

HIND AGRICULTURAL RESEARCH AND TRAINING INSTITUTE



In association with : **HIND AGRI-HORTICULTURAL SOCIETY (REGD.)**

REGISTERED UNDER SECTION 12AA AND 80G OF INCOME TAX ACT 1961 **PAN : AAATH 6245G**
HEAD/EDITORIAL OFFICE - 418/4, SOUTH CIVIL LINES, MUZAFFARNAGAR-251001 (U.P.) INDIA
Mob. : 09410284909, Website : www.hindagrihorticulturalsociety.co.in; www.researchjournal.co.in
E-mail : hind_society@yahoo.com, hahs_2005@yahoo.com., Hahs1624@gmail.com.

PATRON Dr. R.S. Singh, Retd. Professor, C.S. Azad University of Ag. & Tech., KANPUR (U.P.)
Dr. S.N. Singh, Retd. Principal Scientist, I.A.R.I., NEW DELHI
Dr. Sarjit Singh, Retd. Professor, C.S. Azad University of Ag. & Tech., KANPUR (U.P.)
Dr. O.P. Srivastava, Ex. Director, Institute of Agriculture Sciences, B.H.U., VARANASI (U.P.)
Dr. R.K. Pathak, Retd. Professor, C.S.A. University of Ag. & Tech., KANPUR (U.P.)

AN ASIAN JOURNAL OF SOIL SCIENCE

EXECUTIVE COUNCIL FOR 2020

PRESIDENT : Dr. B.S. Bais, Hind Agricultural Research & Training Institute, MUZAFFARNAGAR (U.P.)
VICE PRESIDENT : Dr. Kamla Kunwar, Sr. Scientist, CSK HPKV Hill Agricultural Research & Extension Centre, Dhaulakuan, SIRMOUR (H.P.)
Dr. B.S. Dwivedi, Scientist, Indian Agricultural Research Institute, NEW DELHI
SECRETARY : Dr. (Mrs.) P. Poonkodi, Professor, Annamalai University, ANNAMALAI NAGAR (T.N.)
JOINT SECRETARY : Dr. A. Lalitha Kumari, Senior Scientist, Regional Agricultural Research Station, Lam, GUNTUR (A.P.)
CHIEF EDITOR : Dr. Rajvir Singh Malik, Retd. Head, C.C.R. (P.G.) College, MUZAFFARNAGAR (U.P.)
EDITOR : Rakesh Kumar Singh, Associate Professor, C.C.R. (P.G.) College, MUZAFFARNAGAR (U.P.)
EXECUTIVE EDITOR : Dr. A.P. Singh, Professor, Institute of Agriculture Sciences, B.H.U., VARANASI (U.P.)
Dr. D. Mukhopadhyay, Reader, Uttar Bang Krishi Vishwavidyalaya, COOCH BEHAR (W.B.)
MANAGING DIRECTOR : Smt. Alka Singh, Hind Agri-Horticultural Society, MUZAFFARNAGAR (U.P.)
HEAD, DIV. OF COMPUTER : Smt. Sonika Rathi, Hind Agricultural Research and Training Institute, MUZAFFARNAGAR (U.P.)

EXECUTIVE COUNCILLORS

1. Dr. J.R. Kadam, Professor, M.P.K.V., Rahuri, AHMEDNAGAR (M.S.)
2. Dr. D. Jeena, Professor and Head, Orissa University of Agriculture and Technology, BHUBANESWAR (ORISSA)
3. M. Sankar, Scientist, Central Soil and Water Conservation, Research and Training Institute, DEHRADUN (UTTARAKHAND)

ADVISORY BOARD

1. Dr. A.K. Dash, Prof. & Head, O.U.A.T., BHUBANESWAR (ORISSA)
2. Dr. K.S. Dhadwal, Head, Central Soil & Water Conservation Research & Training Institute, DEHRADUN (UTTARAKHAND)
3. Dr. M.A. Aariff Khan, Senior Scientist, Agricultural Research Station, Garikapadu, KRISHNA (A.P.)

EDITORIAL BOARD

Dr. Amresh Das, Scientist, N.A.U., NAVSARI (GUJARAT)
Dr. P. Chandrasekhar Rao, Professor, College of Agriculture, ANGRAU, Rajendranagar, HYDERABAD (A.P.)
Dr. K. Dhanasekaran, Professor, Faculty of Agriculture, Annamalai University, ANNAMALAI NAGAR (T.N.)
Dr. Utpal Jyoti Sarma, Sr. Scientist, Regional Agricultural Research Station, A.A.A., GOSSAIGAON (ASSAM)
Dr. P.K. Das, Associate Professor, Orissa University of Agriculture and Technology, BHUBANESHWAR (ORISSA)
Dr. S. Suresh, Associate Professor, Krishi Vigyan Kendra, Horticultural Research Station, KANYAKUMARI (KERALA)
Dr. Nirmal De, Assistant Professor, Institute of Agriculture Science, Banaras Hindu University, VARANASI (U.P.)
Dr. R. Krishna Murthy, Assistant Professor, College of Forestry, Ponnampet, COORG (KARNATAKA)
Dr. K.C. Patel, Asst. Professor, Anand Agricultural University, ANAND (GUJARAT)
Dr. P. Janaki, Assistant Professor, Tamil Nadu Agricultural University, COIMBATORE (T.N.)
Dr. Jayesh K. Parmar, Assistant Professor, Junagadh Agricultural University, JUNAGADH (GUJARAT)
Dr. J.V. P. olara, Associate Research Scientist, Junagadh Agricultural University, JUNAGADH (GUJARAT)
Dr. Manashi Chakravarty, Subject Matter Specialist, A.A.U., Krishi Vigyan Kendra, GOSSAIGAON (ASSAM)
Dr. B. Mamtha, Subject Matter Specialist, Krishi Vigyan Kendra, Konehally, TUMKUR (KARNATAKA)

Subscription Information for Journals	India (In Rupees)	Abroad (In Dollar)	Advertisement Tariff (For one volume)	
Annual Subscription for libraries/Institutions	2000.00	300.00	Full Page	Rs. 6000.00 (US\$ 900.00)
Patron Membership	20000.00	3000.00	Half Page	Rs. 3000.00 (US\$ 450.00)
Life Subscription for libraries/Institutions	20000.00	3000.00		
Life Subscription for Individual	10000.00	1500.00		
Annual Subscription for Individual	1000.00	150.00		

PAYMENT : All the payment should be made in the name of **HIND AGRICULTURAL RESEARCH AND TRAINING INSTITUTE** in the form of demand draft from any Nationalized Bank Payable at MUZAFFARNAGAR-251001 (U.P.), INDIA. The article for publication may be sent in triplicate along with CD to the Hind Agricultural Research and Training Institute, ASHRAM-418/4, South Civil Lines (Numaish Camp), MUZAFFARNAGAR 251001 (U.P.), INDIA.