

Sr No	Paper no.	Authors	Title
Research paper			
1	Jam-2018-175	Meena Kumari, S. C. Verma and S. K. Bhardwaj	Effect of elevated CO ₂ and temperature on crop growth and yield attributes of bell pepper (<i>Capsicum annuum</i> L.)
2	Jam-2018-187	Meena Kumari, S. C. Verma and S. K. Bhardwaj	Effect of elevated CO ₂ and temperature on growth and yield contributing parameters of pea (<i>Pisum sativum</i> L.) crop
3	Jam-2018-152	Malay Kumar Samanta and Pranab Hazra	Microclimate suitability for green and coloured sweet pepper hybrids in open and protected structures in sub-tropical humid climate of West Bengal
4	Jam-2018-233	Seung Kyu, Lee and Truong An, Dang	Irrigation water requirement of rice in Long Xuyen Quadrangle area, Vietnam in the context of climate change
5	Jam-2018-201	Jaipal S. Choudhary, Madhumita Kumari, Santosh S. Mali, Mahesh K. Dhakar, Bikash Das, Arun K. Singh and Bhagwati P. Bhatt	Predicting impact of climate change on habitat suitability of guava fruit fly, <i>Bactrocera correcta</i> (Bezzi) using Maxent modeling in India
6	Jam-2018-188	Yang Xu, Shao Xiaohou, Mao Xinyu, Li Minhui, Li Xiuneng and Li Rongqi	Variability and trend analysis of precipitation during 1961-2015 in Southwest Guizhou Autonomous Prefecture, China
7	Jam-2018-168	Himani Bisht, D.K. Singh, Shaloo, A. K. Mishra, A. Sarangi, V.K. Prajapati, Man Singh and P. Krishnan	Heat unit requirement of wheat (<i>Triticum aestivum</i> L.) under different thermal and moisture regimes
8	Jam-2018-158	L. K. Dhaliwal, G. S. Buttar, P. K. Kingra, Sukhvir Singh and Sukhjeet Kaur	Effect of mulching, row direction and spacing on microclimate and wheat yield at Ludhiana
9	Jam-2018-156	Harleen Kaur, P.K. Kingra and Som Pal Singh	Effect of sowing date, irrigation and mulch on thermal time requirement and heat use efficiency of maize (<i>Zea mays</i> L.)
10	Jam-2018-183	Balwinder Singh Dhillon and R.S. Uppal	Influence of cutting management on photosynthetic parameters, heat use efficiency and productivity of barley (<i>Hordium vulgare</i> L.) under variable sowing dates
11	Jam-2018-259	P.K. Sharma, D. Kumar, H. S. Srivastava, P. Patel and T. Sivasankar	Soil moisture retrieval under wheat crop using RISAT-1 hybrid polarimetric SAR data
12	Jam-2018-106	P. K. Kingra, S. S. Kukal and Som Pal Singh	Trends in evapotranspiration and water productivity of rice-wheat in different agroclimatic regions of Indian Punjab
13	Jam-2018-160	N. Chattopadhyay, R. Balasubramaniam, S. D. Attri, Kamaljeet Ray, Gracy John, S. Khedikar and C. Karmakar	Forewarning of incidence of <i>Spodoptera litura</i> (Tobacco caterpillar) in soybean and cotton using statistical and synoptic approach
14	Jam-2018-218	Ashlesha Atri and Harpreet Singh	Influence of weather variables on the development of pearl millet downy mildew
15	Jam-2018-189	Sunil Kumar, S. V. Singh and S. C. Bhan	Effect of dietary supplementation of astaxanthin (potent antioxidant) on growth rate, DMI, FCR and metabolic changes in Karan Fries heifers during heat stress

Short communication			
1	Jam-2018-143	Rachana Dubey, Himanshu Pathak, Sanatan Pradhan, Bidisha Chakrabarti and N. Manikandan	Effect of weather on yield, heat and water use efficiency of wheat crop in a semi-arid environment
2	Jam-2018-146	R. H. Rajkumar, A.T. Dandekar, S.R. Anand, J. Vishwantha, A.V. Karegoudar and P.H. Kuchnur	Effect of resource conservation technologies (RCT's) on yield and water productivity of wheat (<i>Triticumaertivum</i> L.) under vertisols of Tungabhadra project command area of Karnataka
3	Jam-2018-163	Pooja and Renu Munjal	Heat tolerant wheat genotypes for late sown conditions identified on the basis of physiological traits
4	Jam-2018-102	Ria Biswas and Banjul Bhattacharyya	Rice yield prediction in lower Gangetic Plain of India through multivariate approach and multiple regression analysis
5	Jam-2016-117	H. V. Parmar and N. K. Gontia	Derivation of land surface temperature using satellite imagery and its relationship with vegetation index
6	Jam-2018-121	Sanjay H. Parmar, Mukesh K. Tiwari1, Digvijaysinh L. Pargi, and Nirav K. Pampaniya Nirav V. Rajani	Modeling the land surface temperature using thermal remote sensing at Godhra, Gujarat
7	Jam-2018-129	P. E. More, C. D. Deokar and V. K. Bhalerao	Effect of meteorological factors on rust severity of pea at Rahuri, Maharashtra
8	Jam-2017-194	Shailendra Banjare, Shraddha Rawat and Shweta Gautam	Rainfall probability analysis for crop planning in Allahabad district of eastern Uttar Pradesh
9	Jam-2018-235	R. Anju and Binoo P. Bonny	Biotic indicators as weather predictors in Wayanad district of Kerala
10	Jam-2018-165	R. Sunitha Devi, S. G. Mahadevappa and D. Raji Reddy	Effect of weather parameters on population build up of spotted pod borer, <i>Maruca vitrata</i> (Geyer) on pigeonpea (<i>Cajanus cajan</i> (L) Millsp.)