



Dr. Pankaj Uttamrao Raundal (b.1974) completed M.Sc (Agri.) in Agronomy from the College of Agriculture, Pune in 1998 with GOLD MEDAL and Ph.D with distinction in Agronomy from MPKV, Rahuri (2002). Presently working as Assistant Professor of Agronomy at College of Agriculture, Pune.

He has been qualified NET (2001). For ranking first in M.Sc. (Agri.) he was awarded by Dr.V.G.Gokhale Gold Medal, Shri. Dhondiram Babu Mali Freedom Fighter Award, Late. Shri. Ramchandra Krishnaji Apte Award. For Ph.D. he was awarded by University Merit Scholarship. He was awarded by BOLT award winner for Dhule district and runner up for Maharashtra state by "AIR INDIA" for the year 2008. He is recognized P.G. teacher and guided 4 students of M. Sc. Agronomy.

He has 22 research papers published in scientific journals, more than 45 popular articles, 10 abstract papers presented in conference / symposium, more than 20 Radio Talks on AIR to his credit. He authored two books for Maharashtra State Secondary Board for 9th standard in Marathi and 4 graduate level practical manuals. He is life member of Indian Journal of Agronomy, ISA, New Delhi and Journal of Agriculture Research and Technology, Pune.



Dr. Ravi Pandharinath Andhale (b.1967) completed M.Sc in Agricultural Meteorology from the College of Agriculture, Pune (1989), M.Sc. in Agronomy from Post Graduate Institute, Rahuri (2002) and Ph. D in Agronomy from MPKV, Rahuri (2012).

Presently working as Assistant Professor of Agronomy in MPKV, Rahuri and looking after Integrated Agromet Advisory Services under M.P.K.V., Rahuri. He is a Recognized P.G. Teacher and guided 3 students and acted as a advisory committee member for 5 students of M. Sc. Agronomy.

He has 17 research papers published in Scientific Journals, more than 25 popular articles, 04 abstract papers presented in Conference / Symposium, to his Credit. He has authored two Practical manuals for PG level Agricultural Meteorology. He is the life member of Indian Journal of Agronomy, ISA, New Delhi. Journal of Agrometeorology, Anand and Journal of Agriculture Research and Technology, Pune. He has attended International Training on Agricultural Meteorology at Tel Aviv, Israel during 20th May, 2002 to 18th June, 2002.

HANDBOOK OF AGROMETEOROLOGY

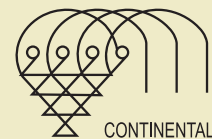
Climate change impacts on agriculture are being witnessed all over the world, but countries like India are more vulnerable in view of the high population depending on agriculture, excessive pressure on natural resources and poor cropping mechanisms. A large area of land under dry land agriculture is expected to changes in rainfall patterns, temperature and extreme events over the next several decades due to climate change thus making rainfed agriculture risk prone. For sustainable agricultural and agro based products; for hunger free country. It is necessary to consider the weather parameters are input factors in agriculture.

In this century, for implementation of insuranc, rehabilitation for farming communities, the knowledge and awareness for Meteorology and Agrometeorology is essential. Ultimately this book will be fulfeel this need.

In this book, we find information about following aspects with neat figures and photographs.

- Methodology for Agromet observation.
- Weather forecasting and Agrometeorological forecasting, tools required for forecasting.
- Agromet observatory, required instruments, installation process and required and sophistical instruments, with photographs.
- Especially this book is useful to the Degree course of-
 - B.Sc. (Agriculture)
 - B.Sc. (Horticulture)
 - B.Tech (Agriculture)
 - M.Sc. (Agrometeorology, Agriculture, Home Science & Food Technology) & M.Tech.(Agriculture),
 - Ph.D. (Agrometeorology)
 - Competitive Exams. (MPSC, ASRB & Agricultural NET)

also useful to the students, research, education and extension field personalities of agriculture media persons and finally to the leading farmer.

