G.A.S. and Hemachandra K.S.	
Assessment of Major Reproductive Disorders of Dairy Cattle in Vavuniya Veterinary Range	11
Kabiluxan P. and Wijayagunawardane M.P.B.	