

Review Articles

- Antinemic properties of the botanicals
Manju, P. & 2Sankari Meena K. 125-134

Research Articles

- Assessment of genetic variability and correlation studies among traditional land races and improved cultivars for segregating generations of rice (*Oryza sativa* L.)
Savitha, P. & Usha Kumari, R. 135-140
- Biological control of fusarium crown and root rot disease of tomato by *Trichoderma harzianum* in the west of Algeria
Fatima Kerroum, Karkachi Noureddine, Henni Jamal Eddine & Kihal Mebrouk 141-146
- Use of phytoecdysteroid (Ecdysone) as a crop saver in sericulture industry
Zia. H. Rufaie*, Baqual, M.F., Sharma, R.K. Nissar, A. Ganie & Mushtaq R. Mir 147-150
- Bio-chemical characterization of *Xanthomonas axonopodis* pv. Citri : A gram negative bacterium causing citrus canker
¹*Mustansar Mubeen, ²Hafiz M. I. Arshad, ¹Yasir Iftikhar, ³Muhammad Irfan Ullah & ¹Iram Bilqees 151-154
- Nematicidal efficacy of botanicals extracted from *Adhatoda vasica* and *Andrographis affinis* against *Meloidogyne incognita*
*Rajendra Singh, Umesh Kumar & Amrita Singh 155-160
- Physiological and haemato-biochemical studies of three colour varieties of Bengal goats in their home tract under hot-humid conditions
¹*Nirmal Kumar Tudu, ²Saroj K. Pyne & ³Nilotpal Ghosh 161-164
- Evaluation of In vitro antifungal potential of *Rauvolfia serpentina* (L). Benth. Ex Kurz. against phytopathogenic fungi
Neetu Thakur, Kritika Jagota, Bansuli Shama & Niketa Sareen 165-168
- Characterization of *Solanum ethiopicum* (Kumba group) in Burkina Faso
Bationo-Kando Pauline*, Sawadogo Boureima, Nanema K. Romaric, Kiebre Zakaria, Sawadogo Nerbéwendé, Kiebre Mariam, Traore R. Ernest, Sawadogo Mahamadou, Zongo Jean-Didier..... 169-176
- Toxicological effect of chlorantraniliprole on fat body and haemolymph metabolism in the final instar larvae of silk insect, *Bombyx mori* L.
Bindu, P.U., Priya Bhaskaran, K.P., Akhilesh, V.P., Jisha Krishnan, E.K., Rukhsana, K. & Sebastian, C.D.* 177-182
- Carbon and nitrogen sources enhance lipase production in the bacteria *Bacillus subtilis* KPL13 isolated from soil samples of Kolli Hills, South India
^{1,2}Prasanna Rajeshkumar, M., ^{1,3}Mahendran, V.S. & ^{1,4}*Balakrishnan, V..... 183-187
- Evaluation of interaction effects of nitrogen and phosphorous on yield and quality of watermelon {*Citrullus lanatus* (Thunb.) Matsumara & Nakai}
¹Maluki, M., ¹Gesimba, R.M. & ¹Ogweno, J.O. 188-194
- Comparing management practices of urban and peri-urban dairying in northern Ethiopia
¹Gebrekidan Tesfay & ²Gangwar, S.K. 195-200