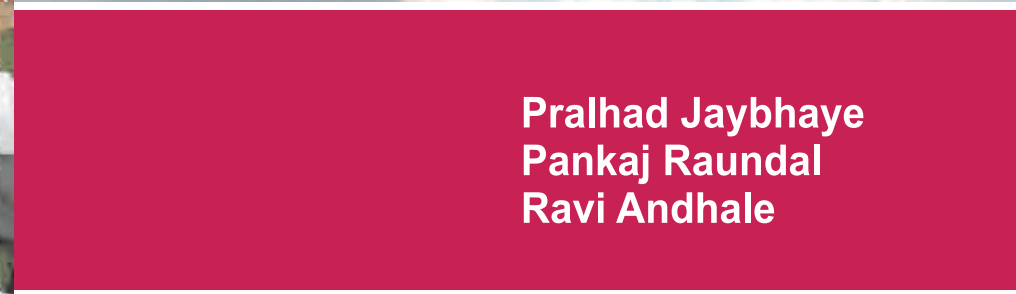
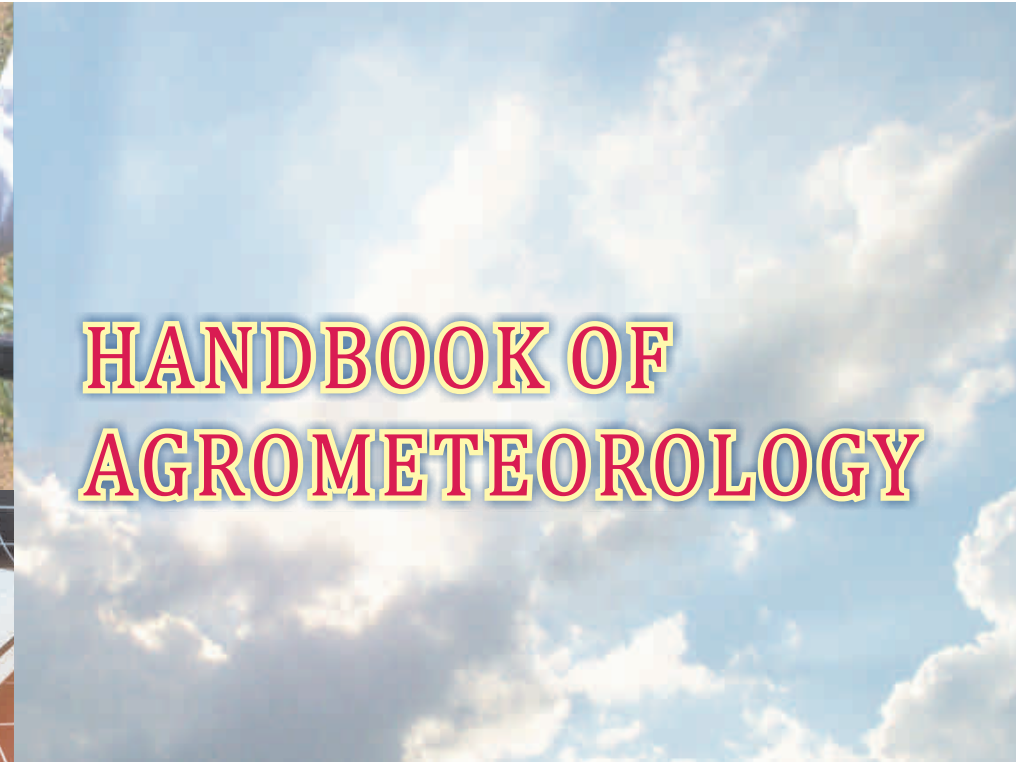


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HANDBOOK OF AGROMETEOROLOGY

● Pralhad Jaybhaye ● Pankaj Raundal ● Ravi Andhale

Continental Prakashan



Pralhad Jaybhaye (b.1972) completed M.Sc in Agricultural Meteorology from the College of Agriculture, Pune (MPKV, Rahuri) in 1998 and Post Graduate Diploma in Communication and Journalism from University of Pune (1999). Presently working as Assistant Professor of Agrometeorology and Nodal Officer for Integrated Agromet Advisory Services Project and Forecasting of Agricultural Output by using Agrometeorology, Space and Land (FASAL) Project under IMD, Govt. of India at Department of Agricultural Meteorology, MKV, Parbhani (MAH).

He has worked as Technical Officer in the Agromet Advisory Services at N.A.R.P., Igatpuri and he worked as Senior Research Assistant and Officer Incharge of Commercial Fruit Nursery at Dr. P.D.K.V., Akola (2005-2008).

He is a Recognized P.G. Teacher and guided 11 students and acted as a advisory committee member for 12 students of M. Sc. Agricultural Meteorology. He is a visiting lecturer and delivered lectures at IMD, Pune, CASAM, Pune, RAMETI, Aurangabad, Mumbai University, Mumbai and at different KVKs in Maharashtra. He has organized one day seminar on 'World Meteorological Day (2008)' and Climate Change (2010) for awareness of weather and its impact on agriculture.

He has 16 research papers; published in reputed Scientific Journals, more than 100 popular articles, 06 abstract papers presented in Conference / Symposium, more than 50 Radio Talks on AIR Nasik, Akola and Parbhani and 3 Serials on AIR, Akola and Parbhani to his Credit. He has authored two Books in Marathi and One Book chapter, 2 Practical manuals for U. G. level in Agricultural Meteorology. He is writing a column 'KRUSHIVEDH' in the WEEKLY 'ADHUNIK KISAN' from February, 2012. He is the life member of Journal of Agrometeorology, Anand, Journal of Agriculture Research and Technology, Pune and Journal of Meteorology, IMS, New Delhi.