Print: 0974 6315 JOURNAL OF CROP AND WEED

ISSN Online: 2349 9400

Volume 19 Number 2 August, 2023



https://www.cwss.in www.cropandweed.com

CROP AND WEED SCIENCE SOCIETY



CROP AND WEED SCIENCE SOCIETY (CWSS) Registered under Society Registration Act, 2004 (S/IL/24559) Website : https://www.cwss.in and www.cropandweed.com Executive Council (2023-24 to 2024-25)

			-				
			FRONS				
Prof. P. C. Bhowmik, Mass		Prof. B. Valverde, Costarica			Prof. Mrs. Nilda. R. Burgos, USA		
Prof. Norman Uphoff, CIIFAD, USA			Prof. Judy Fisher, Western Australia			Prof. Irabanta Singh, Manipur	
Prof. Albert Fischer, IWSS			Prof. Khan Bahadur Marwat, Pakistan			Prof. B. Rubin, Israel	
Prof. Sarah Brunel, France Prof. S. K. T Nasar, Former DR, BCKV			Prof. Iswandi Anas, Indonesia Dr. John. R. Leeper, USA		Dr. S. Adkins, Australia Dr. N. T. Yaduraju, ISWS, India		
Prof. R. C. Samui, Tripura			Dr. S. Dutta, VC, Visva Bharati		Dr. J. C. Majumdar, CLC, India		
Tion in Grounial, Tripara			al, Former VC, BCKV	7	Difficinajunia	n, obo, maia	
President	1	General Secretary		Prof. Asit Kumar Basu			
Working President			Joint Secretary		Dr. Abhijit Ghosal		
Vice President Prof. Monilal Chatterje		ee			Dr. Malay Kumar Bhowmik		
Dr. Sujit Adhikary			Treasurer		Dr. Debesh Pal		
Dr. Indrani Dana							
	Dr. Suhrid Ranjan Bari	hrid Ranjan Barik					
Drof Abbijit Kuman Nam			MBERS Drof Manag	Vumar Day J	t Duct T N	Dov	
Prof. Abhijit Kumar Nanc Dr. Dwijen Barman			Prof. Manas Kumar Pandi Dr. Nibedita Borgohain		it Prof. T. N. Roy Dr. Md. Mahidur Rahaman		
	Mr. Jayanta Chakraborty Dr. Kironmoy Barui		Dr. Sitesh Chatterjee		Dr. Md. Manidur Kanaman Dr. Pritam Ghosh		
Dr. Sanjoy Sil			Dr. Asim Kumar Dolai		Mr. Shaidur Mandal		
CORPORATE MEMBERS							
Dr. A. V. Dhuri, Excel Crop Care Ltd. Dr. O.P. Singh, Dhanuka Dr. A. Roy, Maktishim Agan India							
Dr. S. Mallikarjunappa, Rallis India Dr. V.D.V.N.H. Kumar,						lofil Industries Ltd.	
, 11,			Pl Industries		Dr. R. Goel, Crystal Crop Protection		
			UPL, India		Dr. RBL Bhaskar, Parijat Industry		
					Mr. S. Chaudhary, Sinochem India		
			IAL BOARD				
Dr. D.C. Phoumilt, USA	Dr. A.I. Donouvolt		l Advisory Board	ana Australia	Du Balti Balta	Malavaia	
Dr. P C Bhowmik, USADr. A L Ranawake, Sri LankaDr. Y. Fuzi, JapanDr. U R Sinniah, Malayasia			Dr. Nirmal Chandrasena, Australia Dr. C. Zhang, China		Dr. Baki Bakar, Malaysia Dr. R. C. Joshi, Philippines		
Dr. Asad Shabbin, Pakistan Dr. Duong Van Chin,Vietnam			Dr. Mirza Musayev, Azerbaijan		Dr. Muazzam Husain, Bangladesh		
Dr. Kil-Ung Kim, Korea Dr. C T Abraham, India Dr. S. Subasinghe, Sri Lanka Dr. T. V. R. Prasad, India							
Dr. C Chinusammi, India Dr. Tapas K Biswas, Australia							
JOURNAL OF CROP AND WEED (ISSN 09746315 ISSN Online: 23499400)					CROP AND WEED	SCIENCE NEWS	
			tor: Dr. Kusal Roy		Editors	Member	
Associate Editors: Prof. Monilal Chatterjee			rof. Bimal Kumar Bera Prof. Susanta Kumar Pal		Dr. A. Maji	Smt. Srijani Maji	
			C. Umesh Thapa Dr. Subhra Saikat Roy		Dr. D. Majhi		
	Dr. Soumen Bera Prof. Tuhin Narayan Roy Dr. Malay Kumar B				nick		
Dr. A	mitava Banerjee	Dr. Santanu Maji	Dr. Deblina	Majhi			
MEMBERS							
Prof. D K Bastia Prof. Biplab Mitra			Prof. Kaushik Pradhan		Prof. Suvendu Kumar Roy		
Dr. Tirthartha Chatterjee Dr. Taraknath Gosy			- 5 1 5		Dr. Jayati Sarkar		
Dr. Shirin Akhtar	- 5		Dr. B Duary		Dr. C Jayanthi Dr. Vacant D. Surushanshi		
Dr. K M Durga DeviDr. L GirijadeviDr. Pranab DebnathDr. R B Hille			Dr. K. Nandini Devi		Dr. Vasant P. Suryabanshi		
		Advanticoment	vortisomont Foo		Mode of payment		
			vertisement Fee				
Life Membership: Rs. 5000/- (for SAARC countries), Full page – R		rnal - Rs. 15000/-			/ulti city Cheques/Demand Draft in the Secretary/ Treasurer, CWSS,		
		- Rs. 15000/- -Rs. 10000/-			SBI, Kalyani Branch (Code -01082);		
		age – Rs. 5000/-			- SBIN0001082; MIC		
Annual Membership: Rs. 1000/-		0	-		e - SBINBB106 West Bengal, India		
Institution (Annual): Rs.							
				1 .1		()	