Length-weight relationship and relative condition factor of mrigal <i>Cirrhinus mrigala</i> (Hamilton) of Panchasayar waterbody of West Bengal ¹ Samarendra Behera, ¹ Babetjanai Iangari, ^{1*} Sanjeev Kumar, ¹ Rinku Gogoi & ² Pushpendra Singh Sengar.....	201-204
Effect of seed treatment on seed and seedling quality characters in redgram cv. Co (Rg) 7 *Ananthi, M., Selvaraju, P. & Srimathi, P.	205-208
Effect of nanoclay polymer composite on growth and yield of lentil in a long term trial under rainfed condition ^{1*} Raj Mukhopadhyay, ¹ Nirmal De & ² Tonoy Kumar Das	208-213
Biological nitrogen fixation in sugarcane and nitrogen transfer from sugarcane to cassava in an intercropping system ^{1,2#} Yang-Rui Li, ^{2,3#} Xiao-Zhou Zhou & ^{1,2*} Li-Tao Yang	214-218
Effects of interaction between nitrogen, sulfur and variety on maize grain nitrogen and sulfur content at Samaru, Zaria ¹ Jaliya, M.M., ¹ Sani, B.M., ² Babaji, B. A., ¹ Sani, Y.A., ² Sharifai, A.I. & ³ Zongoma, A.M.....	219-223
Impact of frontline demonstration on the yield and economics of pigeonpea in Kalaburgi District of Karnataka State Raju G Teggelli, Patil, D.H., Ananda Naik, Zaheer Ahamed, B. & Patil, M.C.....	224-227
Phytotherapeutic veterinary practices in Kendrapara District, Odisha, India ¹ N. Mishra, ^{2*} Panda, T. & ³ Singh, R.R.	228-237
Bionomics of <i>Deudorix isocrates fabricius</i> (Lepidoptera: Lycaenidae), a new potential host of sweet orange, <i>Citrus sinensis</i> L. Osbeck in J&K, India Monika Chhetry, Ruchie Gupta & Tara, J.S.....	238-241
Elephant dung compost: a novel growth medium for vegetable seedlings ¹ Sally K. Mathew, ² Gleena Mary, C.F. & ³ Sushama, P.K.	242-244
Phototaxis response of some zooplankton Ramesh, Ch, Mohanraju, R., Karthick, P. & Murthy, Kn	245-247
Field reaction and biochemical response of grape genotypes to anthracnose incidence under sub-tropical conditions Gurjar P.S., Singh, S.K., Singh, A.K. & Verma, M.K.	248-255
Ichthyofaunal diversity of River Torsa and its tributaries at terai region of West Bengal, India Debashis Das	256-263
In vitro antifungal evaluation of various botanical extracts against early blight disease (<i>Alternaria solani</i>) of tomato Maya, C. & *Thippanna, M.....	264-267
Cluster analysis through SDS-page utilizing haemolymph protein of the silkworm, <i>Bombyx mori</i> . Shivakumar Bakkappa & Subramanya, G.	268-274
Evaluation of heavy metals in potential fodders and forages growing in Khushab, Pakistan ¹ Zafar Iqbal KHAN, ¹ Kafeel AHMAD, ^{2*} Hafiz Abdalla Mohamed ALI, ⁴ Abrar HUSSAIN, ¹ Zahara BIBI, ¹ Zill-e-HUMA, ⁶ Muhammad Fahad ULLAH, ⁶ Saif UR REHMAN, ³ Hazoor Ahmad SHAD, ³ Muhammad SHER, ⁵ Ijaz Rasool NOORKA, ⁷ Fahim ASHRAD & ¹ Irfan MUSTAFA	275-278
Perception of health providers and beneficiaries regarding management of under nutrition ¹ Manohar Bhatia, ¹ Ashok Mishra & ² Vikash Dwivedi.....	279-282
Identification of bacterial leaf blight resistance genes in rice (<i>Oryza sativa</i> L.) A. K. Singh*, Rohini Nayak and P. K. Singh	283-287
External morphology and sexual dimorphism of <i>Anabas testudineus</i> in natural environment Samarendra Behera, Laishram Monlisa Devi, Sanjeev Kumar, Rinku Gogoi, Puspendu Samanta,	

Olik Jomang & Snigdha Baksi	288-292
Spike yield and alkaloid production in long pepper as influenced by precision farming techniques under protected cultivation 1Jayanth, S.G., 2Anilkumar, A.S. & 3Mallikarjunagowda, A.P.	293-295
Fertigation and staking techniques for sustainable spike production in long pepper (piper longum) under partial shade 1Jayanth, S.G., 2Anilkumar, A.S. & 3Mallikarjunagowda, A.P.	296-298
Case Study	
Clinical dilemma in a case of bacterial meningitis with falciparum malaria ¹ Rinini Dastidar, ² Sumita Basu & ¹ Tirna Halder	299-300
Extent of school-industry relationship in the preparation of agricultural education graduates through Siwes Programme in tertiary institutions in Ebonyi State-Nigeria 1Eze, S.O., 2Ndem Joseph, U., 3Emeh Celestine, O.	301-304
Impact of organic farming village programme (OFVP) on farmers of Hosakote Taluk ¹ Bhuvana, N., ² Krishnamurthy, B. & ³ Gopala, Y.M.	305-310

Short Communication