

## SADHNA (IJFS) Best Paper Awards

From 2015 onwards one paper published in each issue of the International Journal of Farm Sciences is awarded SADHNA (IJFS) Best Paper Award. The award carries a cash prize of Rs 1000, certificate of honour and plaque.

### Award Winner Papers 2015

Water use efficiency in milk production under different groundwater regimes in southern Karnataka, by Mahin Sharif and PK Dixit*, University of Agricultural Sciences, College of Sericulture, Chintamani 563125 Karnataka, India, *National Dairy Research Institute, Southern Regional Station (ICAR), Adugodi, Bangalore 560030 Karnataka, India	International Journal of Farm Sciences 2015, <b>5(1)</b> : 122-134.
Agro-climatic indices of fodder maize, <i>Zea mays</i> L in relation to nutritional status, by Vajinder Pal Kalra and PK Sharma*, Guru Angad Dev Veterinary and Animal Sciences University, Krishi Vigyan Kendra, Tarn Taran 143401 Punjab, India, *Department of Agronomy, Punjab Agricultural University, Ludhiana 141004 Punjab, India	International Journal of Farm Sciences 2015, <b>5(2)</b> : 7-14.
Assessment of insecticide resistance in field populations of spotted pod borer, <i>Maruca vitrata</i> Fabricius on vegetable cowpea by Pattapu Sreelakshmi, Ambily Paul*, Mithu Antu, MS Sheela, and Thomas George*, Department of Agricultural Entomology, *AINP on Pesticide Residues, College of Agriculture, Vellayani, Thiruvananthapuram 695522 Kerala, India	International Journal of Farm Sciences 2015, <b>5(3)</b> : 159-164.
Effect of long term manure and fertilizer application on availability of phosphorus and its fraction in long term fertilizer experimental field under finger millet-maize cropping system in Karnataka by Eresha, RC Gowda, Sidharam Patil, DK Srinivas and VP Santosh, Department of Soil Science and Agricultural Chemistry, University of Agricultural Sciences, GKVK, Bengaluru 560065 Karnataka, India	International Journal of Farm Sciences 2015, <b>5(4)</b> : 17-23.

### Award Winner Papers 2016

Growth, yield and grain quality of traditional paddy varieties as influenced by nutrient management practices, by HN GAGANDEEP, C SUNIL and PRADEEP GOPAKKALI, Department of Agronomy, University of Agricultural and Horticultural Sciences, Shivamogga 577225 Karnataka, India	International Journal of Farm Sciences 2016, <b>6(1)</b> : 120-133.
Heterosis and inbreeding depression for agro-morphological characters in tomato, <i>Lycopersicon esculentum</i> Mill, by M SAHU, KK SAHU*, A TIRKEY, D UPADAYAY* and N MEHTA, Department of Genetics and Plant Breeding, *Department of Horticulture, Indira Gandhi Krishi	International Journal of Farm Sciences 2016, <b>6(2)</b> : 51-64.

Vishwavidyalaya, Raipur 492012 Chhattisgarh, India	
Standardization of protocol for shoot multiplication of jasmine ( <i>Jasminum sambac</i> (L) Aiton, by M BISWAL, SK PALAI, P MISHRA, S CHHURIA* and P SAHU**, Department of Floriculture and Landscaping, *Department of Fruit Science and Technology, **Department of Vegetable Science, College of Agriculture, Orissa University of Agriculture and Technology, Bhubaneswar 751003 Odisha, India	International Journal of Farm Sciences 2016, <b>6(3)</b> : 111-118.
Genetic variability and character association among biometrical traits in F3 generation of lablab bean, <i>Lablab purpureus</i> (L) Sweet, by SA GADAKH, GS KADAM* and TEJASHREE S LACHYAN, Department of Agricultural Botany, College of Agriculture, Dr Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli 415712 Maharashtra India, *Department of Agricultural Botany, College of Agriculture, Mahatma Phule Krishi Vidyapeet, Rahuri 413722 Maharashtra, India	International Journal of Farm Sciences, 2016, <b>6(4)</b> : 193-202.

### Award Winner Papers 2017

Job commitment among the scientists of selected state agricultural universities of northern India, by PRIYANKA KANDWAL and PRABHJOT KAUR, Department of Extension Education, Punjab Agricultural University Ludhiana 141004 Punjab, India	International Journal of Farm Sciences 2017, <b>7(1)</b> : 82-86.
Evaluation of different approaches of fertilizer recommendation on finger millet ( <i>Eleusine coracana</i> L) yield, nutrient requirement and economics, by PK BASAVARAJA, H MOHAMED SAQEEBULLA, P DEY* and SIDHARAM PATIL, AICRP on STCR, Department of Soil Science and Agricultural Chemistry, College of Agriculture, UAS, GKVK, Bengaluru 560065 Karnataka, India *AICRP on STCR, Indian Institute of Soil Science, Bhopal 462001 Madhya Pradesh, India	International Journal of Farm Sciences 2017, <b>7(2)</b> : 102-107.
Standardization of agro-techniques to perk up quality and yield of knolkhol ( <i>Brassica oleracea</i> var <i>gongylodes</i> L) in southern agro-climatic zone of Andhra Pradesh, by LALITHA KADIRI, V SUMATI, G PRABHAKARA REDDY, K GOPAL, MLN REDDY and P SUDHAKAR, Department of Agronomy, College of Horticulture (YSRHU), Anantharajupeta 516105 Andhra Pradesh, India	International Journal of Farm Sciences 2017, <b>7(2)</b> : 11-18.
Changes in soil aggregate fractions under long-term double rice cropping system with application of inorganics and organics, by A KRISHNA CHAITANYA, BISWAPATI MANDAL, PRASANT KUMAR BANDYOPADHYAY, GORA CHAND HAZRA and G KIRAN REDDY* Bidhan Chandra Krishi Viswavidyalaya, Kalyani 741235 West Bengal, India *Professor Jayashankar Telangana State Agricultural University, Jagtial 505327 Telangana, India	International Journal of Farm Sciences 2017, <b>7(4)</b> : 133-140.

