

# Contents

## Review Article

- Microbial consortium in biological control: An explicit example of teamwork below ground \_\_\_\_\_ 1  
*Ratul Moni Ram and H.B. Singh*

## Organic Farming

- Yield and quality parameters of guava fruits grown in conventional and organic farming system \_\_\_\_\_ 13  
*P. Datta and K. Das*
- Response of Knol khol (*Brassica oleracea* L. var. *gongylodes*) to different organic amendments and microbial consortium \_\_\_\_\_ 15  
*Parkey Gogoi and Deepa Borbora Phookan*
- Response of brinjal (*Solanum melongena* L.) to organic manures and foliar nutrition \_\_\_\_\_ 19  
*K.V. Malshe, B.G. Desai, M.G. Palshetkar and R.G. Khandekar*
- Interaction effect of consortium of *Azospirillum*, PSB and AM fungus with reduced levels of N & P fertilizers on growth of direct seeded rice \_\_\_\_\_ 22  
*Santhosh, G.P., Siddaram M.D. and Shubha, S.*
- Microbial population and nutrient dynamics in rhizosphere soil of direct seeded rice \_\_\_\_\_ 27  
*Santhosh, G.P., Siddaram M.D. and Shubha, S.*
- Evaluation of dye decolourization ability of native lignin degrading fungi and bacteria from organic farm fields of Hyderabad-Karnataka region \_\_\_\_\_ 33  
*S. Shubha, Marena Krishnabeni, G.P. Santosh, R.C. Gundappagol and Satyanarayananarao*
- Response of okra (*Abelmoschus esculentus* L.) cv. Parbhani Kranti to pre-sowing seed treatment with gibberellic acid \_\_\_\_\_ 37  
*V.V. Shinde, K.V. Malshe and S.L. Ghavale*
- Evaluation of socio-economic status of farmers of an organic farm of Himachal Pradesh, India \_\_\_\_\_ 39  
*Dipika Rana*
- Effect of nutrient management and cropping system on productivity under different rice based cropping systems \_\_\_\_\_ 43  
*M.S. Shah, R.K. Rai and K.K. Agrawal*
- Effect of planting dates and varieties on growth and yield of potato (*Solanum tuberosum* L.) in Hamelmalo area \_\_\_\_\_ 46  
*Belay Teweldemedhin Keleta, Sewa Lal and Syed Danish Yaseen Naqvi*

## Entomology

- Management of gall midge (*Orseolia oryzae* Wood Mason) through plant nutrients supplied through organic and inorganic sources with emphasis on neem and karanj cakes \_\_\_\_\_ 53  
*Rabindra Prasad, Ajita Soren and Devendra Prasad*
- Temporal dynamics of mango flower visitors and their contribution in pollination \_\_\_\_\_ 56  
*Sharmila Roy, Balaji Rajkumar and A.K. Misra*
- Status of prevailing insect pest fauna associated with transplanted rice in Jharkhand \_\_\_\_\_ 60  
*Rabindra Prasad, Ajita Soren, Lakhinder Hembrom and Devendra Prasad*
- Management of rice leaf folder (*Cnaphalocrosis medinalis* Guen.) through INM with emphasis on use of Neem and Karanj Cake \_\_\_\_\_ 65  
*Rabindra Prasad, Ajita Soren and Devendra Prasad*
- Survey on insect-pests of guava and management practices around Hamelmalo sub-zoba \_\_\_\_\_ 69  
*Daniel Brhane, Mulue Girmay, Hidat Debru, Mehari Hayelom, Merhawit Hailemariam MeseretTekie, V.K. Sharma and Syed Danish Yaseen Naqvi*
- Severity of infestation by collar feeding insect pest (*Agrotis ipsilon*) on potato in northern districts of Kashmir \_\_\_\_\_ 72  
*Mohammad Mumib*
- Control of *Spodoptera litura* (F.) by botanicals in FCV tobacco \_\_\_\_\_ 75  
*K. China Chenchai*

## Plant Pathology

- Eco-friendly methods for management of downy mildew of grapevines \_\_\_\_\_ 80  
*Mahesh R. Ghule, Indu S. Sawant and Sanjay D. Sawant*
- Eco-friendly management of root rot of guar caused by *Fusarium solani* and *Rhizoctonia solani* \_\_\_\_\_ 85  
*Burhanuddin Bohra, Kusum Mathur, P.C. Trivedi and B.N. Vyas*

## Human Ecology and Home Science

- Development of Mahua (*Madhuca indica*) Laddu and its popularization in tribal areas \_\_\_\_\_ 91  
*Nandana Kumari and Rita Singh Raghuvanshi*
- Agro-biodiversity among tribal homesteads of the Nilgiris district of Tamil Nadu \_\_\_\_\_ 96  
*Rajasekaran R., K. Indumathi and N. Kalidass*
- Organoleptic and proximate evaluation of processed pearl millet based instant Upma mix \_\_\_\_\_ 99  
*Aanchal Johari and Asha Kawatra*
- Author Index \_\_\_\_\_ 103
- Statement about ownership and other particulars about Journal of Eco-friendly Agriculture Form IV
- Membership Form
- Application for the Fellow of the Society