

List of approved papers for December 2017 issue 19(4) of Journal of Agrometeorology.

| No. | Author Name | Title |
|-----------------------|--|---|
| <i>Research paper</i> | | |
| 1 | M. VANAJA, P. SATHISH, G. VIJAY KUMAR, ABDUL RAZZAQ, P. VAGHEERA, N. JYOTHI LAKSHMI, S. K. YADAV, B. SARKAR and M. MAHESWARI | Elevated temperature and moisture deficit stress impact on phenology, physiology and yield responses of hybrid maize |
| 2 | RAM NARAYAN SINGH, JOYDEEP MUKHERJEE, V. K. SEHGAL, ARTI BHATIA , P. KRISHNAN, DEB KUMAR DAS, VINOD KUMAR and RAMESH HARIT | Effect of elevated ozone, carbon dioxide and their interaction on growth, biomass and water use efficiency of chickpea (<i>Cicer arietinum</i> L.) |
| 3 | TEJINDER SINGH BRAR and SMRITI SHARMA | Influence of temperature and carbon dioxide levels on growth and development of <i>Spodoptera litura</i> Fabricius on cauliflower |
| 4 | G. N. SHREEVANI, A.G. SREENIVAS, R.V. BELADHADI and B.S. JANAGOUDAR | Environmental change and the phenology of Bt cotton aphid, <i>Aphis gossypii</i> Glover |
| 5 | SUNIL KUMAR and ARUN KUMAR JHA | Impact of climate on biomass production of <i>Azolla</i> and their interactions |
| 6 | BRIJESH YADAV, JOYDEEP MUKHERJEE, V.K. SEHGAL, D.K. DAS and PRAMEELA KRISHNAN | Effect of dimming of global radiation on morphology and yield of wheat crop in Delhi |
| 7 | D. SAGAR, SURESH M. NEBAPURE and SUBHASH CHANDER | Development and validation of weather based prediction model for <i>Helicoverpa armigera</i> in chickpea |
| 8 | MEHNAJ THARRANUM A., Y. P. SINGH, BASANT K. KANDPAL, K. K. SINGH and AVINASH CHANDRA PANDEY | Forewarning model development for mustard aphid (<i>Lipaphis erysimi</i> Kalt.) at Bharatpur and Hisar |
| 9 | M. MOHANTY, NISHANT K SINHA, ROHIT K PATIDAR, J. SOMASUNDARAM, R. S. CHAUDHARY, K. M. HATI, K. SAMMI REDDY, M. PRABHAKAR, SRINIVAS RAO CHERUKUMALLI and ASHOK K. PATRA | Assessment of maize (<i>Zea mays</i> L.) productivity and yield gap analysis using simulation modelling in subtropical climate of central India |
| 10 | P.K.SINGH, K.K.SINGH, PRIYANKA SINGH, R. BALASUBHAMIAN, A.K.BAXLA, B.KUMAR, AKHILESH GUPTA, L.S.RATHORE AND NAVEEN KALRA | Forecasting of Wheat Yield in various Agro-Climatic Regions of Bihar by Using DSSAT v4.6 Model |

- | | | |
|----|---|--|
| 11 | S. H. MALVE, PRAVEEN RAO V. and ANIL DHAKE | Estimation of seasonal evapotranspiration and crop coefficient of wheat (<i>Triticum aestivum</i> L.) under drip irrigation and N-fertilization scheduling for semi-arid tropics of India |
| 12 | GURBRINDER SINGH, S.S.WALIA and SOMPAL SINGH | Effect of integrated nutrient management on agroclimatic environment and yield of baby corn (<i>Zea mays</i> L.) in Punjab, India. |
| 13 | SUNNY KUMAR* and BALJINDER KAUR SIDANA | Climatic variability and its impact on rice and wheat productivity in Punjab |
| 14 | ARVIND KUMAR, S. K. TRIPATHI and PADMAKAR TRIPATHI | Impact of climatic parameters on simulated yield of rice at Faizabad of U.P. |
| 15 | A. K. GIRI, M. BHAN and K.K. AGRAWAL | Districtwise wheat and rice yield predictions using meteorological variables of eastern Madhya Pradesh |

Short Communication

- | | | |
|---|--|---|
| 1 | RAMANDEEP SINGH, NAVNEET KAUR, K. K. GILL and R. I. S. GILL | Radiation interception and thermal requirement of wheat cultivars under Burma dek (<i>Melia composita</i> Willd.) in central Punjab |
| 2 | A. Y. MUNJ, B. S. RANA and S. K. GODASE | Population dynamics of mango hopper, <i>Idioscopus niveosparsus</i> Leth and its natural enemies under coastal Konkan conditions of Maharashtra |
| 3 | O. S. NAVIK and S. K. GODASE | Influence of weather parameters on pests of cashew in Konkan |
| 4 | SHIV KUMAR BHUARYA, N. MANIKANDAN, J. L. CHAUDHARY, DHIRAJ KHALKHO and S. PRADHAN | Temperature trend, slope and change point detection at four stations of Chhattisgarh state |
| 5 | LATIEF AHMAD, SABAH PARVAZE, SAQIB PARVAZE and R.H.KANTH | Crop water requirement of saffron (<i>Crocus sativus</i>) in Kashmir valley |
| 6 | SHWETA PATEL and CHANDRA PAL SINGH | Development of weather based forewarning model for mustard aphid, <i>Lipaphis erysimi</i> (Kalt.) in Tarai region of Uttarakhand |
| 7 | SHAKEEL AHMAD BHAT, BASHIR PANDIT, MEHRAJ U DIN DAR, SYED ROUHULLAH ALI, REHANA JAN and SHAFAT KHAN | Comparative study of different methods of evapotranspiration estimation for Kashmir Valley |