Opinion expressed / comment given and results discussed in the articles are the views of the author (s). The Crop and Weed Science Society is in no way responsible for the same.

All correspondence with respect to the Society may please be addressed to The Secretary, Crop and Weed Science Society (CWSS), B2 /442, Kalyani, 741235, Nadia, West Bengal, India Published by: Prof. A. K. Basu, General Secretary, CWSS on 30.08.2023 (Electronic), 30.08.2023 (Print) Printed at: Rajmandir, Kalyani, Nadia Volume 19

ISSN Online: 2349 9400

Number 2

Print: 0974 6315

August, 2023

JOURNAL OF CROP AND WEED



https://www.cwss.in www.cropandweed.com

CROP AND WEED SCIENCE SOCIETY

Kalyani, Nadia, West Bengal, India PIN- 741235

ANNOUNCEMENT FOR CWSS AWARD

Applications are invited for the awards of the Young Scientist, Fellow and Gold Medal, from the members of Crop and Weed Science Society. Awards will be conferred every year. Applicants should clearly mention and provide supporting documents highlighting the academic records, scientific achievements, contribution to national and international agriculture, contribution to the society and rural development along with name, date of birth, designation, address, service details and two passport size photographs. The age limits are a) Young Scientist < 40 years, b) Fellow \geq 40 years and c) Gold Medal > 50 years. In case of more than one applications for Young Scientist Award, the participants will have to present their best research findings, to be evaluated by a panel of eminent scientists. The applications for each category should reach to the Secretary, Crop and Weed Science Society, B-2/442, Kalyani-741235, Nadia, West Bengal, India on or before 31st March of every year (Email: cwss2023@gmail.com). The society will decide the number of awards to be conferred in each category every year. Decision of the society would be final in this regard.