### Award Winner Papers 2018

Design, development and performance evaluation of minor millet de-husker, by MEGHA PATIL, AK GUPTA and PARV NAYAK, Department of Post Harvest Process and Food Engineering, College of Agricultural Engineering, Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur 482004 Madhya Pradesh, India	International Journal of Farm Sciences 2018, <b>8(1):</b> 63-69.
Optimization of priming time and concentration of bioprimer and their influence on bajra seed, by P SUNITHA and K ARUNA LAKSHMI* Department of Microbiology, GITAM Institute of Science *Department of Biotechnology, GITAM Institute of Technology Gandhi Institute of Technology and Management Rushikonda, Visakhapatnam 530045 Andhra Pradesh, India	International Journal of Farm Sciences 2018, <b>8(2):</b> 176-182.
Influence of demographic characteristics on menopausal problems of rural and urban middle-aged women of Dharwad and Bagalkot, Karnataka, by DEEPA KANNUR and SUNANDA ITAGI, Department of Human Development and Family Studies, College of Community Science, University of Agricultural Sciences, Dharwad 580005 Karnataka, India	International Journal of Farm Sciences 2018, <b>8(3):</b> 62-68.
Good health: a mainstay for better adjustment among elderly by SUMANGALA BADAMI and GANGA V YENAGI*, Department of Human Development and Family Studies, College of Community Science, *Department of Agricultural Extension Education, College of Agriculture, University of Agricultural Sciences, Dharwad 580005 Karnataka, India	International Journal of Farm Sciences 2018, <b>8(4):</b> 37-42.

### Award Winner Papers 2019

Detection of biofilm formation ability of Streptococcus agalactiae isolated from bovine mastitis cases by M NASIM SOHAIL <sup>1</sup> , D RATHNAMMA <sup>2</sup> , S ISLOOR <sup>2</sup> , BM VEEREGOWDA <sup>2</sup> and R SHARADA <sup>2</sup> , <sup>1</sup> Department of Animal Science, Faculty of Agriculture, Kandahar University Kandahar, Afghanistan <sup>2</sup> Department of Veterinary Microbiology, Veterinary College Hebbal, Bangalore 560024 Karnataka, India	International Journal of Farm Sciences 2019, <b>9(1):</b> 107-115.
Economic efficiency of chickpea farms in Andhra Pradesh and Telangana, by AMAND RAJALAXMI and E REVATHI, Development Studies in Economics, Centre for Economic and Social Studies, Begumpet, Hyderabad 500016 Telangana	International Journal of Farm Sciences 2019, <b>9(2):</b> 43-51.
Utilization of plant extract as antimicrobial finish for healthcare textiles, by SANDEEP BAINS, RAJDEEP KAUR and MANISHA SETHI, Department of Apparel and Textile Science, Punjab Agricultural University Ludhiana 141004 Punjab, India	International Journal of Farm Sciences 2019, <b>9(3):</b> 96-100.

Modelling the irrigation demand profile of Chalakudy river diversion scheme using CROPWAT and GIS tools, by EB GILSHA BAI, KP REMA, D SASIKALA and ANU VARUGHESE, Kelappaji College of Agricultural Engineering and Technology, Tavanur 679573 Kerala, India	International Journal of Farm Sciences 2019, <b>9(4):</b> 52-62.
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### Award Winner Papers 2020

Assessment of information seeking behaviour and constraints in obtaining information of public and private aquaculture extension personnel by M ALAGAPPAN <sup>1</sup> and M KUMARAN <sup>2</sup> , <sup>1</sup> ICAR- Krishi Vigyan Kendra, Tamil Nadu Veterinary and Animal Sciences University Kundrakudi, Sivaganga 630206 Tamil Nadu, India <sup>2</sup> ICAR- Central Institute of Brackishwater Aquaculture MRC Nagar, Chennai 600028 Tamil Nadu, India	International Journal of Farm Sciences 2020, <b>10(1):</b> 104-114.
Modelling streamflow using SWAT model: a case study of Thuthapuzha river basin, Kerala, by FOUSIYA and ANU VARUGHESE, Department of Irrigation and Drainage Engineering KCAET, Tavanur, Malappuram 679573 Kerala, India	International Journal of Farm Sciences 2020, <b>10(2):</b> 86-95.
Factors influencing shrinkage of vegetables in select retail outlets in Coimbatore city, Tamil Nadu, by VM INDUMATHI <sup>1</sup> , M MALARKODI <sup>2</sup> and B NAVANEETHAM <sup>3</sup> , <sup>1</sup> ICAR- Krishi Vigyan Kendra (TNAU), Vamban, Pudukkottai 622303 Tamil Nadu, India <sup>2</sup> Directorate of Agribusiness Development Tamil Nadu Agricultural University, Coimbatore 641003 Tamil Nadu, India <sup>3</sup> Karunya University, Karunya Nagar, Coimbatore 641114 Coimbatore, Tamil Nadu, India	International Journal of Farm Sciences 2020, <b>10(3-4):</b> 88-92.