

Review Articles

- Plant density and nitrogen in sorghum
Arunakumari, H. & Sree Rekha, M. 702-706

Research Articles

- Impact of ornamental fish culture training programmes on empowerment of beneficiaries in Tuticorin District of Tamilnadu
*Yarrakula Mahesh Babu, ¹Santhakumar, R., ²Deepthi, A. and ³Dana, S.S. 707-710
- First record of Trilocha varians (family: bombycidae) a pest of Ficus benjamina (L.) And it's biology in Talwandi Sabo, Dist Bathinda, Punjab
Anita Singh & *Jora Singh Brar 711-713
- A comparative study of adaptive neuro fuzzy inference system (ANFIS) and multiple linear regression (MLR) for rainfall-runoff modelling
*¹Vijay Kumar Singh, ²Pravendra Kumar, ³Bhaskar Pratap Singh and ⁴Anurag Malik 714-723
- The effects of large-scale mining on land use and land cover changes using remotely sensed data
¹*Julia Atayi, ²Amos.T. Kabo-Bah, ³Komlavi Akpoti 724-733
- First report of Ulocladium chartarum in gerbera causing leaf spot disease
Praveen, N. M., Reshmy Vijayaraghavan and Beena, S. 734-736
- A study on rumination and resting behaviour of Osmanabadi kids housed in katcha housing system under different floor space
¹Rameswar Panda, ²Sarat Chandra, A., ¹Ghorpade, P.P., ¹Chopade, S.S., ¹Kodape, A.H., & ¹Siddiqui, M.B.A. 737-739
- Potential effect seaweed sap on nutrient uptake of greengram
Mahajan, R.V., Bhale, V.M. and Deshmukh, J.P. 740-743
- Nutrient content and nutrient use efficiency as influenced by drip fertigation in cauliflower (Brassica oleracea var. botrytis)
¹Ajeet Singh, S.K. ¹Sharma, Rahul Chopra, ²Hansram Mali and ¹Bajarang Bali 744-747
- New addition of feather stars, Colobometra perspinosa (Carpenter, 1881) and Petasometra clarae (Hartlaub, 1890) to Indian echinoderms from Andaman & Nicobar Islands
¹*Naveen Kumar Nigam, ¹Raghunathan, C. and ²Kailash Chandra 748-751
- Second harmonic generation in KDP single crystal
¹*Shaikh Kalim Shaikh Hanif & ²Lad, A. B. 752-755
- Participatory germplasm conservation and seed production of naturalized pumpkin landraces in Kenya
¹Kirimi, J.K., ^{1,2}Isutsa, D.K. & ³Nyende, A.B. 756-764
- Evaluation of physiological parameters and zinc content in bread and durum wheat genotypes under different zinc doses
¹*Shilpa Chawla, ¹shashi Madan, ¹Reena Devi & ²Renu Munjal 765-771
- Biochemical and mineral profile in Nari suwarna ewes during late pregnancy and early postpartum period
Mallappa Talawar, *Veena, T. & Kalmath, G.P. 772-774
- On farm trial – A technology tool to assess the suitable spacing in onion to increase the seed yield at the farmers field

