

**Tropical Agricultural Research and Extension**

Volume 1, No.2 December 1998

**CONTENTS****Research articles**

<b>Water relations of clonal tea (<i>Camellia sinensis</i> L.) with reference to drought resistance: II. Effect of water stress</b> M.A. Wijeratne, R. Fordham and A. Anandacumaraswamy	<b>74 - 80</b>
<b>Diagnosis of leaf nutrient levels for optimum productivity of <i>Citrus reticulata</i> Blanco grown in black clay soils under a sub-humid tropical climate</b> R.R. Kohli, A.K. Srivastava, A.D. Huchche, H.C. Dass, Lallan Ram and Shyam Singh	<b>81 - 86</b>
<b>Influence of ozone on the growth and yield of tomato (<i>Lycopersicon esculentum</i> Mill cv. Rodeo)</b> P.S.J.W. Seresinhe	<b>87 - 93</b>
<b>Elevated carbon dioxide concentration and relative humidity on the growth of forest tree seedlings</b> K.N. Nataraja, T.G. Prasad and M.Udayakumar	<b>94 - 97</b>
<b>The effect of the origin of the explant on <i>in vitro</i> growth of axillary buds of <i>Hevea brasiliensis</i></b> P. Seneviratne, S.S. Gammanaliyanage and G.A.S. Wijesekara	<b>98 - 102</b>
<b>Grain quality parameters and genetic diversity in traditional rice accessions (<i>Oryza sativa</i> L.) from Madhya Pradesh, India</b> A.K. Sarawgi, N.K. Rastogi and D.K. Soni	<b>103 - 106</b>
<b>Molecular analysis of whitefly-transmitted tomato geminiviruses from Southeast and East Asia</b> Muhammad Zeidan, Sylvia K. Green, Douglas P. Maxwell, Medhat K. Nakhla and Henryk Zosnek	<b>107 - 115</b>
<b>Assessment of cassava clones for resistance to anthracnose disease using phytotoxic metabolites <i>Colletotrichum gloeosporioides</i> f. sp. <i>Manihotis</i> and its correlation with field disease reactions</b> A. Amusa	<b>116 - 120</b>
<b>Incidence and pathogenicity of fungi associated with seedling disease of rain-fed wheat (<i>Triticum aestivum</i> L.) in Nigeria</b> A.A. Enikuomehim and S.A. Bankole	<b>121 - 124</b>
<b>Effect of infection level of sesame (<i>Sesamum indicum</i> L.) seed by <i>Alternaria sesami</i> on severity of <i>Alternaria</i> leaf spot</b> P.S. Ojiambo, R.D. Narla, P.O. Ayiecho and J.O Nyabundi	<b>125 - 130</b>
<b>Rearing and release of the pulse weevil parasitoid <i>Dinarmus basalis</i> (Rond.) (Hymenoptera: Pteromalidae)</b> W. Islam	<b>131 - 135</b>

<b>Variation in egg and adult production of <i>Callosobruchus maculatus</i> (F.) and <i>Callosobruchus chinensis</i> (L.) and the effect of egg density and oviposition site limitation</b>	<b>136 - 142</b>
P.M. Wijeratne	
<b>Predation of bacteria by <i>Lampito mauritii</i> (Kinberg) and <i>Eudrilus eugeniae</i> (Kinberg) reared in different substrates</b>	<b>143 - 148</b>
K Parthasarathi, L.S. Ranganathan and V. Anandi	
<b>Phenotypic and genetic trends of some reproductive traits in N'Dama herd at Fashola Stock Farm, Nigeria</b>	<b>149 - 153</b>
A.M. Orheruata and O. Olutogun	
<b>Present status of managing chilli leaf curl complex in the North Central Province of Sri Lanka</b>	<b>154 - 158</b>
C.M.D. Dharmasena	

### ***Short communications***

<b>Variability in <i>Neovossia indica</i>: Based on pathogenecity and isozyme analysis</b>	<b>159 - 161</b>
Indu Sharma, G.S. Nanda and P.K Kaloty	
<b>Reaction of selected cowpea (<i>Vigna unguiculata</i> L. Walp) breeding lines to <i>Xanthomonas campestris</i> pv. <i>Vignicola</i></b>	<b>162 - 164</b>
N.A. Amusa and R.U. Okechukwu	
<b>Factors responsible for low productivity of legumes- findings of a farmer survey in Kurunegala district of Sri Lanka</b>	<b>165 - 168</b>
M.P. Hettiarachchi, W.A.J.M. De Costa and S.J.B.A. Jayasekera	
<b>Instructions for contributors</b>	<b>169 - 172</b>