

Sr No	Paper no.	Authors	Title Vol 23(1) March-2021
1	Editorial	Nabansu Chattopadhyay	Weather & Climate based Farm Advisory Services
Research paper			
2	Jam-2020-345	Harpreet Singh, Prabhjyot Kaur, S.K. Bal and B.U. Choudhury	Effect of elevated temperature on green gram [<i>Vignaradiata</i> (I).Wilczek] performance under temperature gradient tunnel environment in Indian Punjab
3	Jam-2020-276	Ashutosh Kumar Mishra, Paras R. Pujaria, Shalini Dhyani, Parikshit Verma, Ramesh Janipella, Pandurang Balwant, Saptarshi D. Purkayastha, Rafat Quamar, Jyothi Veligeti	Assessing water requirement of orange trees using sap flow measurements in Narkhed-Pandhurna critical zone observatory (CZO) in central India
4	Jam-2020-133	B. S. Sidhu, Rakesh Sharda and Sandeep Singh	An assessment of water footprint for irrigated rice in Punjab
5	Jam-2019-347	Buta Singh Dhillon, Gurpreet Kaur, G.S. Mangat and Prabhjyot-Kaur	Influence of seedling age on growth, productivity and heat use efficiency of rice genotypes in North West India
6	Jam-2019-276	S.Mohapatra, S.K.Tripathy*, A.K.Mohanty and S.Tripathy	Effect of heat stress on yield and economics of rice (<i>Oryza sativa</i> L.) cultivars under different sowing dates
7	Jam-2020-007	Kiranjeet Kaur Dhatt and Shalini Jhanji	Evaluating Gladiolus varieties for off-season planting using Agro-meteorological indices
8	Jam-2020-059	Santosh Kumar, Md. Nadeem Akhtar, Santosh Kumar, Mahesh Kumar, and Tribhuwan Kumar	Influence of weather parameters on alternaria leaf blight severity of makhana under the agro-climate of Koshi region of Bihar
9	Jam-2020-261	A. Y. Munj, V. N. Jalgaonkar, B. R. Salvi, A. L. Narangalkar, J. S. Choudhary, Madhumita Kumari, S.S. Mali and Bikash Das	Prediction of mango hopper, <i>Idioscopus nitidulus</i> (Walker) using hybrid modelling under tropical monsoon climate conditions of Konkan region
10	Jam-2020-160	Pawan K. Amrate, M. K. Shrivastava and D.K. Pancheshwar	Crop-weather based relation and severity prediction of Aerial blight incited by <i>Rhizoctonia solani</i> Kuhn in soybean
11	Jam-2020-427	S. Vennila, Shabistana Nisar, A. Islam, M.N. Bhat, Sanjay Sharma, P.S. Sarao, Anandhi V. G., M.S. Rao and M. Prabhakar	Future scenarios of rice brown plant hopper <i>Nilaparvatalugens</i> (Stal.) under changing climate
12	Jam-2020-111	M.K. Yadav, C. Patel, R.S. Singh1, K.K. Singh, R. Balasubramanian, R.K. Mall5, M.K. Singh, S.M. Singh1 and S.K. Yadav	Assessment of climate change impact on different pigeonpea maturity groups in north Indian condition
13	Jam-2019-232	Gurpreet Kaur, Som Pal Singh, R.K. Setia and P.K. Kingra	Delineation of maize growing areas vis-à-vis climate and technology using statistical and geospatial techniques in Punjab
14	Jam-2020-044	Gurmeet Nain, Nitin Bhardwaj, P.K. Muhammed Jaslam, Chander Shekhar Dagar and Anurag	Rice yield forecasting using agro-meteorological variables: A multivariate approach
15	Jam-2019-280	Sumpi Chutia, R.L. Deka, J. Goswami and Manashi H. Phukon	Forecasting rice yield through modified Hendrick and Scholl technique in the Brahmaputra valley of Assam

16	Jam-2020-271	Argha Ghosh, Manoj Kumar Nanda, Debolina Sarkar, Sukamal Sarkar, Koushik Brahmachari and Krishnendu Ray	Assessing the agroclimatic potentiality in Indian Sundarbans for crop planning by analyzing rainfall time series data
17	Jam-2020-333	Mahesh Chand Singh, Vajinderpal Kalra, Sompal Singh and Sanjay Satpute	Wheat yield prediction in relation to climatic parameters using statistical model for Ludhiana district of central Punjab
Short communication			
1	Jam-2020-023	Zeenat Farooq, Rohitashw Kumar and Vijay P. Singh	Trend of reference evapotranspiration under climate change in Himalayan region, India
2	Jam-2020-141	Ravinder Singh Chandi*, Amandeep Kaur, Nilesh Biwalkar and Smriti Sharma	Forecasting of insect pest population in brinjal crop based on Markov chain model
3	Jam-2020-420	Anitta Judy Kurian and P. Anitha	Seasonal variations in the nutritional quality of drumstick
4	Jam-2020-248	M.G. Jadhav., M.M. Lunagaria, D.D. Patil and H.R. Patel	Sensitivity analysis to study the effects of temperature, carbon dioxide and solar radiation on sunflower under middle Gujarat Agro climatic region