¹ Sunita Kushwah, ² Mahesh Kumar & ³ Pancham Kumar	775-777
Gene expression study in bovine in vitro produced two cell embryos ¹ Himangshu Raj, ² Giasuddin Ahmed, ³ Devojayoti Dutta	778-781
Determination of the total polyphenolic content and total antioxidant capacity of commonly consumed foods in Tamil Nadu [*] Adiyaman, P., Hemalatha, G., Kanchana, S. and Parvathi, S.	782-785
Combining ability and heterosis for grain yield and its componets in pearlmillet (<i>Pennisetum glaucum</i> (L.) R. BR.) ¹ Athoni, B. K., ^{2*} Ishwar H. Boodiand & ³ Guggari, A.K.	786-794
Genetic diversity for yield and its component traits in pearlmillet [<i>Pennisetum glaucum</i> (L.) R. Br.] ¹ Athoni, B. K., ^{2*} Ishwar Boodi, ³ Pattanashetty, S. K. and ⁴ Guggari, A.K.	795-798
Physico-chemical properties of osmanabadi goat milk [*] Sudharshan Reddy Ravula & Ramachandra, C.T.	799-801
Impact of different levels of fertilizer on growth and yield of indian mustard (<i>Brassica juncea</i> Coss) under irrigated condition of Western U.P. ¹ Narinder Panotra, ² Ashwani Kumar & Singh, O.P.	802-804
Bovine mycotoxicosis - A remarkable disease in rice-growing areas of Indian subcontinent ^{1*} Reddy P. Ravi Kanth , ² Reddy A. Nagarjuna , ³ KishoreK. Raja, ⁴ Reddy V. Pratap, ⁵ Reddy P. Pandu Ranga , ⁶ Ramesh R., ⁶ Singh Sunder , ⁷ Prathap B.	805-808
Water quality index of Narmada River Water Jabalpur, MP, INDIA ¹ Anima Upadhyay & ² Chandrakala, M.	809-812
Efficacy of mulches on soil modifications, growth, production and quality of strawberry (<i>Fragaria x ananassa</i> Duch.) ¹ Swapnil Pandey, ² Girja Shanker Tewari, ³ Jitendra Singh, ⁴ Deepak Rajpurohit & ⁵ Gopal Kumar	813-820
Isolation of L glutaminase producing actinomycetes from thiruvallum brackish water ^{1*} Dhevagi, P. & ² Poorani, E.	821-827
Pattern of diversity for morpho-physiological traits under terminal heat stress conditions in bread wheat ^{1,2} Swarupa Nanda Mandal, ¹ Satyavir Singh Dhanda & ^{1*} Renu Munjal	828-832
A report on unconditioned food addiction for the <i>Ipomea carnea</i> plant in goats ¹ Ravi Kanth Reddy, P., ² Nagarjuna Reddy, A., ³ Senthilnathan, M., ⁴ RajaKishore, K., ⁵ Pandu Ranga Reddy, P. ⁶ Srihari, P., ⁷ Reddy M. Nagendra	833-837
Ovarian toxicity and oxidative stress induced by food colors in albino rats Beenam Saxena	838-842
Detection and partial characterization of groundnut bud necrosis virus in chilli [*] Pavithra, B.S., Krishnareddy, M. and Rangaswamy, K. T.	843-847
Isolation, characterisation and In vitro management of leaf blight pathogen of gerbera Praveen, N.M. & Reshmy Vijayaraghavan	848-851
Evaluation of the status of heavy metal contamination in sediment of the River Ganga at Allahabad, India ^{1*} Pandey Ruby , ² Raghuvanshi Divya, ³ Sharma Pramod Kumar, ³ Singh Harendra, ⁴ Tripathi Beenu, ⁵ Bajpai Shubham and ⁶ Dikshit Anupam	852-859
Survey and host range studies of yellow mosaic virus infecting ridge gourd (<i>Luffa accutangula</i> L.) ¹ Manjunath, S. Hurakadli, ² Rangaswamy, K.T., ³ Nagaraju, N., ⁴ Prameela, H.A. & ⁵ Shreeshail Sonyal	860-865

Determination of heavy metals in ground water by using ICP-MS in surrounding areas of IDA
Pydibheemavaram, Srikakulam and Vizianagaram District, Andhra Pradesh, India
Priyanka, G., Byragi Reddy, T., Prasada Rao, P.V.V., Ajay B. & Ch. Venkata Ramana 866-869

Isolation, identification and characterization of phosphate solubilizing bacteria isolated from
economically important tree species
*Tensingh Baliah, N. & Jeeva, P. 870-876

Assessing the organoleptic quality of stirred papaya yoghurt during storage period
*Punnagaiarasi, A., Rajarajan, G. and Elango, A. 878-880

In vitro evaluation of silicon sources against late blight (*Phytophthora infestans*) of tomato
¹*Kedarnath, ²Rangaswamy, K. T., ²Prakash N. B., ¹Nagaraju N., C. N. Lakshminarayana Reddy³
and ⁴Narasegowda N. C. 881-884

Potential effect seaweed sap on nutrient uptake of greengram
R.V. Mahajan, V.M. Bhale & J.P. Deshmukh, 885-888

Case Study

Surgical management of intestinal evisceration due to dog bite in pregnant female cat
Bhuyan C. , Sathapathy S. *, ¹Joshi S. K., ²Biswal S.S. and Sahu S.K. 889-890

Biofilm production of *S. aureus* associated with canine urinary tract infection
¹Yogeshpriya, S., ²Usha N. Pillai, ²Ajithkumar, S. & ²Madhavan Unny, N. 891-893

Surgical management of preputial calculus in zebu cattle
*Bhuyan, C., Sathapathy, S., ¹Joshi S. K., Sahu S.K. & Sarangi, M. 894-895

Short Communication